CAREER AND ACADEMIC PATHWAYS

SCHOOL OF BUSINESS, SCIENCE, TECHNOLOGY, ENGINEERING, AND MATH (BSTEM)

BUSINESS

Award Title	Award	Academic Plan Code	FA*
Accounting			
Accounting	AA	C002719C	Y
Computerized Bookkeeping and Accounting Technician	C	C008211D	Y
Income Tax	CS	C050210J	N
Business Administration			
Business Administration 2.0	AS-T	C041090H	Y
Business Administration	AA	C002718C	Y
Business Administration	C	C021609D	Y
Economics			
Economics	AA-T	C040566G	Y
Finance			
Finance and Banking	C	C021610D	Y
Management			
Management	C	C021611D	Y
Retail Management (WAFC)	C	C014232D	Y
Marketing			
Marketing	C	C021613D	Y
Real Estate			
Real Estate Broker License	C	C010771D	Y
Real Estate Sales License	CS	C051100J	N

CHEMISTRY

Chemistry	AS	C002756C	Y
UCTP Chemistry	AS	C040232M	Y

COMPUTER SCIENCE (CSISA)

Award Title	Award	Academic Plan Code	FA*
Computer Applications & Office Technologies			
Administrative Office Assistant	AA	C002727C	Y
Computer Applications Specialist	AA	C008216C	Y
Administrative Office Assistant	C	C021614D	Y
Business Information Worker I	C	C042568D	Y
Business Information Worker II	C	C042651D	Y
Clerical Office Assistant	C	C008215D	Y
Basic Administrative Office Assistant	CS	C051400J	N
Computer Science			
Computer Information Systems (CIS)	AA	C002730C	Y
Computer Science	AA	C010774C	Y
Cybersecurity	AS	C038828C	Y
Applications Software	C	C008224D	Y
C++ Programming	C	C040999D	Y
Cloud Computing	C	C039854D	Y
Cybersecurity	C	C038827D	Y

Award Title	Award	Academic Plan Code	FA*
Cybersecurity Analyst	C	C042224D	Y
Data Science	C	C042225D	Y
Full Stack Web Application Developer	C	C040237D	Y
Java Programming	C	C041000D	Y
Machine Learning	C	C042224D	Y
Programming Languages	C	C008225D	Y
Computer Technology			
Computer Technology	AS	C008229C	Y
Computer Technology	C	C021624D	Y
Program in A+ Certification	CS	C070810J	N

EARTH SCIENCES

Geography	AA-T	C040897G	Y
Geology	AS-T	C039789H	Y

LIFE SCIENCES

Biology	AS-T	C036049H	Y
Pre-Allied Health	AS	C038859C	Y
Pre-Allied Health	C	C038860D	Y

LIBERAL ARTS

Liberal Arts: Natural and Applied Sciences and Mathematics	AA	C019844C	Y

MATHEMATICS

Mathematics	AS-T	C033153H	Y
Mathematics	AS	C002754C	Y
Statistical Data Analytics	C	C044061D	Y

PHYSICS/ENGINEERING

Award Title	Award	Academic Plan Code	FA*
Engineering			
Engineering	AS	C008226C	Y
Physics			
Physics	AS-T	C033154H	Y
Physics	AS	C002755C	Y

Award Type

AA = Associate of Arts   AA-T = Associate in Arts for Transfer
AS = Associate of Science   AS-T = Associate in Science for Transfer
C = Certificate of Achievement   CS = Skills Certificate

FA*

FA = Financial Aid Eligible. Consult with the Financial Aid Office on award eligibility.
   Yes = Eligible for all aid.
   No = Ineligible for Federal Pell and Cal Grant, FSEOG, Work-Study, and Federal Loans.
   R = In progress.

SCHOOL OF HEALTH, CHILD AND FAMILY SCIENCES

CHILD & FAMILY STUDIES/DIETETICS

Award Title	Award Type	Academic Plan Code	FA*
Child Development			
Early Childhood Education	AS-T	C031030H	Y
Child Development	AA	C010783C	Y
Child Development Associate Teacher	C	C008236D	Y
Child Development Master Teacher	C	C008238D	Y
Child Development Site Supervisor	C	C008239D	Y
Child Development Teacher	C	C008237D	Y
Children with Special Needs	C	C038856D	Y
Infant & Toddler Studies	C	C038156D	Y
Dietetics			
Nutrition and Dietetics	AS-T	C038867H	Y
Dietetic Service Supervisor	C	C008242D	Y

DENTAL TECHNOLOGY

Award Title	Award Type	Academic Plan Code	FA*
Dental Prosthetic Technology	AS	C002748C	Y
Digital Prosthetic Dentistry	C	C038651D	Y
Dental Prosthetic Technology	C	C021626D	Y
Fixed Prosthodontics	C	C039316D	Y
Removable Prosthodontics	C	C039349D	Y

KINESIOLOGY

Award Title	Award Type	Academic Plan Code	FA*
Kinesiology	AA-T	C036026G	Y
Public Health Science	AS-T	C039577H	Y
Fitness Specialist/Personal Trainer/ Group Fitness Instructor	C	C038829D	Y
Physical Therapy Aide	C	C043016D	Y

NURSING

Award Title	Award Type	Academic Plan Code	FA*
Registered Nursing	AS	C014274C	Y

RADIOLOGIC TECHNOLOGY

Award Title	Award Type	Academic Plan Code	FA*
Radiologic Technology	AS	C002749C	Y
Patient Care	CS	C122502J	N
Radiologic Technology - Clinical Education	CS	C122500J	N
Radiologic Technology - Fluoroscopy	CS	C122501J	N

Award Type
AA = Associate of Arts   AA-T = Associate in Arts for Transfer
AS = Associate of Science   AS-T = Associate in Science for Transfer
C = Certificate of Achievement   CS = Skills Certificate

FA*
FA = Financial Aid Eligible. Consult with the Financial Aid Office on award eligibility.
   Yes = Eligible for all aid.
   No = Ineligible for Federal Pell and Cal Grant, FSEOG, Work-Study, and Federal Loans.

SCHOOL OF LANGUAGE ARTS, SOCIAL AND BEHAVIORAL SCIENCES

ADMINISTRATION OF JUSTICE/LAW

Award Title	Award Type	Academic Plan Code	FA*
Administration of Justice			
Administration of Justice	AS-T	C033121H	Y
Administration of Justice	AA	C002759C	Y
Administration of Justice	C	C019591D	Y
Fingerprint Expert	CS	C210501J	N
Law			
Law, Public Policy, and Society	AA-T	C043107G	Y
Paralegal Studies	AA	C002750C	Y
Paralegal Studies	C	C039561D	Y
Pathway to Law School	C	C039348D	Y

COMMUNICATION STUDIES

Award Title	Award Type	Academic Plan Code	FA*
Communication Studies 2.0	AA-T	C043169G	Y

ENGLISH/ESL

Award Title	Award Type	Academic Plan Code	FA*
English			
English	AA-T	C033147G	Y
English	AA	C002751C	Y
Creative Writing	AA	C043855C	Y
Creative Writing	C	C043160D	Y
ESL			
ESL Milestone - Language Arts, Oral Communication	C	C043526D	Y
ESL Milestone - Language Arts, Written Communication	C	C043527D	Y
Linguistics - English/ESL	C	C042797D	Y
Linguistics - Modern Languages	C	C042800D	Y

HUMANITIES

Award Title	Award Type	Academic Plan Code	FA*
Humanities	AA	C002767C	Y

LIBERAL ARTS & GENERAL EDUCATION

Award Title	Award Type	Academic Plan Code	FA*
Liberal Arts			
Liberal Arts: Arts and Humanities	AA	C019843C	Y
Liberal Arts: Social and Behavioral Sciences	AA	C019845C	Y
General Education			
CSU General Education Breadth	C	C018569D	N
IGETC	C	C019842D	N

MODERN LANGUAGES & CIVILIZATIONS

Award Title	Award Type	Academic Plan Code	FA*
American Sign Language			
American Sign Language	C	C036007D	Y
Armenian			
Armenian Language and Literature	C	C041527D	Y
Chinese			
Chinese	AA	C002745C	Y
Chinese Language and Civilization - Elementary Level	C	C040886D	Y
Chinese Language and Civilization - Intermediate Level	C	C040887D	Y

Award Title	Award Type	Academic Plan Code	FA*
French			
French	AA	C002741C	Y
French Language and Civilization - Elementary Level	C	C040888D	Y
French Language and Civilization - Intermediate Level	C	C040889D	Y
Japanese			
Japanese	AA	C002746C	Y
Japanese Language and Civilization - Elementary Level	C	C035344D	Y
Japanese Language and Civilization - Intermediate Level	C	C035339D	Y
Korean			
Korean	AA	C018809C	Y
Korean Language and Civilization - Elementary Level	C	C035340D	Y
Korean Language and Civilization - Intermediate Level	C	C035341D	Y
Russian			
Russian Language and Civilization - Elementary Level	C	C036347D	Y
Russian Language and Civilization - Intermediate Level	C	C036348D	Y
Spanish			
Spanish	AA-T	C038385G	Y
Spanish	AA	C002744C	Y
Spanish Language and Civilization - Elementary Level	C	C035338D	Y
Spanish Language and Civilization - Intermediate Level	C	C035337D	Y

PHILOSOPHY			
Philosophy	AA-T	C038857G	Y

PSYCHOLOGY/HUMAN SERVICES			
Psychology	AA-T	C032502G	Y
Social Work and Human Services	AA-T	C043211G	Y
Human Services: Addiction Studies	AA	C008246C	Y
Human Services: Generalist	AA	C002760C	Y
Human Services: Addiction Studies	C	C021629D	Y
Human Services: Generalist	C	C021628D	Y

SOCIAL SCIENCES			
African-American Studies			
African American Studies	CS	C220302J	N
Political Science			
Political Science	AA-T	C032923G	Y
Social Justice			
Social Justice Studies: General	AA-T	C038010G	Y
Sociology			
Sociology	AA-T	C041478G	Y

SCHOOL OF VISUAL, PERFORMING, AND ENTERTAINMENT ARTS

CINEMA/TELEVISION			
Award Title	**Award Type**	**Academic Plan Code**	**FA***
Cinema			
Film, Television, and Electronic Media	AS-T	C037221H	Y
Cinema Production	AA	C002729C	Y
Cinema Directing	C	C040643D	Y
Cinema Post Production	C	C040661D	Y
Cinema Producing	C	C040642D	Y
Cinema Production	C	C021620D	Y
Cinema/Video Production	C	C010773D	Y
Cinematography	C	C040644D	Y
Entertainment Industry: Production Assistant	C	C040998D	N
Screenwriting	C	C040997D	Y
Sound for Film	C	C042564D	Y
Television			
Television Production	AA	C008220C	Y
Unscripted Television Production	C	C021619D	Y
Beginning Cinema & Television Production	CS	C060422J	N

LIBERAL ARTS			
Liberal Arts: Performing and Visual Arts	AA	C030211C	Y

MUSIC			
Music	AA-T	C032496G	Y
Music	AA	C002736C	Y
Instrumental Performer	C	C010777D	Y
Music Songwriting and Composition	C	C036658D	Y
Music Technology	C	C038233D	Y
Vocal Performer	C	C010778D	Y

THEATER ARTS			
Theater - Acting			
Theatre Arts	AA-T	C033157G	Y
Theater Academy Acting	AA	C008234C	Y
Professional Actor Training - Level 1	C	C040592D	Y
Professional Actor Training - Level 2	C	C040593D	Y
Professional Actor Training - Level 3	C	C040596D	Y
Theater - Costume Design			
Costume Design Level 1	C	C040987D	Y
Costume Design Level 2	C	C031738D	Y
Theater - Technical			
Technical Theater Level 1	C	C040996D	Y
Technical Theater Level 2	C	C031547D	Y

Award Title	Award Type	Academic Plan Code	FA*
VISUAL ARTS AND DESIGN			
Art			
Studio Arts	AA-T	C033120G	Y
Art - General	AA	C002735C	Y
Graphic Design	AA	C002739C	Y
Animation Foundation	C	C038605D	Y
Arts Graphic Communication	C	C035349D	Y
Game Art & Design Foundation	C	C042506D	Y
Game Art & Design Production	C	C042507D	Y
Illustration	C	C041002D	Y
Art History			
Art History	AA-T	C032832G	Y
Journalism			
Journalism	AA-T	C033155G	Y
Journalism	AA	C002728C	Y
Photography			
Applied Photography	AA	C008235C	Y
Photography: Digital	C	C010780D	Y
Digital Photography	CS	C101210J	N

SCHOOL OF NONCREDIT AND ADULT EDUCATION

Award Title	Award Type	Academic Plan Code
Academic Preparation	COC	C036581E
Adult Basic Education	COC	C040907F
Banquet & Restaurant Server	CCL	C039614E
Beginning English as a Second Language	COC	C036668E
Beginning ESL & Civics with Technology I	COC	C044024F
Beginning ESL & Civics with Technology II	COC	C044023F
Behavior Technician: Autism	COC	C043867E
Behavior Technician: Preparation	COC	C043866E
Career Discovery Skills	CCL	C024387E
Child Development Readiness	CCL	C036277F
Computer Skills for the Workplace	CCL	C039702E
College Readiness Math Fundamentals I	COC	C040127F
College Readiness Math Fundamentals II	COC	C040128F
Customer Service Skills	CCL	C024294E
E-Commerce	CCL	C041257E
English as a Second Language-Civics	COC	C024344E
English as a Second Language-Conversation	COC	C042057F
English as a Second Language-Pronunciation	COC	C041252E
English for Speakers of Other Languages-Level I	COC	C042058F
English for Speakers of Other Languages-Level II	COC	C042059F
Entrepreneurship Skills	CCL	C024069F
Food Handler's Preparation	CCL	C040524E
Food Service Manager Skills Preparation	CCL	C040543E

Award Title	Award Type	Academic Plan Code
Front Desk Representative & Reservationist	CCL	C039616E
Gig Economy Success Kit	CCL	C040193E
Global Business	CCL	C041258E
Guestroom Attendant	CCL	C039617E
Health Careers Readiness	CCL	C035936E
Healthcare Services	CCL	C041255E
High School Equivalency Test Preparation	COC	C036276E
Hospitality	CCL	C024118F
In-Home Supportive Services Skills	CCL	C024446E
International Marketing Professional	CCL	C041259E
Interpersonal Skills for the Workplace	CCL	C042068E
Introduction to Computers	CCL	C039703E
Introduction to Patient Transporting	COC	C044082E
Job Readiness	CCL	C024071E
Law and Ethics in Business	CCL	C041271E
Literacy Level ESL	COC	C038723F
Medical Assistant: Back Office	CCL	C042201E
Medical Assistant: Front Office	CCL	C042227E
Medical Interpretation	CCL	C040199E
Medical Terminology for Career Readiness	CCL	C040132E
Optician Technician	CCL	C042299E
Pathway to Citizenship	CCL	C044022E
Personal Financial Responsibility	COC	C043793E
Phlebotomy Technician	CCL	C040138E
Professionalism & Success in Healthcare Occupations	CCL	C041256E
Retail Sales and Customer Service	CCL	C042649E
Retail Supervisory and Management	CCL	C042650E
Roadmap to People Management	CCL	C043226E
Technical Office Occupation Skills	CCL	C039327E
Technology for Success in the Workplace	CCL	C039615E
The Urban Ambassadors	CCL	C040139E
Vocational English as a Second Language I	COC	C024099E
Vocational English as a Second Language II	COC	C036275E
Warehouse & Distribution: Lead	COC	C043708E
Warehouse & Distribution: Worker	COC	C043631E
Workforce Literacy Skills	CCL	C024016E
Workplace Success I - Creativity in the Workplace	CCL	C039190E
Workplace Success II - Creative Leadership	CCL	C039043E

Award Type

AA = Associate of Arts   AA-T = Associate in Arts for Transfer
AS = Associate of Science   AS-T = Associate in Science for Transfer
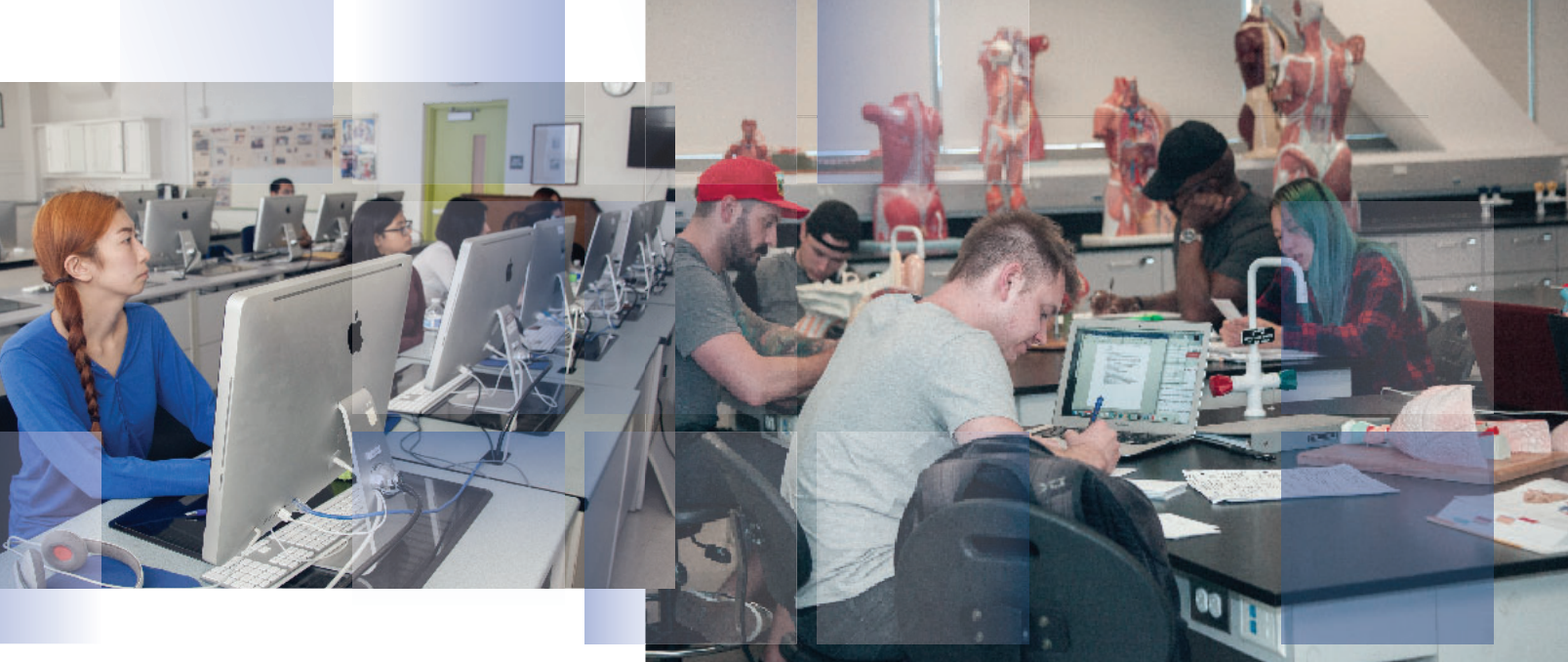C = Certificate of Achievement   CS = Skills Certificate
CCL = Certificate of Completion   COC = Certificate of Competency

FA*

FA = Financial Aid Eligible. Consult with the Financial Aid Office on award eligibility.

   Yes = Eligible for all aid.

  No = Ineligible for Federal Pell and Cal Grant, FSEOG, Work-Study, and Federal Loans.

The School of Business, Science, Technology, Engineering, and Math (BSTEM)

The School of Business, Science, Technology, Engineering, and Math (BSTEM) provides students with a wide range of educational and career opportunities in Business, Chemistry, Computer Science, Earth Sciences, Life Sciences, Mathematics, and Physics/Engineering. The School of BSTEM provides students with a comprehensive education in key disciplines, preparing them for successful careers or further academic pursuits in a rapidly evolving global landscape.

BUSINESS

In the Business pathway, students learn the disciplines of Accounting, Business Administration, Finance and Banking, Management, Marketing, and Real Estate, preparing them for various roles in the business world.

SCIENCE, TECHNOLOGY, ENGINEERING, AND MATH (STEM)

The Chemistry pathway prepares students for careers in health care, technology, consumer industries, and environmental management, among others. The Physics/Engineering pathway gives students the opportunity to explore the principles of the physical world and apply them to real-world challenges. Earth Science programs in Geography and Geology provide students with a deep understanding of our planet and its physical processes. The Life Sciences pathways of Biology and Pre-Allied Health prepare students for careers in healthcare, research, and related fields.

The Computer Applications and Office Technologies, Computer Science, and Computer Technology pathways equip students with the skills needed for positions ranging from software development to cybersecurity and administrative support.

Mathematics programs cover a wide spectrum, from foundational math courses to advanced topics like Statistical Data Analytics, ensuring students have the quantitative skills necessary for success in their chosen fields.

Business

Department Chair: Britt Hastey
For more information visit:
www.lacc.edu/academics/departments

ACCOUNTING

OVERVIEW

The demand for qualified personnel in accounting and bookkeeping has significantly increased due to advances in technology and the increased complexity of the business environment. Our programs are designed for students seeking entry-level positions in accounting, auditing, bookkeeping, payroll, and tax preparation, or for those currently employed in the accounting industry who want to upgrade their skills. All our programs are designed to give the student an extensive background in the principles and practices of accounting in the business world. The AA degree offers a more comprehensive curriculum than the certificate programs and prepares the student to transfer to a four-year university and earn a bachelor's degree.

PROGRAMS OFFERED

AWARD	AWARD TYPE	ACADEMIC PLAN	MAJOR UNITS	FA*
Accounting	AA	C002719C	42	Y
Computerized Bookkeeping and Accounting Technician	C	C008211D	20	Y
Income Tax	CS	C050210J	9	N
*FA = Financial Aid Eligible. Yes = Eligible for all aid. No = Ineligible for Federal Pell and Cal Grant, FSEOG, Federal Work-Study, and Federal Loans. Please consult with Financial Aid Office on award eligibility.				

Accounting

Associate of Arts (AA) Degree

Major Units: 42   *Total Units: Minimum of 60*
(State Code: 02719; TOP Code: 050200; Academic Plan: C002719C)

The Accounting AA degree is designed for students who are interested in a career in accounting as a public accountant in private industry or in public service. The program prepares students for employment in entry-level positions such as junior accountants, auditing clerks, payroll clerks, and tax preparers, or for those who are interested in continuing their education in pursuit of a bachelor's degree in Accounting. Students who already possess a bachelor's degree and contemplate preparing for the Certified Public Accountant (CPA) license should contact the State Board of Accountancy for eligibility requirements at http://dca.ca.gov/cba

PROGRAM STUDENT LEARNING OUTCOMES

1. Practice and implement ethical guidelines in dealing with related party transactions per current AICPA guidelines.
2. Prepare a set of financial statements for a sole proprietorship form of business.
3. Prepare traditional and contribution-margin income statements and define related terms.
4. Examine the relationship between audit risk, audit evidence and financial statement assertions.
5. Prepare payroll tax returns and reports.
6. Demonstrate an understanding on how cost accounting methods, procedures, and techniques are used to determine product or service cost.

PROGRAM REQUIREMENTS

Requirements for the Accounting Associate of Arts degree may be met by completing: (a) 42 units of major core courses with a grade of "C" or better; (b) all general education requirements (English and Math must be completed with a grade of "C" or better); (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken at LACCD.

MAJOR CORE COURSES (42 UNITS)

ACCTG 001	INTRODUCTORY ACCOUNTING I	5
ACCTG 002	INTRODUCTORY ACCOUNTING II	5
ACCTG 011	COST ACCOUNTING	3
ACCTG 012	AUDITING	3
ACCTG 015	TAX ACCOUNTING I	3
ACCTG 016	TAX ACCOUNTING II	3
ACCTG 017	PAYROLL ACCOUNTING	2
ACCTG 019	ETHICS FOR ACCOUNTING PROFESSIONALS	3
ACCTG 023	RECORDKEEPING FOR SMALL BUSINESS	3
ACCT 031 OR	MATHEMATICS OF ACCOUNTING	3
BUS 038	BUSINESS COMPUTATIONS	3
BUS 001	INTRODUCTION TO BUSINESS	3
BUS 017	COMPUTER USES FOR BUSINESS	3
FINANCE 001 OR	PRINCIPLES OF FINANCE	3
FINANCE 002 OR	INVESTMENTS	3
INT BUS 001	INTERNATIONAL TRADE	3

Computerized Bookkeeping and Accounting Technician

Certificate of Achievement

Major Units: 20
(State Code: 08211; TOP Code: 050200; Academic Plan: C008211D)

This certificate of achievement is designed for students who want to work in accounting-related fields specific to accounting technicians. Jobs in the field include accounting technicians and auditing/payroll/timekeeping clerks. The program has been structured so it can be completed in two semesters. Students wanting to continue their education in accounting-related fields should pursue the AA degree in Accounting.

PROGRAM STUDENT LEARNING OUTCOMES

1. Construct and format a Microsoft PowerPoint slide presentation and Microsoft Excel spreadsheet for the business audience.
2. Apply, analyze, and execute service company worksheets.
3. Analyze and record various accounting cycle tasks for a sole proprietorship business.

PROGRAM REQUIREMENTS

Requirements for the Computerized Bookkeeping and Accounting Technician certificate of achievement may be met by completing 20 units of required courses with a grade of "C" or better.

REQUIRED COURSES (20 UNITS)

ACCTG 017	PAYROLL ACCOUNTING	2
ACCTG 019	ETHICS FOR ACCOUNTING PROFESSIONALS	3
ACCTG 021	BOOKKEEPING AND ACCOUNTING I	3
ACCTG 022	BOOKKEEPING AND ACCOUNTING II	3
ACCTG 023	RECORDKEEPING FOR SMALL BUSINESS	3
ACCTG 031 OR	MATHEMATICS OF ACCOUNTING	3
BUS 038	BUSINESS COMPUTATIONS	3
BUS 017	COMPUTER USES FOR BUSINESS	3

Income Tax

Skills Certificate

Major Units: 9
(TOP Code: 050210; Academic Plan: C050210J)

The Income Tax skills certificate is designed for students who want to work in accounting-related fields specific to taxation. Jobs in this field include tax preparers, tax examiners, and tax collectors. This program has been structured so it may be completed in one semester. Students wanting to continue their education in accounting-related fields should pursue the Computerized Bookkeeping and Accounting Technician certificate of achievement and then the AA degree in Accounting.

PROGRAM STUDENT LEARNING OUTCOMES

1. Prepare a 1040 tax form for a taxpayer following the appropriate regulations.
2. Identify and analyze various ethical dilemmas involved in related party transactions based on the rules used by the Internal Revenue Service.

PROGRAM REQUIREMENTS

Requirements for the Income Tax skills certificate may be met by completing 9 units of required courses with a grade of "C" or better.

REQUIRED COURSES (9 UNITS)

ACCTG 015	TAX ACCOUNTING I	3
ACCTG 016	TAX ACCOUNTING II	3
ACCTG 019	ETHICS FOR ACCOUNTING PROFESSIONALS	3

BUSINESS ADMINISTRATION

OVERVIEW

Our programs in Business Administration are designed for students seeking entry-level positions in general areas of business commerce, finance, economics, international business management, and marketing, or for those currently employed in industry who want to upgrade their skills. Our programs provide students an extensive background in the principles and practices of the business world. The degree programs offer a more comprehensive curriculum than the certificate program, and the AS-T prepares the student to transfer to a four-year university.

PROGRAMS OFFERED

AWARD	AWARD TYPE	ACADEMIC PLAN	MAJOR UNITS	FA*
Business Administration 2.0	AS-T	C041090H	28-31	Y
Business Administration	AA	C002718C	39	Y
Business Administration	C	C021609D	22	Y

*FA = Financial Aid Eligible. Yes = Eligible for all aid.
No = Ineligible for Federal Pell and Cal Grant, FSEOG, Federal Work-Study, and Federal Loans. Please consult with Financial Aid Office on award eligibility.

Business Administration 2.0

Associate in Science (AS-T) Degree

Major Units: 28-31   Total Units: Minimum of 60
(State Code: 41090; TOP Code: 050500; Academic Plan: C041090H)

The Business Administration 2.0 Associate in Science for Transfer degree provides the foundation for students planning to transfer to a four-year college or university and includes core requirements in accounting, economics, and information systems. The degree provides students with an understanding of basic business practices, including operations, methods, and purpose, and an introduction to the major functional areas within business.

To earn the AS-T, students must meet the following requirements:

a. Completion of 60 semester units that are eligible for transfer to the California State University by completing the following:

- The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth (CSU GE-Breadth) requirements; and
- A minimum of 18 semester units in a major or area of emphasis, as approved by the CCC Chancellor's Office.

b. A minimum grade point average of 2.0 or higher. Students completing this degree will have satisfied the lower division major preparation and transfer requirements for priority admission consideration to a local CSU campus.

PROGRAM STUDENT LEARNING OUTCOMES

1. Prepare a business plan.
2. Analyze and explain human relations and their implication for management and their employees.
3. Evaluate the use of financial budgeting concepts to make sound decisions in managing their personal finances.
4. Write a short essay in response to a given topic on the major concepts of a business organization from the following: management, marketing, finances, human resources, economics, legal forms of business ownership and international/global environments.
5. Demonstrate an industry standard skill-set when using relevant technology resources.

PROGRAM REQUIREMENTS

Requirements for the Business Administration 2.0 Associate in Science transfer degree may be met by completing: (a) 19 units of major core courses, 3-5 units from the Math list, 3-4 units from the Statistics list, and 3 units from the Business or Business Writing list with a grade of "C" or better; (b) all CSU GE-Breadth requirements of which Subject Areas A1, A2, A3, and B4 (The "Golden Four") must be completed with a grade of "C-" or better; (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken at LACCD.

MAJOR CORE COURSES (19 UNITS)

ACCTG 001	INTRODUCTORY ACCOUNTING I	5
ACCTG 002	INTRODUCTORY ACCOUNTING II	5
ECON 001	PRINCIPLES OF MICROECONOMICS	3
ECON 002	PRINCIPLES OF MACROECONOMICS	3
LAW 001	BUSINESS LAW I	3

MATH – SELECT ONE OF THE FOLLOWING:

MATH 230	MATHEMATICS FOR LIBERAL ARTS STUDENTS	3
MATH 236	CALCULUS FOR BUSINESS AND SOCIAL SCIENCE	5
MATH 261	CALCULUS I	5
MATH 261S	CALCULUS I WITH SUPPORT	5

STATISTICS – SELECT ONE OF THE FOLLOWING:

BUS 015	BUSINESS STATISTICS	3
MATH 227	STATISTICS	4
MATH 227S	STATISTICS WITH SUPPORT	4
MATH 229	STATISTICS FOR DATA SCIENCE	4
SOC 125	STATISTICS FOR THE SOCIAL SCIENCES	3

BUSINESS OR BUSINESS WRITING – SELECT ONE OF THE FOLLOWING:

BUS 001	INTRODUCTION TO BUSINESS	3
CAOT 032	BUSINESS COMMUNICATIONS	3
SUPV 012	WRITTEN COMMUNICATIONS FOR SUPERVISORS	3

Business Administration

Associate of Arts (AA) Degree

Major Units: 39   Total Units: Minimum of 60
(State Code: 02718; TOP CODE: 050100; Academic Plan: C002718C)

The Business Administration curriculum is designed for students who are interested in an encompassing, formal business education. Upon successful completion of this program, the student will have an extensive background in the principles and practices of the business world. This program prepares students for employment in entry level positions such as administrative services managers, management analysts, operations managers, production managers, or sales managers.

PROGRAM STUDENT LEARNING OUTCOMES

1. Explain the major concepts of business organization.
2. Identify how business operates in an international/global environment including legal, social, cultural, and interdependence and integrated financial markets.
3. Establish a corporation's vision and strategic goals, while adhering to its set of corporate values.
4. Apply supervisory concepts to solve workplace problems.
5. Demonstrate an awareness of the appropriate language in written and oral communications.
6. Analyze the core components of the marketing concept and determine effective marketing programs, marketing mixes, SWOT analyses, and segmentation.
7. Construct and format a Microsoft PowerPoint slide presentation and Microsoft Excel spreadsheet for the business audience.

PROGRAM REQUIREMENTS

Requirements for the Business Administration Associate of Arts degree may be met by completing: (a) 27 units of major core courses and 12 units of elective courses with a grade of "C" or better; (b) all general education requirements (English and Math must be completed with a grade of "C" or better); (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken at LACCD.

MAJOR CORE COURSES (27 UNITS)

ACCTG 021	BOOKKEEPING AND ACCOUNTING I	3
BUS 001 OR	INTRODUCTION TO BUSINESS	3
SUPV 012	WRITTEN COMMUNICATIONS FOR SUPERVISORS	3
BUS 017	COMPUTER USES FOR BUSINESS	3
BUS 038 OR	BUSINESS COMPUTATIONS	3
ACCTG 031	MATHEMATICS OF ACCOUNTING	3
ECON 001 OR	PRINCIPLES OF MICROECONOMICS	3
ECON 002	PRINCIPLES OF MACROECONOMICS	3
FINANCE 001	PRINCIPLES OF FINANCE	3
INTBUS 001	INTERNATIONAL TRADE	3
MARKET 021	PRINCIPLES OF MARKETING	3
SUPV 001	ELEMENTS OF SUPERVISION	3

ELECTIVE COURSES (SELECT 12 UNITS)

FINANCE 002	INVESTMENTS	3
FINANCE 008	PERSONAL FINANCE AND INVESTMENTS	3
FINANCE 015	PRINCIPLES OF BANKING	3
MGMT 002	ORGANIZATION AND MANAGEMENT THEORY	3
MGMT 013	SMALL BUSINESS ENTREPRENEURSHIP	3
MGMT 031	HUMAN RELATIONS FOR EMPLOYEES	3
MGMT 033	HUMAN CAPITAL MANAGEMENT	3
MARKET 001	PRINCIPLES OF SELLING	3
MARKET 011	FUNDAMENTALS OF ADVERTISING	3
MARKET 031	RETAIL MERCHANDISING	3
INTBUS 006	INTERNATIONAL MARKETING I	3
REAL ES 001	REAL ESTATE PRINCIPLES	3
REAL ES 003	REAL ESTATE PRACTICES	3
REAL ES 005	LEGAL ASPECTS OF REAL ESTATE I	3
REAL ES 006	LEGAL ASPECTS OF REAL ESTATE II	3
REAL ES 007	REAL ESTATE FINANCE I	3
REAL ES 009	REAL ESTATE APPRAISAL I	3
REAL ES 011	ESCROW PRINCIPLES	3
REAL ES 014	PROPERTY MANAGEMENT	3
REAL ES 018	REAL ESTATE INVESTMENTS I	3
REAL ES 021	REAL ESTATE ECONOMICS	3

Business Administration

Certificate of Achievement

Major Units: 22
(State Code: 21609; TOP Code: 050100; Academic Plan: C021609D)

The Business Administration certificate of achievement is designed for students who want to work in general business-related fields in both the public and private sector. Students acquire a broad fundamental knowledge of the theory and practice of business and the skills needed to successfully apply their knowledge in a professional environment. The program is structured so it may be completed in two semesters. The program serves as an excellent pathway in to the AS-T degree in Business Administration or the AA degree in Business Administration.

PROGRAM STUDENT LEARNING OUTCOMES

1. Identify how business operates in an international/global environment including legal, social, cultural, and interdependence and integrated financial markets.
2. Analyze the effects of government intervention in the economy.
3. Perform statistical calculations based on business scenarios involving sample space, probability descriptive statistics, frequency distribution, sampling distribution, estimation, and significance tests.

PROGRAM REQUIREMENTS

Requirements for the Business Administration certificate of achievement may be met by completing 22 units of required courses and 3 units of elective courses with a grade of "C" or better.

REQUIRED COURSES (22 UNITS)

ACCTG 001	INTRODUCTORY ACCOUNTING I	5
ACCTG 002	INTRODUCTORY ACCOUNTING II	5
BUS 001 OR	INTRODUCTION TO BUSINESS	3
SUPV 012	WRITTEN COMMUNICATIONS FOR SUPERVISORS	3
BUS 015	BUSINESS STATISTICS	3
ECON 001	PRINCIPLES OF MICROECONOMICS	3
ECON 002	PRINCIPLES OF MACROECONOMICS	3

ECONOMICS

OVERVIEW

The Economics curriculum is designed for students who are interested in an encompassing, formal economics education. In the Economics discipline, we offer the Associate in Arts for Transfer (AA-T) degree. Upon successful completion of this program, the student will have a broad fundamental knowledge of the principles and practices of economic policy and theory, and the skills needed to successfully apply their knowledge in a professional environment. Career opportunities include economist, data analyst, economics researcher, and economics professor.

PROGRAM OFFERED

AWARD	AWARD TYPE	ACADEMIC PLAN	MAJOR UNITS	FA*
Economics	AA-T	C040566G	20-25	Y
*FA = Financial Aid Eligible. Yes = Eligible for all aid. No = Ineligible for Federal Pell and Cal Grant, FSEOG, Federal Work-Study, and Federal Loans. Please consult with Financial Aid Office on award eligibility.				

Economics

Associate in Arts (AA-T) Degree

Major Units: 20-25   Total Units: Minimum of 60
(State Code: 40566; TOP Code: 220400; Academic Plan: C040566G)

The Associate in Arts in Economics for Transfer (AA-T) degree meets the lower division course requirements necessary for the California State University (CSU) system. The Economics curriculum is designed for students who are interested in an encompassing, formal economics education. Upon successful completion of this program, the student will have an extensive background in the principles and practices of economic policy and theory. Students will acquire a broad fundamental knowledge of the theory and practice of economics and the skills needed to successfully apply their knowledge in a professional environment.

Economics is the science that deals with the production, distribution and consumption of goods and services. Economists attempt to understand the economy and the way it responds to various influences such as changes in federal interest rates. While there are many subdivisions in the study of economics, two major ones are macroeconomics and microeconomics. Macroeconomics is the study of the entire system of economics. Microeconomics is the study of how the system affects one business or parts of the economic system.

To earn the AA-T, students must meet the following requirements:

a. Completion of 60 semester units that are eligible for transfer to the California State University by completing the following:

- The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth (CSU GE-Breadth) requirements; and
- A minimum of 18 semester units in a major or area of emphasis, as approved by the CCC Chancellor's Office.

b. A minimum grade point average of 2.0 or higher. Students completing this degree will have satisfied the lower division major preparation and transfer requirements for priority admission consideration to a local CSU campus.

PROGRAM STUDENT LEARNING OUTCOMES

1. Use a cost-benefit analysis at the margin to analyze the behavior of economic agents.
2. Analyze the workings of the market.
3. Analyze the response of the economy to a disturbance.
4. Analyze the effects of government intervention in the economy.
5. Apply basic concepts of probability and probability distributions to computing probabilities related to real world problems.
6. Prepare multiple step income statements, retained earnings statements and report forms of classified balance sheets.
7. Solve application problems involving optimization.

PROGRAM REQUIREMENTS

Requirements for the Economics Associate in Arts transfer degree may be met by completing: (a) 14-15 units of major core courses, 3-5 units from "List A," and 3-5 units from "List B" with a grade of "C" or better; (b) all CSU GE-Breadth requirements of which Subject Areas A1, A2, A3, and B4 (The "Golden Four") must be completed with a grade of "C-" or better; (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken at LACCD.

MAJOR CORE COURSES (14-15 UNITS)

ECON 001	PRINCIPLES OF MICROECONOMICS...................3	
ECON 002	PRINCIPLES OF MACROECONOMICS.................3	

SELECT ONE COURSE (3-4 UNITS)

BUS 015	BUSINESS STATISTICS................................3	
MATH 227	STATISTICS 4	
MATH 227S	STATISTICS WITH SUPPORT..........................4	
MATH 229	STATISTICS FOR DATA SCIENCE 4	
SOC 125	STATISTICS FOR THE SOCIAL SCIENCES 3	

SELECT ONE COURSE (5 UNITS)

MATH 236	CALCULUS FOR BUSINESS AND SOCIAL SCIENCE 5	
MATH 261	CALCULUS I...5	
MATH 261S	CALCULUS I WITH SUPPORT 5	

LIST A: SELECT ONE COURSE (3-5 UNITS)

ACCT 001	INTRODUCTORY ACCOUNTING I......................5	
ACCT 002	PRINCIPLES OF MANAGERIAL ACCOUNTING.........5	
BUS 001	INTRODUCTION TO BUSINESS 3	
BUS 017	COMPUTER USES FOR BUSINESS.....................3	
CAOT 032	BUSINESS COMMUNICATIONS.......................3	
CIS 101	INTRODUCTION TO COMPUTERS AND THEIR USES ...3	
MATH 230	MATHEMATICS FOR LIBERAL ARTS STUDENTS........3	
MATH 262	CALCULUS II..5	
SUPV 012	WRITTEN COMMUNICATIONS FOR SUPERVISORS.....3	

LIST B: SELECT ONE COURSE (3-5 UNITS)

MATH 263	CALCULUS III 5	
MATH 270	LINEAR ALGEBRA 3	

OR ANY COURSE APPROVED FOR CSUGE AREA D SOCIAL SCIENCES OR IGETC AREA 4 SOCIAL SCIENCE

FINANCE

OVERVIEW

The Finance curriculum is designed for students who plan to enter entry-level positions in bank telling, bill and account collecting, credit authorizing and counseling, and statistical assisting. In the Finance discipline, we offer a certificate of achievement in Finance and Banking which is designed to give the student an extensive background in the principles and practices of banking and invest-ment in the financial industry.

Our programs have been identified and included in the Federal Deposit Insurance Corporation's (FDIC) Directory of College and University Degree Programs: www.fdic.gov/regulations/resources/cbi/degree.html

The directory reflects the importance of community banks to the nation's economy, and presents an opportunity to identify banking degree programs offered by colleges and universities. The direc-tory also aids prospective students in evaluating their educational and career options, and aids community bankers in identifying and hiring talent.

PROGRAMS OFFERED

AWARD	AWARD TYPE	ACADEMIC PLAN	MAJOR UNITS	FA*
Finance and Banking	C	C021610D	18	Y
*FA = Financial Aid Eligible. Yes = Eligible for all aid.				
No = Ineligible for Federal Pell and Cal Grant, FSEOG, Federal Work-Study, and Federal Loans.				
Please consult with Financial Aid Office on award eligibility.				

Finance and Banking

Certificate of Achievement

Major Units: 18
(State Code: 21610; TOP Code: 050400; Academic Plan: C021610D)

The Finance and Banking certificate of achievement is designed for students who are interested in a career in the banking and finance industries. Upon successful completion of the program, the student will have a broad understanding of the principles and practices of the financial world. The program prepares students for employment in entry level positions such as loan interviewers and clerks, new accounts clerks, and tellers.

PROGRAM STUDENT LEARNING OUTCOMES

1. Utilize one or more of several stock selection techniques to choose companies to invest in and value its stock.
2. Research and analyze personal money management concepts and techniques.
3. Assess general banking policy decisions to be made and/or implemented at a Federal Open Market Committee (FOMC) meeting.
4. Examine and analyze financial instruments (e.g., formulas, rate of return, etc.) and financial principles as applied to various businesses.

PROGRAM REQUIREMENTS

Requirements for the Finance and Banking certificate of achieve-ment may be met by completing 18 units of required courses with a grade of "C" or better.

REQUIRED COURSES (18 UNITS)

BUS 001	INTRODUCTION TO BUSINESS	3
OR		
SUPV 012	WRITTEN COMMUNICATIONS FOR SUPERVISORS	3
BUS 038	BUSINESS COMPUTATIONS	3
OR		
ACCTG 031	MATHEMATICS OF ACCOUNTING	3
FINANCE 001	PRINCIPLES OF FINANCE	3
FINANCE 002	INVESTMENTS	3
FINANCE 008	PERSONAL FINANCE AND INVESTMENTS	3
FINANCE 015	PRINCIPLES OF BANKING	3

MANAGEMENT

OVERVIEW

Our programs in Management are designed for students seeking entry-level positions in general areas of business management, general management, industrial management, management analysts, operations management, sales management, and supervisory management, or for those currently employed in industry who want to upgrade their skills. Both programs are designed to give the student an extensive background in the principles and practices of management in the business world. The degree program offers a more comprehensive curriculum than the certificate programs and allows the student to transfer to a four-year university where a bachelor's degree can be earned.

PROGRAMS OFFERED

AWARD	AWARD TYPE	ACADEMIC PLAN	MAJOR UNITS	FA*
Management	C	C021611D	18	Y
Retail Management (WAFC)	C	C014232D	24	Y

*FA = Financial Aid Eligible. Yes = Eligible for all aid.
No = Ineligible for Federal Pell and Cal Grant, FSEOG, Federal Work-Study, and Federal Loans. Please consult with Financial Aid Office on award eligibility.

Management

Certificate of Achievement

Major Units: 18
(State Code: 21611; TOP Code: 050600; Academic Plan: C021611D)

The Management certificate of achievement is designed for students who want to work in general management-related fields in both the public and private sector. The program has been structured so it may be completed in two semesters, and students will acquire a broad fundamental knowledge of the theory and practice of managerial positions, and the skill sets needed for leadership positions. Employment opportunities include general supervisory and assistant manager positions in various industries.

PROGRAM STUDENT LEARNING OUTCOMES

1. Research and analyze job analysis data for the job descriptions and job specifications of an occupation.
2. Determine the appropriate style flexing methods necessary to create and maintain effective interpersonal relationships.
3. Apply supervisory concepts to solve workplace problems.
4. Perform various Human Resources functions such as recruiting, selecting, training, appraising, and rewarding techniques.

PROGRAM REQUIREMENTS

Requirements for the Management certificate of achievement may be met by completing 18 units of required courses with a grade of "C" or better.

REQUIRED COURSES (SELECT 18 UNITS)
BUS 001 OR	INTRODUCTION TO BUSINESS	3
SUPV 012	WRITTEN COMMUNICATIONS FOR SUPERVISORS	3
MGMT 002	ORGANIZATION AND MANAGEMENT THEORY	3
MGMT 013	SMALL BUSINESS ENTREPRENEURSHIP	3
MGMT 031	HUMAN RELATIONS FOR EMPLOYEES	3
MGMT 033	HUMAN CAPITAL MANAGEMENT	3
SUPV 001	ELEMENTS OF SUPERVISION	3

Retail Management (WAFC)

Certificate of Achievement

Major Units: 24
(State Code: 14232; TOP Code: 050650; Academic Plan: C014232D)

The Retail Management certificate of achievement is an accredited business program by the Western Association of Food Chains (WAFC). The program provides the skills needed to get started or advance a career in the retail industry. The certificate has been recognized as a part of the White House's Upskill Initiative, and leading organizations and foundations including the ACT Foundation and the U.S. Department of Labor.

The certificate of achievement is designed for students who are interested in a career in the retail and service-oriented industry. The certificate is a nationally recognized, accredited college program developed by retail industry experts and community college leaders to prepare retail employees for positions in management. Students who complete this academic program gain the knowledge, skills, abilities, and confidence that empower them to become successful leaders in retail and service-oriented companies. This certificate can be completed in less than one year. For more information about this program or about the WAFC accrediting body, see http://wafc.com/ and https://retailmanagementcertificate.com/

PROGRAM STUDENT LEARNING OUTCOMES

1. Illustrate a standard overall retail merchandising strategy.
2. Analyze the core components of the marketing concept and determine effective marketing programs, marketing mixes, SWOT analyses, and segmentation strategies.
3. Perform various Human Resources functions such as recruiting, selecting, training, appraising, and rewarding techniques.

PROGRAM REQUIREMENTS

Requirements for the Retail Management (WAFC) certificate of achievement may be met by completing 24 units of required courses with a grade of "C" or better.

REQUIRED COURSES (24 UNITS)
ACCTG 021	BOOKKEEPING AND ACCOUNTING I	3
BUS 017	COMPUTER USES FOR BUSINESS	3
MARKET 021	PRINCIPLES OF MARKETING	3
MARKET 031	RETAIL MERCHANDISING	3
MGMT 002	ORGANIZATION AND MANAGEMENT THEORY	3
MGMT 031	HUMAN RELATIONS FOR EMPLOYEES	3
MGMT 033	HUMAN CAPITAL MANAGEMENT	3
SUPV 012	WRITTEN COMMUNICATIONS FOR SUPERVISORS	3

MARKETING

OVERVIEW

The Marketing curriculum is designed for students who plan to enter entry-level positions in marketing and related areas such as advertising, customer relations, market research, retail, sales, shipping and receiving, transportation, and wholesale. The Marketing Certificate of Achievement is designed to give the student an extensive background in the principles and practices of marketing in the business world.

PROGRAMS OFFERED

AWARD	AWARD TYPE	ACADEMIC PLAN	MAJOR UNITS	FA*
Marketing	C	C021613D	18	Y
*FA = Financial Aid Eligible. Yes = Eligible for all aid. No = Ineligible for Federal Pell and Cal Grant, FSEOG, Federal Work-Study, and Federal Loans. Please consult with Financial Aid Office on award eligibility.				

Marketing

Certificate of Achievement

Major Units: 18
(State Code: 21613; TOP Code: 050900; Academic Plan: C021613D)

Designed to provide the student with a general knowledge of Marketing concepts including price, product, place and promotion, target marketing, SWOT analysis, and retailing. Employment opportunities include entry-level positions in general marketing administration, sales, marketing research and communication, and fundraising. Students are advised to begin their studies with MARKET 021 (Principles of Marketing).

PROGRAM STUDENT LEARNING OUTCOMES

1. Analyze the core components of the marketing concept and determine effective marketing programs, marketing mixes, SWOT analyses, and segmentation strategies.
2. Analyze and critique personal sales techniques required to successfully sell a good or service in the retail environment.
3. Prepare an Advertising Plan for a product or a service.

PROGRAM REQUIREMENTS

Requirements for the Marketing certificate of achievement may be met by completing 18 units of required courses with a grade of "C" or better.

REQUIRED COURSES (18 UNITS)

BUS 001	INTRODUCTION TO BUSINESS 3
OR	
SUPV 012	WRITTEN COMMUNICATION FOR SUPERVISORS 3
INTBUS 006	INTERNATIONAL MARKETING I 3
MARKET 001	PRINCIPLES OF SELLING 3
MARKET 011	FUNDAMENTALS OF ADVERTISING 3
MARKET 021	PRINCIPLES OF MARKETING 3
MARKET 031	RETAIL MERCHANDISING 3

REAL ESTATE

OVERVIEW

The Real Estate curriculum prepares students who plan to enter the field in such areas as appraising, brokerage, escrows, property management, and sales. Both programs prepare students for employment and qualifies them for the California Real Estate Sales and Broker examinations. Note: Real Estate courses may not be offered on a regular basis due to fluctuating demands on the real estate market.

For license and exam requirement information, visit the California Bureau of Real Estate website at https://dre.ca.gov/.

PROGRAMS OFFERED

AWARD	AWARD TYPE	ACADEMIC PLAN	MAJOR UNITS	FA*
Real Estate Broker License	C	C010771D	24	Y
Real Estate Sales License	CS	C051100J	9	N
*FA = Financial Aid Eligible. Yes = Eligible for all aid. No = Ineligible for Federal Pell and Cal Grant, FSEOG, Federal Work-Study, and Federal Loans. Please consult with Financial Aid Office on award eligibility.				

Real Estate Broker License

Certificate of Achievement

Major Units: 24
(State Code: 10771; TOP Code: 051100; Academic Plan: C010771D)

The Real Estate Broker License certificate of achievement satisfies the statutory college course requirement necessary for the California Real Estate Broker license. Per California State requirements, students must take the five core required courses, in addition to three of the five required elective courses listed below. Additional experience is also required. Consult with the California Department of Real Estate for additional licensing information and requirements at www.dre.ca.gov/Examinees/ApplyBroker.html or https://dre.ca.gov/.

Click here for this certificate Program Mapper.

PROGRAM STUDENT LEARNING OUTCOMES

1. Create a plan to schedule daily, weekly, and monthly real estate activities in order to obtain purchasing and/or listing clients. Evaluate the plan to reach the desired monthly income results.
2. Analyze and explain the various types of real property ownership in California.
3. Analyze and describe the various types of lending vehicles.
4. Analyze and explain economic forces of supply, demand, monetary and fiscal policy, taxation, social and cultural change.

PROGRAM REQUIREMENTS

Requirements for the Broker License certificate of achievement may be met by completing 15 units of required courses and 9 units of elective courses with a grade of "C" or better.

REQUIRED COURSES (15 UNITS)

REAL ES 003	REAL ESTATE PRACTICES	3
REAL ES 005	LEGAL ASPECTS OF REAL ESTATE I	3
REAL ES 007	REAL ESTATE FINANCE I	3
REAL ES 009	REAL ESTATE APPRAISAL I	3
REAL ES 021	REAL ESTATE ECONOMICS	3

ELECTIVE COURSES (SELECT 9 UNITS)

REAL ES 001	REAL ESTATE PRINCIPLES	3
REAL ES 006	LEGAL ASPECTS OF REAL ESTATE II	3
REAL ES 011	ESCROW PRINCIPLES	3
REAL ES 014	PROPERTY MANAGEMENT	3
REAL ES 018	REAL ESTATES INVESTMENTS I	3

Real Estate Sales License

Skills Certificate

Major Units: 9
(TOP Code: 051100; Academic Plan: C051100J)

The Real Estate Sales License skills certificate satisfies the statutory college course requirement necessary for the California Real Estate Sales license. Per California State requirements, students must take the two core required courses (REAL ES 001 and REAL ES 003), in addition to one of the eight required elective courses listed below. Consult with the California Department of Real Estate for additional licensing information and requirements at www.dre.ca.gov/Examinees/ApplyBroker.html or https://dre.ca.gov/.

PROGRAM STUDENT LEARNING OUTCOMES

1. Recognize, and prepare real estate agreements/contracts and/or their respective disclosures as required by state law.
2. Analyze and demonstrate techniques to obtain real estate transactions and how to deal with objections such as "open ended questions".
3. Prepare a Purchase Agreement for a given scenario as a Selling Agent Representing a Buyer in Single Family Residence.
4. Create a plan to schedule daily, weekly, and monthly real estate activities in order to obtain purchasing and/or listing clients. Evaluate the plan to reach the desired monthly income results.

PROGRAM REQUIREMENTS

Requirements for the Real Estate Sales License skills certificate may be met by completing 6 units of required courses and 3 units of elective courses with a grade of "C" or better.

REQUIRED COURSES (6 UNITS)

REAL ES 001	REAL ESTATE PRINCIPLES	3
REAL ES 003	REAL ESTATE PRACTICES	3

ELECTIVE COURSES: SELECT ONE (3 UNITS)

REAL ES 005	LEGAL ASPECTS OF REAL ESTATE I	3
REAL ES 006	LEGAL ASPECTS OF REAL ESTATE II	3
REAL ES 007	REAL ESTATE FINANCE I	3
REAL ES 009	REAL ESTATE APPRAISAL I	3
REAL ES 011	ESCROW PRINCIPLES	3
REAL ES 014	PROPERTY MANAGEMENT	3
REAL ES 021	REAL ESTATE ECONOMICS	3

Chemistry

Department Chair: Glen Baghdasarian
For more information visit:
www.lacc.edu/academics/departments

CHEMISTRY

OVERVIEW

Everything in the world involves chemistry. The air you breathe, the food you eat, and the blood coursing through your veins all involve chemistry. It involves the snow on the mountains, the gasoline you put in your car, and the batteries used to run your iPad. A background in chemistry is essential to many high-paying, challenging careers in health care, technology, consumer industries, environmental management, and more, including pharmaceuticals, forensic science, food technology, petroleum industry, food technology, cosmetics, and so much more. Chemistry meets a general education requirement for most university majors, particularly for Pre-medical, Pre-Dental, Nursing, Anthropology, Biology, Chemistry, Geology, Physics, and Pharmacy majors.

PROGRAMS OFFERED

AWARD	AWARD TYPE	ACADEMIC PLAN	MAJOR UNITS	FA*
Chemistry	AS	C002756C	40	Y
UCTP Chemistry	AS	C040232M	53	Y
*FA = Financial Aid Eligible. Yes = Eligible for all aid.				
No = Ineligible for Federal Pell and Cal Grant, FSEOG, Federal Work-Study, and Federal Loans.				
Please consult with Financial Aid Office on award eligibility.\				

Chemistry

Associate of Science (AS) Degree

Major Units: 40   Total Units: Minimum of 60
(State Code: 02756; TOP Code: 190500; Academic Plan: C002756C)

The Chemistry Associate of Science degree provides the student with preparatory course work, allowing transfer to a four-year university in chemistry or related physical sciences. Individuals who earn the degree with a major in chemistry will find many desirable entry-level jobs in chemistry and manufacturing.

PROGRAM STUDENT LEARNING OUTCOMES

1. Describe chemical and physical structures, reactions, and mechanisms of that will lead to synthesis of desired compounds.
2. Solve problems using algebra, analyze graphical data, and convert between scientific units.
3. Apply the scientific method.
4. Design and implement simple experiments, work independently, and draw reasonable conclusions.
5. Communicate scientific processes by writing laboratory reports that include data in tabular and graphical format and summarize

results to explain the phenomena studied.
6. Design a synthesis of complex molecules from simple starting materials.

PROGRAM REQUIREMENTS

Requirements for the Chemistry Associate of Science degree may be met by completing: (a) 40 units of major core courses with a grade of "C" or better; (b) all general education requirements (English and Math must be completed with a grade of "C" or better); (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken at LACCD.

MAJOR CORE COURSES (40 UNITS)

CHEM 101*	GENERAL CHEMISTRY I	.5
CHEM 102	GENERAL CHEMISTRY II	.5
CHEM 211	ORGANIC CHEMISTRY FOR SCIENCE MAJORS I	.5
CHEM 212	ORGANIC CHEMISTRY FOR SCIENCE MAJORS II	.5
MATH 261**	CALCULUS I	.5
MATH 262	CALCULUS II	.5
PHYSICS 101	PHYSICS FOR ENGINEERS AND SCIENTISTS I	.5
PHYSICS 102	PHYSICS FOR ENGINEERS AND SCIENTISTS II	.5

*CHEM 060 (Introduction to General Chemistry) or successful completion of high school chemistry or equivalent is a prerequisite for CHEM 101.
**MATH 260 (Precalculus) or MATH 260S (Precalculus with Support) is a prerequisite for MATH 261.

UCTP Chemistry

Associate in Science for UC Transfer

Major Units: 53   Total Units: 69 - 74
(State Code: 40232; TOP Code: 190500; Academic Plan: C040232M)

The University of California Transfer Pathway (UCTP) Associate Degree in Chemistry is an extension of UC Pathways+. The degrees, which are created by the community colleges, include the major preparation outlined in the UC Transfer Pathway for Chemistry.

PROGRAM STUDENT LEARNING OUTCOMES

1. Describe chemical and physical structures and reactions and mechanisms of chemical formation be able to synthesize.
2. Solve problems using algebra, analyze graphical data, and convert between scientific units.
3. Apply the scientific method by forming hypothesis based on observation.
4. Design and implement simple experiments, work independently, and draw reasonable conclusions.
5. Communicate scientific processes by writing laboratory reports that include data in tabular and graphical format and summarize results to explain the phenomena studied.
6. Design a synthesis of complex molecules from simple starting

materials.

PROGRAM REQUIREMENTS

1. Students must meet the following requirements to earn the degree:

   a. Completion of a minimum of 69 semester units with a minimum cumulative grade point average of 2.0 that are eligible for transfer to the University of California. Completion of 74 units is required if the IGETC 6A Language Other Than English requirement was not completed in high school.

   b. A minimum of 12 units must be completed at Los Angeles City College District.

2. Completion of the following curricular requirements:

   a. The Intersegmental General Education Transfer Curriculum (IGETC) Areas indicated below with a minimum grade of "C" in each course or a grade of "P" if the general education course is taken on a "P/NP" basis.

   b. The major requirements listed below with a minimum grade of "C" in each course. Major courses may not be taken on a "P/NP" basis.

3. Requirements for Admission to the UC: The UC Transfer Pathways Associate Degree in Chemistry is an extension of University of California's Pathways+. The degrees, which are created by the community colleges, include the major preparation outlined in the UC Transfer Pathway for Chemistry. As with Pathways+, in order to secure an admissions guarantee in Chemistry to a UC campus, students must complete the following requirements:

   a. Complete the Transfer Pathway,

   b. Meet or exceed the required campus-based TAG GPA. Depending on the campus the minimum GPA requirement ranges from 2.8 - 3.4.

   c. Submit a TAG application by September 30, and

   d. Apply for admission by November 30.

In addition to the benefits of the Pathways+ option, students completing the UCTP Associate's Degree in Chemistry will earn an AS degree from their respective community college.

For more information, visit the University of California Pathways+ website (https://admission.universityofcalifornia.edu/admission-requirements/transfer-requirements/pathways-plus.html).

MAJOR CORE COURSES (53 UNITS)

CHEM 101*	GENERAL CHEMISTRY I	5
CHEM 102	GENERAL CHEMISTRY II	5
CHEM 211	ORGANIC CHEMISTRY FOR SCIENCE MAJORS I	5
CHEM 212	ORGANIC CHEMISTRY FOR SCIENCE MAJORS II	5
MATH 261**	CALCULUS I	5
MATH 262	CALCULUS II	5
MATH 263	CALCULUS III	5
MATH 275	ORDINARY DIFFERENTIAL EQUATIONS	3
PHYSICS 101	PHYSICS FOR ENGINEERS AND SCIENTISTS I	5
PHYSICS 102	PHYSICS FOR ENGINEERS AND SCIENTISTS II	5
PHYSICS 103	PHYSICS FOR ENGINEERS AND SCIENTISTS III	5

CHEM 060 (Introduction to General Chemistry) or successful completion of high school chemistry or equivalent is a prerequisite for CHEM 101.

**MATH 260 (Precalculus) is a prerequisite for MATH 261.*

Computer Science (CSISA)

Department Chair: Shawki Dakduk
For more information visit:
www.lacc.edu/academics/departments

COMPUTER APPLICATIONS AND OFFICE TECHNOLOGIES

OVERVIEW

The Computer Applications and Office Technologies (CAOT) program offers a variety of programs for students interested in working closely with management and various types of businesses, professional, educational, and industrial offices.

PROGRAMS OFFERED

AWARD	AWARD TYPE	ACADEMIC PLAN	MAJOR UNITS	FA*
Administrative Office Assistant	AA	C002727C	39	Y
Computer Applications Specialist	AA	C008216C	30	Y
Administrative Office Assistant	C	C021614D	39	Y
Business Information Worker I	C	C042568D	24	Y
Business Information Worker II	C	C042651D	39	Y
Clerical Office Assistant	C	C008215D	27	Y
Basic Administrative Office Assistant	CS	C051400J	18	N

*FA = Financial Aid Eligible. Yes = Eligible for all aid.
No = Ineligible for Federal Pell and Cal Grant, FSEOG, Federal Work-Study, and Federal Loans. Please consult with Financial Aid Office on award eligibility.

Administrative Office Assistant

Associate of Arts (AA) Degree

Major Units: 39   Total Units: Minimum of 60
(State Code: 02727; TOP Code: 051400; Academic Plan: C002727C)

The Administrative Office Assistant Associate of Arts degree prepares students for employment in business, government, and educational offices that use automated systems and procedures. Emphasis is placed on the development of skills in keyboarding, language and communication skills, and computer applications including word processing, spreadsheets, databases, and desktop publishing. In addition, students are prepared to assume general office duties and decision-making office responsibilities. Completion of the program enables students to qualify for intermediate office positions and lays the foundation for entry into office management positions.

PROGRAM STUDENT LEARNING OUTCOMES

1. Demonstrate proficiency in English grammar (parts of speech) punctuation, spelling, and writing skills.
2. Produce a business style report using a computer and Microsoft Word.
3. Prepare a multi-column newsletter containing desktop publishing elements in Microsoft Word.
4. Create a personal or business website containing hyperlinks, marquee, graphic hotspots, and tables.
5. Produce a professional business letter, in response to a given business communication task.

PROGRAM REQUIREMENTS

Requirements for the Administrative Office Assistant Associate of Arts degree may be met by completing: (a) 39 units of major core courses with a grade of "C" or better; (b) all general education requirements (English and Math must be completed with a grade of "C" or better); (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken at LACCD.

MAJOR CORE COURSES (39 UNITS)

CAOT 001	COMPUTER KEYBOARDING AND DOCUMENT APPLICATIONS I	3
CAOT 002	COMPUTER KEYBOARDING AND DOCUMENT APPLICATIONS II	3
CAOT 014	MICROCOMPUTER OFFICE APPLICATIONS: POWERPOINT	3
CAOT 031	BUSINESS ENGLISH	3
CAOT 032	BUSINESS COMMUNICATIONS	3
CAOT 033	RECORDS MANAGEMENT AND ELECTRONIC FILING	3
CAOT 043	OFFICE PROCEDURES	3
CAOT 048	CUSTOMER SERVICE	3
CAOT 082	MICROSOFT OFFICE SUITE	3
CAOT 084	MICROSOFT WORD	3
CAOT 085	MICROSOFT EXCEL: SPREADSHEET	3
CAOT 088	MICROCOMPUTER OFFICE APPLICATIONS: DESKTOP PUBLISHING	3
CAOT 098	MICROCOMPUTER OFFICE APPLICATIONS: DISCOVERING COMPUTERS: DIGITAL LITERACY	3

Computer Applications Specialist

Associate of Arts (AA) Degree

Major Units: 30   Total Units: Minimum of 60
(State Code: 08216; TOP Code: 051400; Academic Plan: C008216C)

The Computer Applications Specialist Associate of Arts degree prepares students for employment in business, government, and educational offices using computerized systems and procedures. Emphasis is placed on the development of skills in keyboarding, language and communication skills, and computer applications including word processing, spreadsheets, databases, and desktop publishing. Completion of the program enables students to qualify for intermediate office positions that require knowledge of a variety of computer applications.

PROGRAM STUDENT LEARNING OUTCOMES

1. Create a personal or business website containing hyperlinks, marquee, graphic hotspots, and tables.
2. Create and format a presentation with transitions, custom animations, graphics, video, and audio, using Microsoft PowerPoint.
3. Produce a business style report using a computer and Microsoft Word.
4. Type a business letter and an envelope from unformatted copy in the Block Style Letter format within 25 minutes time using Microsoft Word.
5. Utilize the Windows Security Center to protect a computer against computer security risks.

PROGRAM REQUIREMENTS

Requirements for the Computer Applications Specialist Associate of Arts degree may be met by completing: (a) 30 units of major core courses with a grade of "C" or better; (b) all general education requirements (English and Math must be completed with a grade of "C" or better); (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken at LACCD.

MAJOR CORE COURSES (30 UNITS)

CAOT 001	COMPUTER KEYBOARDING AND DOCUMENT APPLICATIONS I	3
CAOT 002	COMPUTER KEYBOARDING AND DOCUMENT APPLICATIONS II	3
CAOT 014	MICROCOMPUTER OFFICE APPLICATIONS: POWERPOINT	3
CAOT 031	BUSINESS ENGLISH	3
CAOT 032	BUSINESS COMMUNICATIONS	3
CAOT 082	MICROSOFT OFFICE SUITE	3
CAOT 084	MICROSOFT WORD	3
CAOT 085	MICROSOFT EXCEL: SPREADSHEET	3
CAOT 088	MICROCOMPUTER OFFICE APPLICATIONS: DESKTOP PUBLISHING	3
CAOT 098	MICROCOMPUTER OFFICE APPLICATIONS: DISCOVERING COMPUTERS: DIGITAL LITERACY	3

Administrative Office Assistant

Certificate of Achievement

Major Units: 39
(State Code: 21614; TOP Code: 051400; Academic Plan: C021614D)

The Administrative Office Assistant certificate of achievement prepares students for employment in business, government, and educational offices that use automated systems and procedures. Emphasis is placed on the development of skills in keyboarding, language and communication skills, and computer applications including word processing, spreadsheets, databases, and desktop publishing. In addition, students are prepared to assume general office duties and decision-making office responsibilities. Completion of the program enables students to qualify for intermediate office positions and lays the foundation for entry into office management positions.

PROGRAM STUDENT LEARNING OUTCOMES

1. Demonstrate proficiency in English grammar (parts of speech) punctuation, spelling, and writing skills.
2. Produce a business style report using a computer and Microsoft Word.
3. Prepare a multi-column newsletter containing desktop publishing elements in Microsoft Word.
4. Create a personal or business website containing hyperlinks, marquee, graphic hotspots, and tables.
5. Produce a professional business letter, in response to a given business communication task.

PROGRAM REQUIREMENTS

Requirements for the Administrative Office Assistant certificate of achievement may be met by completing 39 units of required courses with a grade of "C" or better.

REQUIRED COURSES (39 UNITS)

CAOT 001	COMPUTER KEYBOARDING AND DOCUMENT APPLICATIONS I	3
CAOT 002	COMPUTER KEYBOARDING AND DOCUMENT APPLICATIONS II	3
CAOT 014	MICROCOMPUTER OFFICE APPLICATIONS: POWERPOINT	3
CAOT 031	BUSINESS ENGLISH	3
CAOT 032	BUSINESS COMMUNICATIONS	3
CAOT 033	RECORDS MANAGEMENT AND ELECTRONIC FILING	3
CAOT 043	OFFICE PROCEDURES	3
CAOT 048	CUSTOMER SERVICE	3
CAOT 082	MICROSOFT OFFICE SUITE	3
CAOT 084	MICROSOFT WORD	3
CAOT 085	MICROSOFT EXCEL: SPREADSHEET	3
CAOT 088	MICROCOMPUTER OFFICE APPLICATIONS: DESKTOP PUBLISHING	3
CAOT 098	MICROCOMPUTER OFFICE APPLICATIONS: DISCOVERING COMPUTERS: DIGITAL LITERACY	3

Business Information Worker I

Certificate of Achievement

Major Units: 24
(State Code: 42568; TOP Code: 051400; Academic Plan: C042568D)

Business Information Worker I (BIW I) Certificate of Achievement is designed to prepare students for entry-level office and administrative support in a variety of job positions, including office and executive administrative support, office supervision, small business support, retail sales, and customer service representatives. The BIW I Certificate of Achievement builds the foundation in this pathway by providing students with basic skills in Word, Excel, and customer relations and introductory instruction in Access and PowerPoint. In addition, students review English grammar and acquire a foundation in business communications to prepare them for office writing tasks. Students completing this first stage of the two-part BIW pathway will be equipped to take Microsoft Office Specialist credential exams in Excel and Word.

PROGRAM STUDENT LEARNING OUTCOMES

1. Identify appropriate software to use for a business problem.
2. Develop written content for inclusion in business presentations using correct grammar and relying on appropriate communication approaches that are tailored to the audience and purpose.
3. Create basic reports using appropriate spreadsheet and word processing software.
4. Implement sound customer service strategies to attract and retain clients.

PROGRAM REQUIREMENTS

Requirements for the Business Information Worker I certificate of achievement may be met by completing 24 units of required courses with a grade of "C" or better.

REQUIRED COURSES (24 UNITS)

CAOT 001	COMPUTER KEYBOARDING AND DOCUMENT APPLICATIONS I	3
CAOT 031	BUSINESS ENGLISH	3
CAOT 032	BUSINESS COMMUNICATIONS	3
CAOT 048	CUSTOMER SERVICE	3
CAOT 082	MICROSOFT OFFICE SUITE	3
CAOT 084	MICROSOFT WORD	3
CAOT 085	MICROSOFT EXCEL: SPREADSHEET	3
CAOT 098	MICROCOMPUTER OFFICE APPLICATIONS: DISCOVERING COMPUTERS: DIGITAL LITERACY	3

Business Information Worker II

Certificate of Achievement

Major Units: 39
(State Code: 42651; TOP Code: 051400; Academic Plan: C042651D)

Business Information Worker II (BIW II) Certificate of Achievement is designed to prepare students for mid-level office and administrative support in a variety of job positions, including office and executive administrative support, office supervision, small business support, retail sales, and customer service representatives. The BIW II Certificate of Achievement builds on the BIW I foundation and provides students with additional skills in PowerPoint, Excel, Access, QuickBooks, records management, and customer relations. Students completing this stage of the BIW pathway will be equipped to take multiple Microsoft Office Specialist credential exams.

PROGRAM STUDENT LEARNING OUTCOMES

1. Develop a solution to a business problem using the most appropriate business application software.
2. Apply software tools to function effectively as a team member using collaborative web-based workspaces.
3. Construct business presentations that are accurate, well-organized, and are appropriate to the audience and purpose.
4. Develop accurate accounting reports using appropriate spreadsheet and accounting software.
5. Organize customer service tasks using customer relationship management software.

PROGRAM REQUIREMENTS

Requirements for the Business Information Worker II certificate of achievement may be met by completing 39 units of required courses with a grade of "C" or better.

REQUIRED COURSES (39 UNITS)

CAOT 001	COMPUTER KEYBOARDING AND DOCUMENT APPLICATIONS I	3
CAOT 002	COMPUTER KEYBOARDING AND DOCUMENT APPLICATIONS II	3
CAOT 014	MICROCOMPUTER OFFICE APPLICATIONS: POWERPOINT	3
CAOT 031	BUSINESS ENGLISH	3
CAOT 032	BUSINESS COMMUNICATIONS	3
CAOT 033	RECORDS MANAGEMENT AND ELECTRONIC FILING	3
CAOT 048	CUSTOMER SERVICE	3
CAOT 050	DATA ANALYTICS WITH EXCEL FOR OFFICE WORKERS	3
CAOT 078	COMPUTER ACCOUNTING APPLICATIONS: QUICKBOOKS	3
CAOT 082	MICROSOFT OFFICE SUITE	3
CAOT 084	MICROSOFT WORD	3
CAOT 085	MICROSOFT EXCEL: SPREADSHEET	3
CAOT 098	MICROCOMPUTER OFFICE APPLICATIONS: DISCOVERING COMPUTERS: DIGITAL LITERACY	3

Clerical Office Assistant

Certificate of Achievement

Major Units: 27
(State Code: 08215; TOP Code: 051400; Academic Plan: C008215D)

The Clerical Office Assistant certificate of achievement prepares students for employment in business, government, and educational offices using computerized systems and procedures. Emphasis is placed on the development of skills in keyboarding, language and communications, proofreading, editing, and business letter formatting. Basic computer applications skills are attained through an introductory course in a multi-applications suite. Completion of this program enables students to qualify for entry-level office positions and lays the foundation for further study and advancement in office occupations.

PROGRAM STUDENT LEARNING OUTCOMES

1. Demonstrate proficiency in English grammar (eight parts of speech), punctuation, spelling, and writing skills through an hour-long writing assignment
2. Complete an hour-long business letter writing assignment using professional business communication and vocabulary; correct format, grammar, and spelling.
3. Type a business letter and an addressed envelope from unformatted copy in the block style letter formatting using Microsoft Word within 25 minutes.

PROGRAM REQUIREMENTS

Requirements for the Clerical Office Assistant certificate of achievement may be met by completing 27 units of required courses with a grade of "C" or better.

REQUIRED COURSES (27 UNITS)

CAOT 001	COMPUTER KEYBOARDING AND DOCUMENT APPLICATIONS I	3
CAOT 002	COMPUTER KEYBOARDING AND DOCUMENT APPLICATIONS II	3
CAOT 031	BUSINESS ENGLISH	3
CAOT 032	BUSINESS COMMUNICATIONS	3
CAOT 043	OFFICE PROCEDURES	3
CAOT 084	MICROSOFT WORD	3
CAOT 085	MICROSOFT EXCEL: SPREADSHEET	3
CAOT 098	MICROCOMPUTER OFFICE APPLICATIONS: DISCOVERING COMPUTERS: DIGITAL LITERACY	3
CAOT 082	MICROSOFT OFFICE SUITE	3

Basic Administrative Office Assistant

Skills Certificate

Major Units: 18
(TOP Code: 051400; Academic Plan: C051400J)

The Basic Administrative Office Assistant skills certificate prepares for employment in business, government, and educational offices using automated systems and procedures. Emphasis is placed on the development of keyboarding and basic computer skills, including word processing and spreadsheets, to prepare business documents, handle telephone inquiries, use an e-mail system, and complete forms. Completion of this program enables students to qualify for entry-level office positions and lays the foundation for further study and advancement in office occupations.

PROGRAM STUDENT LEARNING OUTCOMES

1. Create a business report with a cover sheet, table of contents, and a bibliography.
2. Create a worksheet, chart data, perform calculations and make comparisons by using a pie chart.
3. Prepare a multi-column newsletter containing desktop publishing elements in Microsoft Word.

PROGRAM REQUIREMENTS

Requirements for the Basic Administrative Office Assistant skills certificate may be met by completing 18 units of required courses with a grade of "C" or better.

REQUIRED COURSES (18 UNITS)

CAOT 001	COMPUTER KEYBOARDING AND DOCUMENT APPLICATIONS I	3
CAOT 082	MICROSOFT OFFICE SUITE	3
CAOT 031	BUSINESS ENGLISH	3
CAOT 043	OFFICE PROCEDURES	3
CAOT 084	MICROSOFT WORD	3
CAOT 085	MICROSOFT EXCEL: SPREADSHEET	3

COMPUTER SCIENCE

OVERVIEW

The Computer Science (CS) and Computer Information Systems (CIS) programs provide a solid foundation for students to either transfer to universities for advanced CS and CIS studies or begin a career directly related to the computer science and information systems fields. Students completing one of our programs can expect high-paying employment opportunities in computer programming, software development, database administration, cloud computing, full-stack web development, and other CS and CIS related fields.

PROGRAMS OFFERED

AWARD	AWARD TYPE	ACADEMIC PLAN	MAJOR UNITS	FA*
Computer Information Systems (CIS)	AA	C002730C	33	Y
Computer Science	AA	C010774C	35-37	Y
Cybersecurity	AS	C038828C	30	Y
Applications Software	C	C008224D	30	Y
C++ Programming	C	C040999D	18	Y
Cloud Computing	C	C039854D	21	Y
Cybersecurity	C	C038827D	30	Y
Cybersecurity Analyst	C	C042224D	18	Y
Data Science	C	C042225D	22	Y
Full Stack Web Application Developer	C	C040237D	18	Y
Java Programming	C	C041000D	18	Y
Machine Learning	C	C042224D	18	Y
Programming Languages	C	C008225D	33	Y

*FA = Financial Aid Eligible. Yes = Eligible for all aid.
No = Ineligible for Federal Pell and Cal Grant, FSEOG, Federal Work-Study, and Federal Loans. Please consult with Financial Aid Office on award eligibility.

Computer Information Systems (CIS)

Associate of Arts (AA) Degree

Major Units: 33   Total Units: Minimum of 60
(State Code: 02730; TOP Code: 070200; Academic Plan: C002730C)

The CIS Associate of Arts degree prepares students for careers as entry-level programmers using C++, Java, and Visual Basic; database application developers using SQL and PL/SQL; and Web application developers using leading HTML standards, JavaScript, and Python. The program provides a well-rounded education with solid foundations in procedural and object-oriented methodologies, data structures, and computer organization that also helps students pursue a bachelor's degree in a CIS field.

PROGRAM STUDENT LEARNING OUTCOMES

1. Gain appropriate skills in computer literacy, computer applications, and programming to enable efficient use of computers and their applications.
2. Create a fully documented modular design with correct mathematical and logical operations suitable for implementation from a given program specification.
3. Gain knowledge in basic mathematics as it relates to Computer Science including number systems, Sets & Venn Diagrams, boolean logic, truth tables, and circuit gates.
4. Install, configure, and troubleshoot given problems for Linux, Windows, or other operating systems.
5. Design, create, update, and query a relational database using entity-relationship diagrams, normalization, and SQL.
6. Design and implement solutions to general purpose problems using a programming language such as C++, Java, and Python.
7. Gain skills in the use of client-side web technologies, such as HTML and CSS, for the design and development of interactive websites.
8. Employ complex data structures and algorithms, including sorting, searching, and recursion, to design and implement solutions to advanced computer science problems.
9. Gain an understanding of computer architecture and organization and apply this understanding to develop low-level code in assembly-language to solve a given problem.
10. Use advanced programming constructs to solve problems related to recursion, object-oriented programming, dynamic data types, networking, and/or multithreading.

PROGRAM REQUIREMENTS

Requirements for the Computer Information Systems Associate of Arts degree may be met by completing: (a) 33 units of major core courses with a grade of "C" or better; (b) all general education requirements (English and Math must be completed with a grade of "C" or better); (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken at LACCD.

MAJOR CORE COURSES (SELECT 33 UNITS)

CS 101	INTRODUCTION TO COMPUTER SCIENCE	3
CS 102	PROGRAMMING LOGIC AND DESIGN (INTRODUCTION TO PROGRAMMING)	3
CS 103	MATHEMATICS FOR PROGRAMMERS	3
CS 116 OR	PROGRAMMING IN C++	3
CS 113	PROGRAMMING IN JAVA	3
CS 119	PROGRAMMING IN PYTHON	3
CS 130	INTRODUCTION TO COMPUTER ARCHITECTURE AND ORGANIZATION	3
CS 136	INTRODUCTION TO DATA STRUCTURES	3
CS 216 OR	OBJECT-ORIENTED PROGRAMMING IN C++	3
CS 213	ADVANCED PROGRAMMING IN JAVA	3
CIS 112	OPERATING SYSTEMS - BEGINNING LINUX	3
CIS 148	INTRODUCTION TO WEB DEVELOPMENT HTML5 & CSS	3
CIS 219	INTRODUCTION TO ORACLE: SQL AND PL/SQL	3

Computer Science

Associate of Arts (AA) Degree

Major Units: 35-37   Total Units: Minimum of 60
(State Code: 10774; TOP Code: 070600; Academic Plan: C010774C)

The Computer Science Associate of Arts degree prepares the student to transfer to four-year colleges or begin an entry-level job related to programming and software development. The program provides a well-rounded education with an emphasis on solid foundations in procedural and object-oriented programming and methodologies, data structures, and computer architecture and organization.

PROGRAM STUDENT LEARNING OUTCOMES

1. Gain appropriate skills in computer literacy, computer applications, and programing to enable efficient use of computers and their applications.
2. Create a fully documented modular design with correct mathematical and logical operations suitable for implementation from a given program specification.
3. Gain knowledge in basic mathematics as it relates to Computer Science including number systems, Sets & Venn Diagrams, boolean logic, truth tables, and circuit gates.
4. Install, configure, and troubleshoot given problems for Linux, Windows, or other operating systems.
5. Design, create, update, and query a relational database using entity-relationship diagrams, normalization, and SQL.
6. Design and implement solutions to general purpose problems using a programming language such as C++, Java, and Python.
7. Employ complex data structures and algorithms, including sorting, searching, and recursion, to design and implement solutions to advanced computer science problems.
8. Gain an understanding of computer architecture and organization and apply this understanding to develop low-level code in assembly-language to solve a given problem.

PROGRAM REQUIREMENTS

Requirements for the Computer Science Associate of Arts degree may be met by completing: (a) 35-37 units of major core courses with a grade of "C" or better; (b) all general education requirements (English and Math must be completed with a grade of "C" or better); (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken at LACCD.

MAJOR CORE COURSES (35-37 UNITS)

CS 116 OR	PROGRAMMING IN C++	3
CS 113	PROGRAMMING IN JAVA	3
CS 130	INTRODUCTION TO COMPUTER ARCHITECTURE AND ORGANIZATION	3
CS 136	INTRODUCTION TO DATA STRUCTURES	3
CS 131 OR	DISCRETE STRUCTURES FOR COMPUTER SCIENCE	3
MATH 272	METHODS OF DISCRETE MATHEMATICS	5
CS 213 OR	ADVANCED PROGRAMMING JAVA	3
CS 216	OBJECT-ORIENTED PROGRAMMING IN C++	3
MATH 261	CALCULUS I	5
MATH 262	CALCULUS II	5
PHYSICS 101	PHYSICS FOR ENGINEERS AND SCIENTISTS I	5
PHYSICS 102	PHYSICS FOR ENGINEERS AND SCIENTISTS II	5

Cybersecurity

Associate of Science (AS) Degree

Major Units: 30   Total Units: Minimum of 60
(State Code: 38828; TOP Code: 070800; Academic Plan: C038828C)

The Cybersecurity Associate of Science degree prepares students for a career in a sector of technology that is growing rapidly and will continue to grow for the foreseeable future. This curriculum teaches students to recognize threats and procedures to be proactive against cybersecurity threats and/or respond to cybersecurity incidents, how to protect and defend against intrusions through the use of advanced techniques used by cybercriminals, and how to create innovative solutions to prevent hackers from stealing critical information or causing problems for computer networks. Students also learn about the ethics of security and hacking and the geopolitical ramifications of cyberattacks. The Cybersecurity Associate of Science is comprised of a group of industry-recognized CompTIA certifications and computer forensics and ethical hacking certification programs which will enhance a student's ability to pursue a career in cybersecurity.

PROGRAM STUDENT LEARNING OUTCOMES

1. Gain an understanding of computer technologies, such as, hardware, software, and networking technologies, as well as troubleshooting, methods of signaling and encoding, interfaces, transmission media, and the most important protocols involved in moving data over a communication network.
2. Understand concepts of cybersecurity, network security, risk assessment, disaster recovery, threat assessment, computer forensics, privacy, and ethics as it relates to security, law, civil compliance, and criminal activity.
3. Gain the skills necessary to apply knowledge of concepts, tools, and procedures to react to cybersecurity incidents and guard against cybersecurity attacks.
4. Understand how hardware, software, and networks interact and how to protect and defend against intrusions using advanced techniques that are used by cybercriminals.
5. Create innovative solutions to prevent hackers from stealing critical information or cause problems for computer networks.
6. Understand the ethical implications of working to protect organizations or countries against a cyberattack.

PROGRAM REQUIREMENTS

Requirements for the Cybersecurity Associate of Science degree may be met by completing (a) 30 units of major core courses with a grade of "C" or better; (b) all general education requirements (English and Math must be completed with a grade of "C" or better); (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken at LACCD.

REQUIRED COURSES (30 UNITS)

CS 101	INTRODUCTION TO COMPUTER SCIENCE	3
CIS 210	INTRODUCTION TO COMPUTER NETWORKING	3
CIS 212	A+ CERTIFICATION PREPARATION-HARDWARE	3
CIS 213	A+ CERTIFICATION PREPARATION-SOFTWARE	3
CIS 214	INTRODUCTION TO NETWORK+	3
CIS 211	SECURITY+ CERTIFICATION PREPARATION	3
CIS 170	INTRODUCTION TO ETHICAL HACKING	3
CIS 112	OPERATING SYSTEMS - BEGINNING LINUX	3
CIS 166	COMPUTER FORENSICS I	3
CS 119	PROGRAMMING IN PYTHON	3

Applications Software

Certificate of Achievement

Major Units: 30
(State Code: 08224; TOP Code: 070200; Academic Plan: C008224D)

The Applications Software certificate of achievement prepares students for careers in applications software development and usage in fields related to microcomputer applications, databases, cloud computing, and programming. Students completing the program will find opportunities for employment in various computer science and information systems related businesses and industries.

PROGRAM STUDENT LEARNING OUTCOMES

1. Create a fully documented modular design with correct mathematical and logical operations suitable for implementation from a given program specification.
2. Gain appropriate skills in computer literacy, computer applications, and programing to enable efficient use of computers and their applications.
3. Gain knowledge in basic mathematics as it relates to Computer Science including number systems, Sets & Venn Diagrams, boolean logic, truth tables, and circuit gates.
4. Gain skills in the use of client-side web technologies, such as HTML and CSS, for the design and development of interactive websites.
5. Design and implement solutions to general purpose problems using a programming language such as C++, Java, and Python.
6. Install, configure, and troubleshoot given problems for Linux, Windows, or other operating systems.
7. Design, create, update, and query a relational database using entity-relationship diagrams, normalization, and SQL.
8. Design Infrastructure as a Service (IaaS) for cloud computing to provide computing instances, establish virtual private networks, and manage databases and storage.
9. Analyze performance metrics of cloud architecture to respond dynamically to information and computing workloads.

PROGRAM REQUIREMENTS

Requirements for the Applications Software certificate of achievement may be met by completing 30 units of required courses with a grade of "C" or better.

REQUIRED COURSES (30 UNITS)

CS 101	INTRODUCTION TO COMPUTER SCIENCE	3
CS 102	PROGRAMMING LOGIC AND DESIGN (INTRODUCTION TO PROGRAMMING)	3
CS 103	MATHEMATICS FOR PROGRAMMERS	3
CS 113 OR	PROGRAMMING IN JAVA	3
CS 116	PROGRAMMING IN C++	3
CS 119	PROGRAMMING IN PYTHON	3
CIS 112	OPERATING SYSTEMS - BEGINNING LINUX	3
CIS 148	INTRODUCTION TO WEB DEVELOPMENT USING HTML AND CSS	3
CIS 192	INTRODUCTION TO CLOUD COMPUTING	3
CIS 193	DATABASE ESSENTIALS IN AMAZON WEB SERVICES	3
CIS 219	INTRODUCTION TO ORACLE: SQL AND PL/SQL	3

C++ Programming

Certificate of Achievement

Major Units 18
(State Code: 40999; TOP Code: 070710; Academic Plan: C040999D)

The C++ Programming certificate of achievement provides students with comprehensive training in high demand programming languages and tools including Visual Basic and C++. Successful completion of the program will prepare students for an exciting career in software analysis, design, and development.

Possible Jobs: Computer Programmers, Software Developers: Applications, Software Developers: Systems Software, Web Developers

PROGRAM STUDENT LEARNING OUTCOMES

1. Create a fully documented modular design with correct mathematical and logical operations suitable for implementation from a given program specification.
2. Create, deploy, and test a basic program with valid syntax and proper logical and mathematical functions using the C++ programming language.
3. Design and implement solutions to a general-purpose problem using advanced programming techniques in the C++ programming language.
4. Employ complex data structures and algorithms, including sorting, searching, and recursion, to design and implement solutions to advanced computer science problems.

PROGRAM REQUIREMENTS

Requirements for the C++ Programming certificate of achievement may be met by completing 18 units of required courses with a grade of "C" or better.

REQUIRED COURSES (18 UNITS)

CS 101	INTRODUCTION TO COMPUTER SCIENCE	3
CS 102	PROGRAMMING LOGIC AND DESIGN (INTRODUCTION TO PROGRAMMING)	3
CS 103	MATHEMATICS FOR PROGRAMMERS	3
CS 116	PROGRAMMING IN C++	3
CS 136	INTRODUCTION TO DATA STRUCTURES	3
CS 216	OBJECT-ORIENTED PROGRAMMING IN C++	3

Cloud Computing
Certificate of Achievement

Major Units: 21
(State Code: 39854; TOP Code: 070730; Academic Plan: C039854D)

The Cloud Computing program prepares students to design solutions for Infrastructure as a Service (IaaS) architectures by provisioning computing instances, establishing virtual private networks, managing databases, and storage within a secure online environment. Students produce dynamic solutions responsive to information and computing technology workloads with on-demand pay-as-you-go pricing allowing flexibility for small business, entrepreneurship, and enterprise adoption. Industry certifications are program proposal attributes embedded to prepare for occupations in cloud architect, cloud support associate, cloud engineer, or cloud technicians. Some preparation in information technology or computer programming is recommended.

PROGRAM STUDENT LEARNING OUTCOMES

1. Gain appropriate skills in computer literacy, computer applications, and programing to enable efficient use of computers and their applications.
2. Design Infrastructure as a Service (IaaS) solutions by provisioning computing instances, establishing virtual private networks, managing databases, and storage within a secure online environment.
3. Analyze performance metrics of cloud architecture to respond dynamically to information and computing technology workloads and optimize service costs.
4. Collaborate in a team designing business solutions in an industry-aligned project.
5. Design and implement solutions to general purpose problems using Python or Javascript.
6. Design, create, update, and query a relational database using entity-relationship diagrams, normalization, and SQL.

PROGRAM REQUIREMENTS

Requirements for the Cloud Computing certificate of achievement may be met by completing 21 units of required courses with a grade of "C" or better.

REQUIRED COURSES (21 UNITS)

CS 101	INTRODUCTION TO COMPUTER SCIENCE	3
CS 112 OR	PROGRAMMING IN JAVASCRIPT	3
CS 119	PROGRAMMING IN PYTHON	3
CIS 192	INTRODUCTION TO CLOUD COMPUTING	3
CIS 193	DATABASE ESSENTIALS IN AMAZON WEB SERVICES	3
CIS 194	COMPUTE ENGINES IN AMAZON WEB SERVICES	3
CIS 195	SECURITY IN THE CLOUD	3
CIS 219	INTRODUCTION TO ORACLE: SQL AND PL/SQL	3

Cybersecurity
Certificate of Achievement

Major Units: 30
(State Code: 38827; TOP Code: 070800; Academic Plan: C038827D)

The Cybersecurity certificate of achievement prepares students for a career in a sector of technology that is growing rapidly and will continue to grow for the foreseeable future. The curriculum teaches students to recognize threats and procedures to be proactive against cybersecurity threats and/or respond to cybersecurity incidents, how to protect and defend against intrusions through the use of advanced techniques used by cybercriminals, and how to create innovative solutions to prevent hackers from stealing critical information or causing problems for computer networks. Students also learn about the ethics of security and hacking and the geopolitical ramifications of cyberattacks. The Cybersecurity Certificate is comprised of a group of industry-recognized CompTIA certifications and computer forensics and ethical hacking certification programs which will enhance a student's ability to pursue a career in cybersecurity.

PROGRAM STUDENT LEARNING OUTCOMES

1. Gain an understanding of computer technologies, such as, hardware, software, and networking technologies, as well as troubleshooting, methods of signaling and encoding, interfaces, transmission media, and the most important protocols involved in moving data over a communication network.
2. Understand concepts of cybersecurity, network security, risk assessment, disaster recovery, threat assessment, computer forensics, privacy, and ethics as it relates to security, law, civil compliance, and criminal activity.
3. Gain the skills necessary to apply knowledge of concepts, tools, and procedures to react to cybersecurity incidents and guard against cybersecurity attacks.
4. Understand how hardware, software, and networks interact and how to protect and defend against intrusions using advanced techniques that are used by cybercriminals.
5. Create innovative solutions to prevent hackers from stealing critical information or cause problems for computer networks.
6. Understand the ethical implications of working to protect organizations or countries against a cyberattack.

PROGRAM REQUIREMENTS

Requirements for the Cybersecurity certificate of achievement may be met by completing 30 units of required courses with a grade of "C" or better.

REQUIRED COURSES (30 UNITS)

CS 101	INTRODUCTION TO COMPUTER SCIENCE	3
CIS 210	INTRODUCTION TO COMPUTER NETWORKING	3
CIS 212	A+ CERTIFICATION PREPARATION-HARDWARE	3
CIS 213	A+ CERTIFICATION PREPARATION-SOFTWARE	3
CIS 214	INTRODUCTION TO NETWORK+	3
CIS 211	SECURITY+ CERTIFICATION PREPARATION	3
CIS 170	INTRODUCTION TO ETHICAL HACKING	3
CIS 112	OPERATING SYSTEMS - BEGINNING LINUX	3
CIS 166	COMPUTER FORENSICS I	3
CS 119	PROGRAMMING IN PYTHON	3

Cybersecurity Analyst
Certificate of Achievement
Major Units: 18
(State Code: 42239; TOP Code: 070200; Academic Plan: C042239D)

The Cybersecurity Analyst certificate of achievement program is a short, 2-semester program that prepares students for an entry level position in the field of computer internetwork systems security. The curriculum includes courses that prepare students to configure, analyze, test, troubleshoot, and evaluate local area networks (LANs), wide area networks (WANs), and cloud networks. The courses are also designed to teach students assessment procedures of system security vulnerabilities, implementing hardening the systems, risk mitigation strategies, and prevention strategies against cybersecurity attacks. Possible job opportunities include Computer Network Support Specialist, IT Consultant, Network Technical Analyst, Network Technician, Personal Computer Network Analyst, Systems Specialist, Information Security Officer, Information Security Specialist, Information Systems Security Analyst, Information Technology Security Analyst, Network Security Analyst, and Systems Analyst, and Penetration Testers.

PROGRAM STUDENT LEARNING OUTCOMES

1. Apply security concepts to mitigate risk and utilize wireless and cloud assessment tools to assess vulnerabilities of a system.
2. Set up a virtual private cloud including IAM user accounts using one of the major cloud service providers.
3. Install, set up, and configure a network based on the Linux or Microsoft Windows operating systems on a virtual computer.
4. Configure a sniffer (e.g. Wireshark, AirSnort,) and analyze data collected from multiple target systems and perform a session hijack between a target and a server.
5. Access a vulnerable virtual private network (VPN) and patch the vulnerability.

PROGRAM REQUIREMENTS

Requirements for the Cybersecurity Analyst certificate of achievement may be met by completing 18 units of required courses with a grade of "C" or better.

REQUIRED COURSES (18 UNITS)

CIS 112	OPERATING SYSTEMS - BEGINNING LINUX	3
CIS 191	CLOUD+ CERTIFICATION PREPARATION	3
CIS 210	INTRODUCTION TO COMPUTER NETWORKING	3
CIS 162	CYBER SECURITY I	3
CIS 170	INTRODUCTION TO ETHICAL HACKING	3
CIS 211	SECURITY+ CERTIFICATION PREPARATION	3

Data Science
Certificate of Achievement
Major Units: 22
(State Code: 42225D ; TOP Code: 070200; Academic Plan: C042225D)

The Data Science certificate of achievement provides students with foundational and practical knowledge and training to prepare them for entry-level careers in Data Science or Data Analytics. The program touches on both the Mathematical and Computational areas of the subject matter including Descriptive and Inferential Statistics, Programming & Analysis Tools such as Python and R, and existing AWS Cloud Services such as Data Lake, Athena, Glue, and Redshift. The program also helps prepare students with an appropriate background for the Data Analytics specialty certification from AWS. Topics include Data Exploration and Visualization with Jupyter, Regression Analysis, and other Data Science tools such as numpy, scipy, pandas, matplotlib, seaborn, statsmodels, scikit-learn, keras, and TensorFlow.

Possible Jobs: Data Scientist, Associate Data Scientist, Junior Data Scientist, Data Analyst, Business Analytics Specialist, Data Visualization Developer, Operations Research Analyst, Market Research Analyst, Modeling and Simulation Analyst, and Big Data Analyst.

PROGRAM STUDENT LEARNING OUTCOMES

1. Use Jupyter notebooks for interactive data exploration and visualization.
2. Use various Python libraries such as numpy, scipy, pandas, matplotlib, seaborn, statsmodels, scikit-learn, keras, and TensorFlow to analyze, visualize, and forecast data for various applications.
3. Apply data cleaning, preparation, wrangling, and ETL (Extract-Transform-Load) techniques to analyze structured, unstructured, and steaming data.
4. Use AWS Cloud Services such as Data Lakes, Athena, Glue, and Redshift to simplify Data Analysis.
5. Apply mathematical concepts related to probability and statistics in a modern, hands-on approach that uses software tools such as Python and R to gather, summarize, visualize data and to make predictions and with regression analysis.

PROGRAM REQUIREMENTS

Requirements for the Data Science certificate of achievement may be met by completing 22 units of required courses with a grade of "C" or better.

REQUIRED COURSES (22 UNITS)

CS 119	PROGRAMMING IN PYTHON	3
CIS 192	INTRODUCTION TO CLOUD COMPUTING	3
CIS 193	DATABASE ESSENTIALS IN AMAZON WEB SERVICES	3
CS 121	PYTHON PROGRAMMING FOR DATA SCIENCE & MACHINE LEARNING	3
CIS 219	INTRODUCTION TO ORACLE: SQL AND PL/SQL	3
CS 165	DATA SCIENCE PROGRAMMING AND APPLICATIONS	3
MATH 229	STATISTICS FOR DATA SCIENCE	3

Full Stack Web Application Developer

Certificate of Achievement

Major Units: 18
(State Code: 40237; TOP Code: 070710; Academic Plan: C040237D)

The certificate of achievement in Full Stack Web Application Developer provides the necessary skills required to code and maintain web applications. The certificate of achievement in Full Stack Web Application Developer uses MEAN development environment. MEAN stands for MongoDB, Express, Angular and Node.js. These are technologies that are the next generation in Web development. Students that complete the certificate will produce a personal portfolio of Web applications showcasing the various technologies.

PROGRAM STUDENT LEARNING OUTCOMES

1. Create a web application using CRUD methodology. Use it in fictitious books store to manage inventory, back orders and maintain a best seller list.
2. Create a web application that relies on HTTP verbs and supports RESTful paradigm. Implement this design by an order and line item processing application.
3. Create a portfolio of web sites highlighting use of JavaScript and CSS3. Showcase features such as accordions, SPA(single page application), modify web pages dynamically.
4. Gain appropriate skills in computer literacy, computer applications, and programing to enable efficient use of computers and their applications.
5. Gain skills in the use of client-side web technologies, such as HTML and CSS, for the design and development of interactive websites.

PROGRAM REQUIREMENTS

Requirements for the Full Stack Web Application Developer certificate of achievement may be met by completing 12 units of required courses and 6 units of electives with a grade of "C" or better.

REQUIRED COURSES (12 UNITS)

CS 101	INTRODUCTION TO COMPUTER SCIENCE	3
CIS 148	INTRODUCTION TO WEB DEVELOPMENT USING HTML & CSS	3
CS 112	PROGRAMMING IN JAVASCRIPT	3
CS 157	FULL-STACK WEB APPLICATION DEVELOPMENT	3

ELECTIVE COURSES (CHOOSE 6 UNITS)

CS 119	PROGRAMMING IN PYTHON	3
CS 113	PROGRAMMING IN JAVA	3
CS 116	PROGRAMMING IN C++	3
CIS 219	INTRODUCTION TO ORACLE: SQL AND PL/SQL	3

Java Programming

Certificate of Achievement

Major Units: 18
(State Code: 41000; TOP Code: 070710; Academic Plan: C041000D)

The Java Programming certificate of achievement provides students with comprehensive training in high-demand programming languages and methodologies including Visual Basic, Java, and Assembly language. Successful completion of the program will prepare students for an exciting career in software analysis, design, and development. Possible jobs include Computer Programmers, Software Developers: Applications, Software Developers: Systems Software, and Web Development.

PROGRAM STUDENT LEARNING OUTCOMES

1. Create a fully documented modular design with correct mathematical and logical operations suitable for implementation from a given program specification.
2. Gain appropriate skills in computer literacy, computer applications, and programing to enable efficient use of computers and their applications.
3. Design and implement solutions to general purpose problems using the Java programming language.
4. Employ advanced constructs such as networking, multi-threading, and recursion to design and implement solutions to advanced computer science problems.
5. Gain knowledge in basic mathematics as it relates to Computer Science including number systems, Sets & Venn Diagrams, boolean logic, truth tables, and circuit gates.
6. Gain an understanding of computer architecture and organization and apply this understanding to develop low-level code in assembly-language to solve a given problem.

PROGRAM REQUIREMENTS

Requirements for the Java Programming certificate of achievement may be met by completing 18 units of required courses with a grade of "C" or better.

REQUIRED COURSES (18 UNITS)

CS 101	INTRODUCTION TO COMPUTER SCIENCE	3
CS 102	PROGRAMMING LOGIC AND DESIGN (INTRODUCTION TO PROGRAMMING)	3
CS 103	MATHEMATICS FOR PROGRAMMERS	3
CS 113	PROGRAMMING IN JAVA	3
CS 130	INTRODUCTION TO COMPUTER ARCHITECTURE AND ORGANIZATION	3
CS 213	ADVANCED PROGRAMMING IN JAVA	3

Machine Learning
Certificate of Achievement

Major Units: 18
(State Code: 42224; TOP Code: 070200; Academic Plan: C042224D)

The Machine Learning certificate of achievement provides foundational and practical knowledge and training to help students enter careers related to Machine Learning applications and development, Data Science, or Data Engineering. The program touches on both open source programming tools and libraries such as Python, Scikit, and TensorFlow, and existing AWS Cloud Services such as Rekognition, SageMaker, and Deep Racer. The program also helps prepare students with an appropriate background for the Machine Learning specialty certification from AWS. Topics include concepts and terminology of Artificial Intelligence and Machine Learning, the four prevalent (Supervised, Unsupervised, Reinforcement, and GAN) models of machine learning and their applications, and various Python and AWS tools and services.

Possible Jobs: Machine Learning Engineer, Associate Data & Machine Learning Engineer, Data Scientist, Associate Data Scientist, Data Analyst, Business Analytics Specialist, Data Visualization Developer, Operations Research Analyst, Market Research Analyst, Modeling and Simulation Analyst, and Big Data Analyst.

PROGRAM STUDENT LEARNING OUTCOMES

1. Use various Python libraries such as numpy, scipy, pandas, matplotlib, seaborn, statsmodels, scikit-learn, keras, and TensorFlow to analyze, visualize, and forecast data for various applications.
2. Apply linear, polynomial, or logistic regression to determine relationship between input and output in supervised learning.
3. Apply binary, multi-class, and multi-label classification algorithms to choose between different alternatives in supervised learning.
4. Demonstrate the use of clustering algorithms and dimentionality reduction technique in unsupervised learning applications.
5. Explore reinforcement learning by modeling and formalizing computer interaction with the environment and machine learning through this interaction.
6. Apply AWS Cloud Services such as Rekognition, SageMaker, and Deep Racer to Machine Learning applications.

PROGRAM REQUIREMENTS

Requirements for the Machine Learning certificate of achievement may be met by completing 18 units of required courses with a grade of "C" or better.

REQUIRED COURSES (18 UNITS)

CS 101	INTRODUCTION TO COMPUTER SCIENCE	3
CS 119	PROGRAMMING IN PYTHON	3
CIS 192	INTRODUCTION TO CLOUD COMPUTING	3
CS 121	PYTHON PROGRAMMING FOR DATA SCIENCE & MACHINE LEARNING	3
CIS 194	COMPUTE ENGINES IN AMAZON WEB SERVICES	3
CS 166	MACHINE LEARNING PROGRAMMING AND APPLICATIONS	3

Programming Languages
Certificate of Achievement

Major Units: 33
(State Code: 08225; TOP Code: 070710; Academic Plan: C008225D)

The Programming Languages certificate of achievement provides students with comprehensive training in high demand programming languages and tools such as Visual Basic, C++, Java, SQL, and others. Students can choose between Oracle Database Administration and Cloud Computing tracks. Successful completion of the program will prepare students for an exciting career related to database administration, cloud computing, or software development.

PROGRAM STUDENT LEARNING OUTCOMES

1. Create a fully documented modular design with correct mathematical and logical operations suitable for implementation from a given program specification.
2. Gain appropriate skills in computer literacy, computer applications, and programing to enable efficient use of computers and their applications.
3. Design and implement solutions to general purpose problems using a programming language such as C++, Java, and Python.
4. Install, configure, and troubleshoot given problems for Linux, Windows, or other operating systems.
5. Design, create, update, and query a relational database using entity-relationship diagrams, normalization, and SQL.
6. Design Infrastructure as a Service (IaaS) for cloud computing to provide computing instances, establish virtual private networks, and manage databases and storage.
7. Analyze performance metrics of cloud architecture to respond dynamically to information and computing workloads.
8. Employ complex data structures and algorithms, including sorting, searching, and recursion, to design and implement solutions to advanced computer science problems.
9. Gain knowledge in basic mathematics as it relates to Computer Science including number systems, Sets & Venn Diagrams, boolean logic, truth tables, and circuit gates.
10. Use advanced programming constructs to solve problems related to recursion, object-oriented programming, and dynamic data types.

PROGRAM REQUIREMENTS

Requirements for the Programming Languages certificate of achievement may be met by completing 33 units of required courses with a grade of "C" or better.

REQUIRED COURSES (33 UNITS)

CIS 112	OPERATING SYSTEMS - BEGINNING LINUX	3
CIS 192	INTRODUCTION TO CLOUD COMPUTING	3
CIS 193	DATABASE ESSENTIALS IN AMAZON WEB SERVICES	3
CIS 194	COMPUTE ENGINES IN AMAZON WEB SERVICES	3
CIS 219	INTRODUCTION TO ORACLE: SQL AND PL/SQL	3
CS 101	INTRODUCTION TO COMPUTER SCIENCE	3
CS 102	PROGRAMMING LOGIC AND DESIGN (INTRODUCTION TO PROGRAMMING)	3
CS 103	MATHEMATICS FOR PROGRAMMERS	3
CS 113 OR	PROGRAMMING IN JAVA	3
CS 116	PROGRAMMING IN C++	3
CS 136	INTRODUCTION TO DATA STRUCTURES	3
CS 213 OR	ADVANCED PROGRAMMING IN JAVA	3
CS 216	OBJECT ORIENTED PROGRAMMING IN C++	3

COMPUTER TECHNOLOGY

OVERVIEW

The Computer Technology (CT) program provides training in the principles underlying the design of modern computer systems. The program presents the theory of computer architecture and design. The CT program prepares students for entry-level positions related to computer hardware. Opportunities include computer repair, manufacture, and installation, among others. Students completing one of the certificate programs can expect to enter high-paying positions in the computer industries. With more experience and/or a bachelor's degree or advance trade certification, entry-level technicians can advance in position and salary.

PROGRAMS OFFERED

AWARD	AWARD TYPE	ACADEMIC PLAN	MAJOR UNITS	FA*
Computer Technology	AS	C008229C	36	Y
Computer Technology	C	C021624D	36	Y
Program in A+ Certification	CS	C070810J	12-13	N

*FA = Financial Aid Eligible. Yes = Eligible for all aid.
No = Ineligible for Federal Pell and Cal Grant, FSEOG, Federal Work-Study, and Federal Loans.
Please consult with Financial Aid Office on award eligibility.

Computer Technology
Associate of Science (AS) Degree

Major Units: 36   Total Units: Minimum of 60
(State Code: 08229; TOP Code: 093410; Academic Plan: C008229C)

The Computer Technology AS degree prepares students for a career as a technician in digital electronics technology in all branches of the industry, from manufacturing to testing and service. The program gives students hands-on experience that can be extremely useful for students who decide to continue their education with a bachelor's degree in computer or electrical engineering.

PROGRAM STUDENT LEARNING OUTCOMES
1. Describe the electrical and logical characteristics and operation of processors, memory, and control systems.
2. Design and draw schematics for a simple embedded system.
3. Design a simple motor control system.

PROGRAM REQUIREMENTS
Requirements for the Computer Technology Associate of Science degree may be met by completing: (a) 36 units of major core courses with a grade of "C" or better; (b) all general education requirements (English and Math must be completed with a grade of "C" or better); (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken at LACCD.

MAJOR CORE COURSES (36 UNITS)

CIS 101	INTRODUCTION TO COMPUTERS AND THEIR USES	3
CO TECH 002	INTRODUCTION TO ELECTRONICS	3
CO TECH 005	FUNDAMENTALS OF ELECTRONICS I	4
CO TECH 006	FUNDAMENTALS OF ELECTRONICS II	4
CO TECH 007	ELECTRONIC DEVICES	4
CIS 212	A+ CERTIFICATION PREPARATION-HARDWARE	3
CIS 213	A+ CERTIFICATION PREPARATION-SOFTWARE	3
CO TECH 020	COMPUTER LOGIC AND ARITHMETIC	4
CO TECH 030	INTRODUCTION TO MICROPROCESSORS	4
CO TECH 036	DIGITAL DEVICES AND CIRCUITS	4

Computer Technology
Certificate of Achievement

Major Units: 36
(State Code: 21624; TOP Code: 093410; Academic Plan: C021624D)

The Computer Technology certificate of achievement prepares students for a career as a technician in digital electronics technology in all branches of the industry, from manufacturing to testing and service. The program gives students hands-on experience that can be extremely useful for students who decide to continue their education with a bachelor's degree in computer or electrical engineering.

PROGRAM STUDENT LEARNING OUTCOMES
1. Describe the electrical and logical characteristics and operation of processors, memory, and control systems.
2. Design and draw schematics or a simple embedded system.
3. Design a simple motor control system.

PROGRAM REQUIREMENTS

Requirements for the Computer Technology certificate of achievement may be met by completing 36 units of required courses with a grade of "C" or better.

REQUIRED COURSES (36 UNITS)

CIS 101	INTRODUCTION TO COMPUTERS AND THEIR USES	3
CO TECH 002	INTRODUCTION TO ELECTRONICS	3
CO TECH 005	FUNDAMENTALS OF ELECTRONICS I	4
CO TECH 006	FUNDAMENTALS OF ELECTRONICS II	4
CO TECH 007	ELECTRONIC DEVICES	4
CIS 212	A+ CERTIFICATION PREPARATION-HARDWARE	3
CIS 213	A+ CERTIFICATION PREPARATION-SOFTWARE	3
CO TECH 020	COMPUTER LOGIC AND ARITHMETIC	4
CO TECH 030	INTRODUCTION TO MICROPROCESSORS	4
CO TECH 036	DIGITAL DEVICES AND CIRCUITS	4

Program in A+ Certification

Skills Certificate

Major Units: 12-13
(TOP Code: 070810; Academic Plan: C070810J)

Upon completing this short program, the student is fully prepared to sit for the CompTIA A+ Certification Examination and work as an entry level PC technician.

PROGRAM STUDENT LEARNING OUTCOMES

1. Identify components in a personal computer.
2. Diagnose problems in personal computer hardware and operating system and independently design solutions using the information gained through the component manuals and manufacturer web sites.
3. Diagnose and resolve a problem in a peer-to-peer local area network.
4. Use a breadboard to connect a simple electronic circuit based on a given schematic diagram.
5. Assemble components on a printed circuit board using a soldering iron to connect a simple electronic circuit based on a given schematic diagram.

PROGRAM REQUIREMENTS

Requirements for the A+ Certification skills certificate may be met by completing 12-13 units of required courses with a grade of "C" or better.

REQUIRED COURSES (12-13 UNITS)

CIS 101	INTRODUCTION TO COMPUTERS AND THEIR USES	3
CIS 212	A+ CERTIFICATION PREPARATION-HARDWARE	3
CIS 213	A+ CERTIFICATION PREPARATION-SOFTWARE	3
CO TECH 002 OR	INTRODUCTION TO ELECTRONICS	3
CO TECH 005 OR	FUNDAMENTALS OF ELECTRONICS I	4
CO TECH 006	FUNDAMENTALS OF ELECTRONICS II	4

Earth Sciences

Department Chair: Nate Lorentz
For more information visit:
www.lacc.edu/academics/departments

EARTH SCIENCES

OVERVIEW

Earth Sciences is comprised of the diverse disciplines of Earth Science, Environmental Science, Geography, and Geology. We use the scientific method to understand Earth and its inhabitants on numerous spatial and temporal scales. Students will recognize and explain fundamental Earth science principles; obtain data from online, library, and field experiences; and obtain technical vocabulary and skills. Earth Sciences courses are intended for both majors and general education, providing opportunities for students to meet Physical Science and Social Science CSU/UC transfer requirements. Our transfer students are represented at CSU, UC, and private universities throughout California and beyond.

Department resources include ArcGIS software, minerals, rocks, fossils, maps, and access to a district-owned 250-acre ecological reserve.

Geography is best described as a "spatial science" in that it employs the use of maps and spatial analysis to understand the world. Introductory courses explore both physical and human patterns via spatial analysis. These components of physical geography (Earth's weather, climate, and landforms) and cultural geography (population, migration, culture, and industry) are synthesized in courses on the geography of California, and soon-to-come mapping and fieldwork courses.

Geologists study the solid Earth, including Earth materials, Earth history, and the internal and external Earth processes. Earth scientists study the components of the Earth system and their interactions, including the geosphere, hydrosphere, and atmosphere.

PROGRAMS OFFERED

AWARD	AWARD TYPE	ACADEMIC PLAN	MAJOR UNITS	FA*
Geography	AA-T	C040897G	20-21	Y
Geology	AS-T	C039789H	28	Y

*FA = Financial Aid Eligible. Yes = Eligible for all aid.
No = Ineligible for Federal Pell and Cal Grant, FSEOG, Federal Work-Study, and Federal Loans. Please consult with Financial Aid Office on award eligibility.

Geography

Associate in Arts (AA-T) Degree

Major Units: 20-21   Total Units: Minimum of 60
(State Code: 40897; TOP Code: 220600; Academic Plan: C040897G)

The Associates in Arts in Geography for Transfer degree is designed to meet the minimum requirements for transfer to a California State University (CSU) Bachelor of Arts Degree program in Geography. The transfer degree assures foundational preparation for transfer opportunities at California State Universities as students pursue a degree in Geography or a related field.

The Geography ADT provides students a transfer curriculum focused on the integration of Physical (GEOG 1) and Cultural (GEOG 2) Geographic knowledge with a spatial perspective that is useful in identifying, understanding, and solving problems of local, regional, and global importance. The degree provides students an opportunity to gain experience gathering, analyzing, and displaying spatial data. Field and map courses weave research design and the scientific method to complement the technical skills learned. Both Physical and Social Sciences are integrated into a framework to apply critical Geographic thought.

The Geography coursework complements coursework in the related disciplines of Geology and Anthropology and helps students develop skills that are applicable to a wide range of careers such as: urban/regional planning, natural resource management, cartography/mapmaking, marketing consulting, epidemiological modeling, natural hazard assessment, social science research, and climatology.

Completion of this curriculum will demonstrate commitment to the field and provide comprehensive preparation for further academic study through upper-division course work. This curriculum specifically prepares the prospective transfer student for upper division coursework in Geography or a similar major at a California State University (CSU) campus. Students should consult a counselor, the Transfer Center and the catalog of the transfer college or university to plan a specific program of study to meet the college or university's requirements.

To earn the AA-T, students must meet the following requirements:

a. Completion of 60 semester units that are eligible for transfer to the California State University by completing the following:
   - The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth (CSU GE-Breadth) requirements; and
   - A minimum of 18 semester units in a major or area of emphasis, as approved by the CCC Chancellor's Office.
b. A minimum grade point average of 2.0 or higher. Students completing this degree will have satisfied the lower division major preparation and transfer requirements for priority admission to a local CSU campus.

PROGRAM STUDENT LEARNING OUTCOMES

1. Describe how physical and cultural characteristics contribute to a sense of place.
2. Obtain spatial data from online sources.
3. Obtain original spatial data from geographic fieldwork.
4. Create testable hypotheses that integrate a spatial perspective to address social and environmental issues.
5. Select and perform spatial analysis techniques in a GIS computer environment to test hypotheses.
6. Create a map, complete with appropriate cartographic elements, that communicates spatial information.

PROGRAM REQUIREMENTS

Requirements for the Geography Associate in Arts transfer degree may be met by completing: (a) 6-7 units of major core courses, 6-7 units from "List A," and 6 units from "List B" with a grade of "C" or better; (b) all CSU GE-Breadth requirements of which Subject Areas A1, A2, A3, and B4 (The "Golden Four") must be completed with a grade of "C-" or better; (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken at LACCD.

MAJOR CORE COURSES (6-7 UNITS)

GEOG 001	PHYSICAL GEOGRAPHY	3
GEOG 015	PHYSICAL GEOGRAPHY LABORATORY	2
GEOG 002	CULTURAL ELEMENTS OF GEOGRAPHY	3

LIST A: SELECT TWO TO THREE COURSES (6-7 UNITS)

GEOG 014	GEOGRAPHY OF CALIFORNIA	3
GEOG 004	MAP READING AND INTERPRETATION	3
GEOG 020-1	GEOGRAPHIC FIELD STUDIES (MOUNTAINS)	1

LIST B: SELECT TWO COURSES (6 UNITS)

ANTHRO 102	HUMAN WAYS OF LIFE: CULTURAL ANTHROPOLOGY	3
GEOLOGY 001	PHYSICAL GEOLOGY	3
OR ANY "LIST A" COURSE NOT ALREADY USED		

Geology

Associate in Science (AS-T) Degree

Major Units: 28   Total Units: Minimum of 60
(State Code: 39789; TOP Code: 191400; Academic Plan: C039789H)

The Geology Associate in Science transfer degree is designed to meet the minimum requirements for transfer to a California State University (CSU) Bachelor of Science Degree program in the Geological Sciences. The transfer degree assures foundational preparation for transfer opportunities at CSUs as students pursue a degree in Geology or a related field. The major provides students with a comprehensive view of the geological history of Earth and its inhabitants in the context of dynamic internal and external processes, including tectonism, formation of Earth materials, and climate systems. Students develop skills in spatial analysis, quantitative thinking, and the scientific inquiry; learn to recognize the importance and impacts of water, energy, and mineral resource production; and gain an understanding of the natural world through supportive STEM coursework. Completion of this curriculum will demonstrate commitment to the field and provide comprehensive preparation for further academic study through upper-division course work.

Students should consult a counselor, the Transfer Center, and the catalog of the transfer college or university to plan a specific program of study to meet the college or university's requirements.

To earn the AS-T, students must meet the following requirements:

a. Completion of 60 semester units that are eligible for transfer to the California State University by completing the following:

- The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth (CSU GE-Breadth) requirements; and
- A minimum of 18 semester units in a major or area of emphasis, as approved by the CCC Chancellor's Office.

b. A minimum grade of "C" (or "P") for each course in the major and minimum grade point average of 2.0 or higher. Students completing this degree will have satisfied the lower division major preparation and transfer requirements for priority admission consideration to a local CSU campus.

PROGRAM STUDENT LEARNING OUTCOMES

1. Apply scientific reasoning to problem solving.
2. Employ vocabulary of geological subjects.
3. Acquire, synthesize, and interpret geological data.
4. Recognize and explain fundamental geologic principles, including plate tectonics theory, deep time, and formation of natural resources.

PROGRAM REQUIREMENTS

Requirements for the Geology Associate in Science transfer degree may be met by completing: (a) 28 units of major core courses with a grade of "C" or better; (b) all CSU GE-Breadth requirements of which Subject Areas A1, A2, A3, and B4 (The "Golden Four") must be completed with a grade of "C-" or better; (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken at LACCD.

MAJOR CORE COURSES (28 UNITS)

GEOLOGY 001	PHYSICAL GEOLOGY	3
GEOLOGY 006	PHYSICAL GEOLOGY LABORATORY	1
GEOLOGY 002	EARTH HISTORY	3
GEOLOGY 007	EARTH HISTORY LABORATORY	1
CHEM 101*	GENERAL CHEMISTRY I	5
CHEM 102	GENERAL CHEMISTRY II	5
MATH 261**	CALCULUS I	5
MATH 262	CALCULUS II	5

*CHEM 060 (Introduction to General Chemistry) is a prerequisite for CHEM 101.

**MATH 260 (Precalculus) or MATH 260S (Precalculus with Support) is a prerequisite for MATH 261.

Life Sciences

Department Chair: Greg Gonsalves
For more information visit:
www.lacc.edu/academics/departments

LIFE SCIENCES

OVERVIEW

The Life Sciences Department's goal is to provide all students the opportunity to explore the science of life and to complete general education requirements in the natural sciences. We also prepare students for transfer to four-year programs in the biological sciences and for acceptance into various allied health programs. This preparation may lead to careers in teaching, nursing, medicine, dentistry, veterinary medicine, pharmacy, physical therapy, physician assistant, and many other fields. We are committed to providing our students with the knowledge and skills necessary for a successful career path and to nurture a life-long curiosity of the natural and biological world.

PROGRAMS OFFERED

AWARD	AWARD TYPE	ACADEMIC PLAN	MAJOR UNITS	FA*
Biology	AS-T	C036049H	33-35	Y
Pre-Allied Health	AS	C038859C	26-28	Y
Pre-Allied Health	C	C038860D	20-22	Y

*FA = Financial Aid Eligible. Yes = Eligible for all aid.
No = Ineligible for Federal Pell and Cal Grant, FSEOG, Federal Work-Study, and Federal Loans. Please consult with Financial Aid Office on award eligibility.

Biology

Associate in Science (AS-T) Degree

Major Units: 33-35 *Total Units: Minimum of 60*
(State: 36049; TOP Code: 040100; Academic Plan: C036049H)

The Biology AS-T provides students with a background to evaluate and understand new discoveries and to make informed decisions about the use of scientific knowledge to benefit all living organisms. The curriculum is generally required of lower-division biological sciences majors, as well as pre-dental, pre-medical, pre-optometry, pre-pharmacy, and pre-veterinary students. The degree includes coursework that aligns with specific lower-division major requirements for biological sciences-related majors at various universities within the California State University (CSU) system.

To earn the Associate Degree for Transfer, students must meet the following requirements:

a. Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University by completing the following:

- The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth (CSU GE-Breadth) requirements; and
- A minimum of 18 semester units in a major or area of emphasis, as approved by the CCC Chancellor's Office.

b. Minimum grade of "C" (or "P") for each course in the major, and minimum grade point average of 2.0 or higher. Students completing this degree will have satisfied the lower division major preparation and transfer requirements for priority admission consideration to a local CSU campus.

PROGRAM STUDENT LEARNING OUTCOMES

1. Apply concepts of the scientific method.
2. Demonstrate understanding of core biological concepts..
3. Demonstrate proficiency in common biological lab skills and analysis.

PROGRAM REQUIREMENTS

Requirements for the Biology Associate in Science transfer degree may be met by completing: (a) 10 units of major core courses and 23-25 units from "List A" with a grade of "C" or better; (b) all CSU GE-Breadth requirements of which Subject Areas A1, A2, A3, and B4 (The "Golden Four") must be completed with a grade of "C-" or better; (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken at LACCD.

MAJOR CORE COURSES (10 UNITS)

BIOLOGY 006	GENERAL BIOLOGY I	.5
BIOLOGY 007	GENERAL BIOLOGY II	.5

LIST A (23-25 UNITS)

CHEM 101	GENERAL CHEMISTRY I	.5
CHEM 102	GENERAL CHEMISTRY II	.5
MATH 261	CALCULUS I	.5
PHYSICS 006 AND	GENERAL PHYSICS I	.4
PHYSICS 007 OR	GENERAL PHYSICS II	.4
PHYSICS 101 AND	PHYSICS FOR ENGINEERS AND SCIENTISTS I	.5
PHYSICS 102	PHYSICS FOR ENGINEERS AND SCIENTISTS II	.5

Pre-Allied Health

Associate of Science (AS) Degree

Major Units: 26-28   Total Units: Minimum of 60
(State Code: 38859; TOP Code: 126000; Academic Plan: C038859C)

The Pre-Allied Health AS prepares students for entry into allied health programs such as nursing, dental hygiene, occupational therapy, physical therapy, pharmacy, radiologic technologies, physician assistant, and chiropractic. Courses in this degree are prerequisites for many health professional programs and are transferable to various majors, including Nursing, Kinesiology, and Nutrition. Some variations of entry requirements may exist among allied health programs and will require students to refer to the school of interest.

PROGRAM STUDENT LEARNING OUTCOMES

1. Demonstrate proficiency in various laboratory techniques and methods.
2. Work safely in a laboratory or clinical setting.
3. Apply biological concepts as it relates to health and disease.
4. Describe anatomical structures.

PROGRAM REQUIREMENTS

Requirements for the Pre-Allied Health Associate of Science degree may be met by completing: (a) 12-13 units of required courses and 14-15 units of elective courses with a grade of "C" or better; (b) all general education requirements (English and Math must be completed with a grade of "C" or better); (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken at LACCD.

REQUIRED COURSES (12-13 UNITS)

ANATOMY 001	INTRODUCTION TO HUMAN ANATOMY	4
PHYSIOL 001	INTRODUCTION TO HUMAN PHYSIOLOGY	4
MICRO 001	INTRODUCTORY MICROBIOLOGY	5
OR		
MICRO 020	GENERAL MICROBIOLOGY	4

ELECTIVE COURSES (14-15 UNITS)

AREA 1: SELECT ONE COURSE

CHEM 060	INTRODUCTION TO GENERAL CHEMISTRY	5
OR		
CHEM 101	GENERAL CHEMISTRY I	

AREA 2: SELECT THREE COURSES

COMM 101	PUBLIC SPEAKING	3
ENGLISH 101	COLLEGE READING AND COMPOSITION I	3
FAM &CS 021	NUTRITION	3
HEALTH 002	HEALTH AND FITNESS	3
HEALTH 008	WOMEN'S PERSONAL HEALTH	3
HEALTH 021	HUMAN SEXUALITY	3
MATH 227	STATISTICS	4
PSYCH 001	INTRODUCTORY PSYCHOLOGY	3
SOC 001	INTRODUCTION TO SOCIOLOGY	3

Pre-Allied Health

Certificate of Achievement

Major Units: 20-22

(State Code: 38860; TOP Code: 126000; Academic Plan: C038860D)

The Pre-Allied Health certificate of achievement prepares students for entry into allied health programs such as nursing, dental hygiene, occupational therapy, physical therapy, pharmacy, radiologic technologies, physician assistant, and chiropractic. Courses in this certificate are prerequisites for many health professional programs and are transferable to various majors at four-year institutions. Some variations of entry requirements may exist among allied health programs and will require students to refer to the school of interest.

PROGRAM STUDENT LEARNING OUTCOMES

1. Demonstrate proficiency in various laboratory techniques and methods.
2. Work safely in a laboratory or clinical setting.
3. Apply biological concepts as it relates to health and disease.
4. Describe anatomical structures.

PROGRAM REQUIREMENTS

Requirements for the Pre-Allied Health certificate of achievement may be met by completing 12-13 units of required courses and 8-9 units of elective courses with a grade of "C" or better.

REQUIRED COURSES (12-13 UNITS)

ANATOMY 001	INTRODUCTION TO HUMAN ANATOMY	4
PHYSIOL 001	INTRODUCTION TO HUMAN PHYSIOLOGY	4
MICRO 001	INTRODUCTORY MICROBIOLOGY	5
OR		
MICRO 020	GENERAL MICROBIOLOGY	4

ELECTIVE COURSES: SELECT ONE FROM EACH AREA (8-9 UNITS)

LIST A: SELECT ONE (5 UNITS)

CHEM 060	INTRODUCTION TO GENERAL CHEMISTRY	5
OR		
CHEM 101	GENERAL CHEMISTRY I	5

LIST B: SELECT ONE (3-4 UNITS)

COMM 101	PUBLIC SPEAKING	3
ENGLISH 101	COLLEGE READING AND COMPOSITION I	3
FAM &CS 021	NUTRITION	3
HEALTH 002	HEALTH AND FITNESS	3
HEALTH 008	WOMEN'S PERSONAL HEALTH	3
HEALTH 021	HUMAN SEXUALITY	3
MATH 227	STATISTICS	4
PSYCH 001	INTRODUCTORY PSYCHOLOGY	3
SOC 001	INTRODUCTION TO SOCIOLOGY	3

Liberal Arts

Liberal Arts: Natural and Applied Sciences and Mathematics

Associate of Arts (AA) Degree

Major Units: 18   Total Units: Minimum of 60
(State Code: 19844; TOP Code: 490200; Academic Plan: C019844C)

These courses emphasize the natural sciences which examine the physical universe, its life forms, and its natural phenomena. Courses in mathematics emphasize the development of mathematical and quantitative reasoning beyond the level of intermediate algebra.

PROGRAM STUDENT LEARNING OUTCOMES

1. Communicate effectively, by means of listening, speaking, reading, and writing.
2. Utilize contemporary information technology to retrieve, process, and communicate information.
3. Apply critical thinking skills to solve problems, to evaluate arguments, and to interpret information.

PROGRAM REQUIREMENTS

Requirements for the Liberal Arts: Natural Sciences and Mathematics Associate of Arts degree may be met by completing: (a) 18 units of major core courses with a grade of "C" or better, chosen from a minimum of two different subjects; (b) all general education requirements; (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken within the LACCD.

MAJOR CORE COURSES (SELECT 18 UNITS)

ANATOMY 001	INTRODUCTION TO HUMAN ANATOMY	4
ANTHRO 101	HUMAN BIOLOGICAL EVOLUTION	3
ASTRON 001	ELEMENTARY ASTRONOMY	3
ASTRON 005	FUNDAMENTALS OF ASTRONOMY LABORATORY	1
ASTRON 011	STARS, GALAXIES, AND THE UNIVERSE	3
BIOLOGY 003	INTRODUCTION TO BIOLOGY	4
BIOLOGY 006	GENERAL BIOLOGY I	5
BIOLOGY 007	GENERAL BIOLOGY II	5
BIOLOGY 025	HUMAN BIOLOGY	3
BUS 015	BUSINESS STATISTICS	3
CHEM 060	INTRODUCTION TO GENERAL CHEMISTRY	5
CHEM 071	INTRO TO FOOD CHEMISTRY	4
CHEM 101	GENERAL CHEMISTRY I	5
CHEM 102	GENERAL CHEMISTRY II	5
CHEM 211	ORGANIC CHEMISTRY FOR SCIENCE MAJORS I	5
CHEM 212	ORGANIC CHEMISTRY FOR SCIENCE MAJORS II	5
CHEM 221	BIOCHEMISTRY FOR SCIENCE MAJORS	5
EARTH 001	EARTH SCIENCE	3
ENG GEN 101	INTRODUCTION TO SCIENCE, ENGINEERING AND TECHNOLOGY	2
ENG GEN 120	INTRODUCTION TO PROGRAMMING CONCEPTS AND METHODOLOGIES FOR SCIENTISTS AND ENGINEERS	4
ENG GEN 131	STATICS	3
ENG GEN 151	MATERIALS OF ENGINEERING	3
ENG ELC 220	ELECTRICAL CIRCUITS I	4
ENV SCI 001	INTRODUCTION TO ENVIRONMENTAL SCIENCE	3

FAM &CS 021	NUTRITION	3
GEOG 001	PHYSICAL GEOGRAPHY	3
GEOG 015	PHYSICAL GEOGRAPHY LABORATORY	2
GEOLOGY 001	PHYSICAL GEOLOGY	3
GEOLOGY 002	EARTH HISTORY	3
GEOLOGY 006	PHYSICAL GEOLOGY LABORATORY	2
GEOLOGY 007	EARTH HISTORY LABORATORY	1
MATH 215	MATHEMATICAL CONCEPTS FOR TEACHERS I	3
MATH 216	MATHEMATICAL CONCEPTS FOR TEACHERS II	3
MATH 227	STATISTICS	4
MATH 227S	STATISTICS WITH SUPPORT	4
MATH 229	STATISTICS FOR DATA SCIENCE	4
MATH 230	MATHEMATICS FOR LIBERAL ARTS STUDENTS	3
MATH 236	CALCULUS FOR BUSINESS AND SOCIAL SCIENCE	5
MATH 245	COLLEGE ALGEBRA	3
MATH 258	GEOMETRY AND TRIGONOMETRY	5
MATH 260	PRECALCULUS	5
MATH 260S	PRECALCULUS WITH SUPPORT	5
MATH 261	CALCULUS I	5
MATH 261A	CALCULUS I PART A	3
MATH 261B	CALCULUS I PART B	3
MATH 261S	CALCULUS I WITH SUPPORT	5
MATH 262	CALCULUS II	5
MATH 263	CALCULUS III	5
MATH 270	LINEAR ALGEBRA	3
MATH 272	METHODS OF DISCRETE MATHEMATICS	5
MATH 275	ORDINARY DIFFERENTIAL EQUATIONS	3
MATH 279	LINEAR ALGEBRA FOR DATA SCIENCE	4
MICRO 001	INTRODUCTORY MICROBIOLOGY	5
MICRO 020	GENERAL MICROBIOLOGY	4
MICRO 040	MICROBIOLOGY LABORATORY PREPARATIONS	1
PHYS SC 004	PHYSICAL SCIENCE AND LABORATORY	4
PHYS SC 010	PHYSICS AND THE MOVIES	3
PHYSICS 006	GENERAL PHYSICS I	4
PHYSICS 007	GENERAL PHYSICS II	4
PHYSICS 011	INTRODUCTORY PHYSICS	4
PHYSICS 012	PHYSICS FUNDAMENTALS	3
PHYSICS 014	PHYSICS FUNDAMENTALS LABORATORY	1
PHYSICS 021	GENERAL PHYSICS I WITH CALCULUS	4
PHYSICS 022	GENERAL PHYSICS II WITH CALCULUS	4
PHYSICS 101	PHYSICS FOR ENGINEERS AND SCIENTISTS I	5
PHYSICS 102	PHYSICS FOR ENGINEERS AND SCIENTISTS II	5
PHYSICS 103	PHYSICS FOR ENGINEERS AND SCIENTISTS III	5
PHYSICS 161	ASTROPHYSICS AND COSMOLOGY	3
PHYSIOL 001	INTRODUCTION TO HUMAN PHYSIOLOGY	4
PSYCH 002	BIOLOGICAL PSYCHOLOGY	3
OR		

OR ANY COURSE NOT LISTED ABOVE APPROVED FOR LACCD GE AREA A, CSU GE-BREADTH AREA B1, B2, B3, OR B4;, IGETC SUBJECT AREA 2A, 5 (5A, 5B, OR 5C);, OR CAL-GETC AREA 2A, 5 (5A, 5B, OR 5C)

Mathematics

Department Chair: Kee Lam
For more information visit:
www.lacc.edu/academics/departments

MATHEMATICS

OVERVIEW

The LACC Mathematics program offers courses ranging from entry-level to university level, including basic statistics, college algebra, and math for liberal arts and business majors, as well as calculus and ordinary differential equations for STEM majors. Our courses are offered in different sessions: 15-week semesters (Fall/Spring), 5-week Winter session, and 5-week and 8-week Summer sessions. Instructional modalities include in-person, hybrid, online (synchronous and asynchronous) classes which meet from one to four days per week. Classes start early in the morning and finish in late evening to accommodate a variety of schedules.

LACC's student Math Team has placed in the top 5 out of 200 colleges in the National American Mathematical Association of Two-Year Colleges competition for 16 times in the past 20 years. We placed number 1 in the nation for six of those years.

The Mathematics Program is extremely proactive with respect to student support and scholarship. Each spring semester, as part of student encouragement and recognition, the Program awards several merit-based scholarships to students taking transfer-level courses. The amount of the awards is between $500 and $1000, with an occasional $1250 award.

A tutoring lab and four computer laboratories are available for student support and student employment. Many classes use software including MyMathLab. Math Department offers tutoring service in-person in the Pi-Shop Tutoring Center in FH 104 and remotely via zoom. The tutoring support offered by the Pi-Shop has become crucial to the learning of science and mathematics and helping students to reach their academic goals, and the student success rates speak very highly of it.

Tutor position is currently open for employment. This is a great opportunity for individual who have a passion for teaching and helping students succeed academically.

PROGRAMS OFFERED

AWARD	AWARD TYPE	ACADEMIC PLAN	MAJOR UNITS	FA*
Mathematics	AS-T	C033153H	21	Y
Mathematics	AS	C002754C	21	Y
Statistical Data Analytics	C	C044061D	19	Y

*FA = Financial Aid Eligible. Yes = Eligible for all aid.
No = Ineligible for Federal Pell and Cal Grant, FSEOG, Federal Work-Study, and Federal Loans.
R = In progress
Please consult with Financial Aid Office on award eligibility.

Mathematics

Associate in Science (AS-T) Degree

Major Units: 21   Total Units: Minimum of 60
(State Code: 33153; TOP Code: 170100; Academic Plan: C033153H)

The Mathematics Associate in Science transfer degree meets the lower division course requirements necessary for the California State University (CSU) system. Mathematics courses include basic skills and general education courses for future teachers, and courses for students majoring in science, technology, engineering, and mathematics. The degree provides students with an analytical academic foundation to help them transfer to the California State University system.

To earn the AS-T, students must meet the following requirements:

a. Completion of 60 semester units that are eligible for transfer to the California State University by completing the following:

- The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth (CSU GE-Breadth) requirements; and
- A minimum of 18 semester units in a major or area of emphasis, as approved by the CCC Chancellor's Office.

b. A minimum grade point average of 2.0 or higher. Students completing this degree will have satisfied the lower division major preparation and transfer requirements for priority admission consideration to a local CSU campus.

PROGRAM STUDENT LEARNING OUTCOMES

1. Solve, interpret, and analyze mathematical concepts/graphs.
2. Apply mathematical problem-solving techniques.

PROGRAM REQUIREMENTS

Requirements for the Mathematics Associate in Science transfer degree may be met by completing: (a) 15 units of major core courses and 6 units from "List A" with a grade of "C" or better; (b) all CSU GE-Breadth requirements of which Subject Areas A1, A2, A3, and B4 (The "Golden Four") must be completed with a grade of "C-" or better; (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken at LACCD.

MAJOR CORE COURSES (15 UNITS)

MATH 261*	CALCULUS I	.5
MATH 262	CALCULUS II	.5
MATH 263	CALCULUS III	.5

LIST A (6 UNITS)

MATH 270	LINEAR ALGEBRA	.3
MATH 275	ORDINARY DIFFERENTIAL EQUATIONS	.3

MATH 260 (Precalculus) or MATH 260S (Precalculus with Support) is a prerequisite for MATH 261.

Mathematics
Associate of Science (AS) Degree

Major Units: 21   Total Units: Minimum of 60
(State Code: 02754; TOP Code: 170100; Academic Plan: C002754C)

An Associate Degree in mathematics from LACC can be the first half of an equation that adds up to a bachelor's degree in mathematics. Students take courses in statistics, calculus, linear algebra, and differential equations. These courses are firstand second-year degree requirements for the first two years of a bachelor's degree in mathematics. LACC graduates have gone on to earn bachelor's degrees from UC Berkeley, UCLA, UCSD, UCI, the California State University system, and nationwide. Students can join the award-winning Math Club. LACC Math Club students have been National Champions for the AMATYC National Mathematics Competition five times in the last 18 years. The Math Club placed in the top six for the past 16 years. Math scholarships are available.

PROGRAM STUDENT LEARNING OUTCOMES

1. Solve, interpret, and analyze mathematical concepts/graphs.
2. Apply mathematical problem-solving techniques.

PROGRAM REQUIREMENTS

Requirements for the Mathematics Associate of Science degree may be met by completing: (a) 21 units of major core courses with a grade of "C" or better; (b) all general education requirements (English and Math must be completed with a grade of "C" or better); (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken at LACCD.

REQUIRED COURSES (21 UNITS)

MATH 261*	CALCULUS I	5
MATH 262	CALCULUS II	5
MATH 263	CALCULUS III	5
MATH 270	LINEAR ALGEBRA	3
MATH 275	ORDINARY DIFFERENTIAL EQUATIONS	3

*MATH 260 (Precalculus) or MATH 260S (Precalculus with Support) is a prerequisite for MATH 261.

Statistical Data Analytics
Certificate of Achievement

Major Units: 19
(State Code: Pending; TOP Code: 070200; Academic Plan: C044061D)

The Statistical Data Analytics Certificate of Achievement provides students with foundational knowledge of statistical theory, methodologies, and tools, enabling them to apply statistical techniques to diverse data analysis tasks. Students will demonstrate proficiency in using data science tools, like Python and R, for data processing, including data collection, cleaning, and transformation, to ensure data quality and reliability for analytical purposes.

Potential careers: Data Analyst, Data Scientist, Healthcare Data Analyst, Statistical Analyst, Research Scientist, Market Research Analyst, Data Consultant, Statistical Software Developer, Data Visualization Developer, computer systems analyst, computer network support specialist, computer network architect, statistical assistant, and professional career in data science fields.

PROGRAM STUDENT LEARNING OUTCOMES

1. Convey information to diverse stakeholders through clear and impactful data visualization through the use of Python or R.
2. Construct and evaluate complex statistical models, interpret findings, and make data-driven recommendations in various contexts.

PROGRAM REQUIREMENTS

Requirements for the Statistical Data Analytics certificate of achievement may be met by completing 19 units of required courses with a grade of "C" or better.

REQUIRED COURSES (19 UNITS)

MATH 217	FUNDAMENTALS OF MATHEMATICAL PROGRAMMING	4
MATH 229	STATISTICS FOR DATA SCIENCE	4
CIS 219	INTRODUCTION TO ORACLE: SQL AND PL/SQL	3
MATH 279	LINEAR ALGEBRA FOR DATA SCIENCE	4
MATH 239	APPLIED DATA SCIENCE	4

Physics/Engineering

Department Chair: Jayesh Bhakta
For more information visit:
www.lacc.edu/academics/departments

ENGINEERING

OVERVIEW

The Engineering program supports students planning to pursue further studies through courses that fulfill the lower division course requirements for Engineering majors.

PROGRAM OFFERED

AWARD	AWARD TYPE	ACADEMIC PLAN	MAJOR UNITS	FA*
Engineering	AS	C008226C	45-60	Y

*FA = Financial Aid Eligible. Yes = Eligible for all aid.
No = Ineligible for Federal Pell and Cal Grant, FSEOG, Federal Work-Study, and Federal Loans.
Please consult with Financial Aid Office on award eligibility.

Engineering

Associate of Science (AS) Degree

Major Units: 45   Total Units: Minimum of 60
(State Code: 08226; TOP Code: 090100; Academic Plan: C008226C)

The Engineering Associate of Science degree consists of the math, physics, chemistry, and engineering courses that are typically required to fulfill lower division requirements for transfer as Mechanical, Civil, Electrical, Computer, or other Engineering majors at four-year colleges. Students should have completed precalculus level math to begin the sequence of math and physics courses that comprise this degree. Students undertaking this program of study are advised to meet with a counselor to develop an optimal educational plan to ensure completion of this high-unit degree within a reasonable time period.

PROGRAM STUDENT LEARNING OUTCOMES

1. Apply the principles of mathematics, science, and engineering to mechanical and electrical systems.
2. Design and conduct science and engineering experiments, as well as analyze and interpret the data and results of the experiments.
3. Function within a team, communicate effectively, behave professionally, and act with ethical responsibility as it relates to the science and engineering fields.
4. Utilize techniques, skills, tools, and equipment necessary for the practice of engineering.

PROGRAM REQUIREMENTS

Requirements for the Engineering Associate of Science degree may be met by completing: (a) 45 units of major core courses with a grade of "C" or better; (b) all general education requirements (English and Math must be completed with a grade of "C" or better); (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken at LACCD.

MAJOR CORE COURSES (28 UNITS)

MATH 261S	CALCULUS I	5
MATH 262	CALCULUS II	5
MATH 263	CALCULUS III	5
MATH 275	ORDINARY DIFFERENTIAL EQUATIONS	3
PHYSICS 101	PHYSICS FOR ENGINEERS AND SCIENTISTS I	5
PHYSICS 102	PHYSICS FOR ENGINEERS AND SCIENTISTS II	5

SCIENCE AND ENGINEERING ELECTIVE COURSES (14 UNITS)

ENG GEN 101	INTRODUCTION TO SCIENCE, ENGINEERING AND TECHNOLOGY	2
EGD TEK 101	ENGINEERING GRAPHICS	3
MATH 270	LINEAR ALGEBRA	3
MATH 272	METHODS OF DISCRETE MATHEMATICS	5
ENG GEN 151	MATERIALS OF ENGINEERING	3
ENG GEN 131	STATICS	3
PHYSICS 103	PHYSICS FOR ENGINEERS AND SCIENTISTS II	5
ENG ELEC 220	ELECTRICAL CIRCUITS I	4
CHEM 101*	GENERAL CHEMISTRY I	5
CHEM 102	GENERAL CHEMISTRY II	5
CS 216	OBJECT-ORIENTED PROGRAMMING IN C++	3

COMPUTER PROGRAMMING ELECTIVE COURSES (3 UNITS)

ENG GEN 120	INTRO TO PROGRAMMING CONCEPTS AND METHODOLOGIES FOR SCIENTISTS AND ENGINEERS	4
CS 116	PROGRAMMING IN C++	3
CS 119	PROGRAMMING IN PYTHON	3
CS 113	PROGRAMMING IN JAVA	3

CHEM 060 (Introduction to General Chemistry) is a prerequisite for CHEM 101.

**MATH 260 (Precalculus) or MATH 260S (Precalculus with Support) is a prerequisite for MATH 261.*

PHYSICS

OVERVIEW

Studying physics will help you develop an understanding and appreciation of the physical world and prepare you for further work in science, engineering, medical, and technical fields. The LACC Physics department offers classes for science and engineering majors, as well as classes and labs for non-science majors which meet transfer requirements to four-year schools. In addition to modern equipment, the department offers research experiences at Cal State LA and JPL (Jet Propulsion Laboratory), access to an on-campus observatory and computer controlled telescopes, and "Star Parties"— special astronomy field trips.

PROGRAMS OFFERED

AWARD	AWARD TYPE	ACADEMIC PLAN	MAJOR UNITS	FA*
Physics	AS-T	C033154H	30	Y
Physics	AS	C002755C	41-42	Y
*FA = Financial Aid Eligible. Yes = Eligible for all aid.				
No = Ineligible for Federal Pell and Cal Grant, FSEOG, Federal Work-Study, and Federal Loans.				
Please consult with Financial Aid Office on award eligibility.				

Physics

Associate in Science (AS-T) Degree

Major Units: 30   Total Units: Minimum of 60
(State Code: 33154; TOP Code: 190200; Academic Plan: C033154H)

The Associate in Science in Physics transfer degree offers classes for science and engineering majors, as well as classes and labs for non-science majors which meet transfer requirements to complete the requirements for a baccalaureate degree in Physics. Studying physics will help you develop an understanding and appreciation of the physical world and prepare you for further work in science, engineering, medical and technical fields. This program allows students to comprehend the core concepts and principles of classical and modern physics.

To earn the AS-T, students must meet the following requirements:

a. Completion of 60 semester units that are eligible for transfer to the California State University by completing the following:

- The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth (CSU GE-breadth) requirements; and
- A minimum of 18 semester units in a major or area of emphasis, as approved by the CCC Chancellor's Office.

b. A minimum grade point average of 2.0 or higher. Students completing this degree will have satisfied the lower division major preparation and transfer requirements for priority admission consideration to a local CSU campus.

PROGRAM STUDENT LEARNING OUTCOMES

1. Comprehend the core concepts and principles of classical and modern physics.
2. Recognize the interrelationships between the various principles of physics as well as recognizing the coherence of the entire subject.
3. Apply the scientific method to design and conduct physics experiments, and to analyze and interpret the data obtained.
4. Solve problems using a systematic approach, test the correctness of solutions, and interpret results in terms of the physical reality they represent.
5. Utilize computer applications for data acquisition, presentation and analysis.

PROGRAM REQUIREMENTS

Requirements for the Physics Associate in Science transfer degree may be met by completing: (a) 15 units of major core courses and 15 units from "List A" with a grade of "C" or better; (b) all CSU GE-Breadth requirements of which Subject Areas A1, A2, A3, and B4 (The "Golden Four") must be completed with a grade of "C-" or better; (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken at LACCD.

MAJOR CORE COURSES (15 UNITS)

PHYSICS 101	PHYSICS FOR ENGINEERS AND SCIENTISTS I	5
PHYSICS 102	PHYSICS FOR ENGINEERS AND SCIENTISTS II	5
PHYSICS 103	PHYSICS FOR ENGINEERS AND SCIENTISTS III	5

LIST A (15 UNITS)

MATH 261*	CALCULUS I	5
MATH 262	CALCULUS II	5
MATH 263	CALCULUS III	5

*MATH 260 (Precalculus) or MATH 260S (Precalculus with Support) is a prerequisite for MATH 261.

Physics

Associate of Science (AS) Degree

Major Units: 41-42   Total Units: Minimum of 60
(State Code: 02755; TOP Code: 190200; Academic Plan: C002755C)

The Associate of Science in Physics program is comprised of a sequence of courses typically required as lower division preparation for transfer in a Physics major at a four-year school as a junior. Students wishing to enter the program of study should have completed precalculus level math and are encouraged to consult with a counselor as transfer institutions may have additional lower-division major preparation requirements.

PROGRAM STUDENT LEARNING OUTCOMES

1. Comprehend the core concepts and principles of classical and modern physics.
2. Recognize the interrelationships between the various principles of physics as well as recognizing the coherence of the entire subject.
3. Apply the scientific method to design and conduct physics experiments, and to analyze and interpret the data obtained.
4. Solve problems using a systematic approach, test the correctness of solutions, and interpret results in terms of the physical reality they represent.
5. Utilize computer applications for data acquisition, presentation, and analysis.

PROGRAM REQUIREMENTS

Requirements for the Physics Associate of Science degree may be met by completing: (a) 38 units of major core courses with a grade of "C" or better, 3 units from the list electives (b) all general education requirements (English and Math must be completed with a grade of "C" or better); (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken at LACCD.

MAJOR CORE COURSES (38 UNITS)

CHEM 101	GENERAL CHEMISTRY I	5
MATH 261*	CALCULUS I	5
MATH 262	CALCULUS II	5
MATH 263	CALCULUS III	5
MATH 275	ORDINARY DIFFERENTIAL EQUATIONS	3
PHYSICS 101	PHYSICS FOR ENGINEERS AND SCIENTISTS I	5
PHYSICS 102	PHYSICS FOR ENGINEERS AND SCIENTISTS II	5
PHYSICS 103	PHYSICS FOR ENGINEERS AND SCIENTISTS III	5

ELECTIVE COURSES (3 UNITS)

ENG GEN	INTRODUCTION TO PROGRAMMING CONCEPTS AND METHODOLOGIES FOR SCIENTISTS AND ENGINEERS	4
CS 113	PROGRAMMING IN JAVA	3
CS 116	PROGRAMMING IN C++	3
CS 119	PROGRAMMING IN PYTHON	3
MATH 270	LINEAR ALGEBRA	3

MATH 260 (Precalculus) or MATH 260S (Precalculus with Support) is a prerequisite for MATH 261.

The School of Health, Child, and Family Sciences

The School of Health, Child, and Family Sciences prepares students for careers in various healthcare and human services professions, as well as providing education in areas related to family dynamics and community well-being. The School offers a range of programs and pathways designed to equip students with the knowledge, skills, and practical experience needed to succeed in their chosen fields. Through rigorous coursework, hands-on experiences, and supportive faculty guidance, students in these programs are prepared for rewarding careers in diverse healthcare and human services professions.

NURSING

The Nursing program prepares students for careers as Registered Nurses (RNs) through a combination of classroom instruction, laboratory practice, and clinical rotations in healthcare settings.

DENTAL TECHNOLOGY

The Dental Technology program guides students towards a successful career as a dental technologist in either a commercial dental laboratory or dental office laboratory.

CHILD DEVELOPMENT

The Child Development program focuses on understanding child growth and development, as well as effective teaching and caregiving techniques for young children. These programs prepare students for employment in early childhood programs and related fields in early care and education.

KINESIOLOGY

Kinesiology programs focus on the study of physical activity and its impact on health, society, and quality of life. These programs educate and inspire students to understand the importance of physical activity during the lifespan.

Child & Family Studies/Dietetics

Department Chair: Keli Miller, MA
Vice Chair: Aykanush Ter-Pogosyan
For more information visit:
www.lacc.edu/academics/departments

CHILD DEVELOPMENT

OVERVIEW

Welcome to the Child Development program. Students wishing to prepare for employment in early childhood programs or other related fields in early care and education and those currently employed may select several alternative patterns of study. The curriculum prepares students to teach or administer programs for young children, including private early childhood programs, public programs such as school district children's centers and Head Start or state preschool programs, infant programs, and school-age before and after-school programs.

Courses allow students to prepare for increasingly higher levels of employment and certification. The programs may prepare the student for the educational requirements of the Department of Social Services Community Care Licensing, the California Child Development Permit, the Associate of Arts degree in Child Development, or the Associate in Science transfer degree in Early Childhood Education.

PROGRAM NOTES

Students beginning their course work for certificates and degrees in Child Development must be aware of the following:

- Criminal Clearance: In order to fulfill state licensing requirements for employment in private and public programs, students must receive a criminal clearance to work with young children. Consult with faculty for additional information.
- Mantoux test: Some Child Development courses may require students to obtain a Mantoux test for tuberculosis clearance. The college Health Center provides this service. Call ahead to schedule a Mantoux test and reading at 323-953-4000 ext. 2485.
- In order to complete CH DEV 022/023 Practicum in Child Development I and II, or to work in the field of early care and education, students must show proof of immunization against measles, pertussis, and the flu.
- CPR Training: Employers may require students to take a 15 hour cardiopulmonary resuscitation class. This class covers training on basic first aid for infants and children, CPR techniques, and information on basic health and sanitation procedures.
- Child Development Training Consortium (CDTC): When students are ready to apply for the Child Development Permit from the Commission on Teacher Credentialing, visit https://childdevelopment.org/. For assistance, contact a Child Development faculty member.

PROGRAMS OFFERED

AWARD	AWARD TYPE	ACADEMIC PLAN	MAJOR UNITS	FA*
Early Childhood Education	AS-T	C031030H	25	Y
Child Development	AA	C010783C	36	Y
Child Development Associate Teacher	C	C008236D	16	Y
Child Development Master Teacher	C	C008238D	40	Y
Child Development Site Supervisor	C	C008239D	36	Y
Child Development Teacher	C	C008237D	28	Y
Children With Special Needs	C	C038856D	18	Y
Infant & Toddler Studies	C	C038156D	21	Y

*FA = Financial Aid Eligible. Yes = Eligible for all aid.
No = Ineligible for Federal Pell and Cal Grant, FSEOG, Federal Work-Study, and Federal Loans. Please consult with Financial Aid Office on award eligibility.

Early Childhood Education
Associate in Science (AS-T) Degree

Major Units: 25   Total Units: Minimum of 60
(State Code: 31030; TOP Code: 130500; Academic Plan: C031030H)

The Early Childhood Education Associate transfer degree prepares students for transfer to a California State University (CSU) and for employment in an early care and education program. Students develop skills, knowledge, and attitudes that prepare them to work as teachers of young children or as administrators of early childhood education programs. Students who successfully complete the degree are guaranteed admission with junior status to the CSU system, but not to a specific campus or major. The student will receive priority admission to the local CSU campus and to a program or major that is similar to his or her community college major or area of emphasis.

To earn the AS-T, students must meet the following requirements:

a. Completion of 60 semester units that are eligible for transfer to the California State University by completing the following:

   - The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth (CSU GE-Breadth) requirements; and
   - A minimum of 18 semester units in a major or area of emphasis, as approved by the CCC Chancellor's Office.

b. A minimum grade point average of 2.0 or higher. Students completing this degree will have satisfied the lower division major preparation and transfer requirements for priority admission consideration to a local CSU campus.

PROGRAM STUDENT LEARNING OUTCOMES

1. Integrate understanding of the needs, characteristics, and multiple influences on all areas of development of children birth to age eight that support optimal development.
2. Promote partnerships between programs, teachers, family, and communities, applying ethical standards and culturally sensitive professional behavior.

3. Design, implement, and evaluate developmentally appropriate environments, curriculum, and teacher/child interactions, applying the skills of observation and assessment.

PROGRAM REQUIREMENTS

Requirements for the Early Childhood Education Associate in Science transfer degree may be met by completing: (a) 25 units of major core courses with a grade of "C" or better; (b) all CSU GE-Breadth requirements of which Subject Areas A1, A2, A3, and B4 (The "Golden Four") must be completed with a grade of "C-" or better; (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken at LACCD.

MAJOR CORE COURSES (25 UNITS)

CH DEV 001	CHILD GROWTH AND DEVELOPMENT	3
CH DEV 002	EARLY CHILDHOOD: PRINCIPLES AND PRACTICES	3
CH DEV 007	INTRODUCTION TO CURRICULUM IN EARLY CHILDHOOD EDUCATION	3
CH DEV 010	HEALTH, SAFETY AND NUTRITION	3
CH DEV 011	CHILD, FAMILY AND COMMUNITY	3
CH DEV 022	PRACTICUM IN CHILD DEVELOPMENT I	4
CH DEV 034	OBSERVING AND RECORDING CHILDREN'S BEHAVIOR	3
CH DEV 042	TEACHING IN A DIVERSE SOCIETY	3

Child Development

Associate of Arts (AA) Degree

Major Units: 36   Total Units: Minimum of 60
(State Code: 10783; TOP Code: 130500; Academic Plan: C010783C)

Completion of the Child Development Associate of Arts degree prepares students for employment in an early care and education program. Students develop skills, knowledge, and attitudes that prepare them to work as teachers of young children or as administrators of early childhood education programs.

PROGRAM STUDENT LEARNING OUTCOMES

1. Integrate understanding of the needs, characteristics, and multiple influences on all areas of development of children birth to age eight that support optimal development.
2. Promote partnerships between programs, teachers, families, and communities, applying ethical standards and culturally sensitive professional behavior.
3. Design, implement, and evaluate developmentally appropriate environments, curriculum, and teacher/child interactions, applying the skills of observation and assessment.

PROGRAM REQUIREMENTS

Requirements for the Child Development Associate of Arts degree may be met by completing: (a) 27 units of major core courses and 9 units of major elective courses with a grade of "C" or better; (b) all general education requirements (English and Math must be completed with a grade of "C" or better); (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken at LACCD.

REQUIRED COURSES (27 UNITS)

CH DEV 001	CHILD GROWTH AND DEVELOPMENT	3
CH DEV 002	EARLY CHILDHOOD: PRINCIPLES AND PRACTICES	3
CH DEV 007	INTRODUCTION TO CURRICULUM IN EARLY	

	CHILDHOOD EDUCATION	3
CH DEV 010	HEALTH, SAFETY AND NUTRITION	3
CH DEV 011	CHILD, FAMILY AND COMMUNITY	3
CH DEV 022	PRACTICUM IN CHILD DEVELOPMENT I	4
CH DEV 023	PRACTICUM IN CHILD DEVELOPMENT II	4
CH DEV 065	ADULT SUPERVISION/EARLY CHILDHOOD MENTORING	2
CH DEV 084-1	CHILD DEVELOPMENT LAB I: CURRICULUM DEVELOPMENT	0.5
CH DEV 084-2	CHILD DEVELOPMENT LAB I: TECHNOLOGY FOR THE EARLY CHILDHOOD EDUCATOR	0.5
CH DEV 172	INTRODUCTION TO CAREERS IN CHILD DEVELOPMENT	1

MAJOR ELECTIVE COURSES: SELECT THREE (9 UNITS)

CH DEV 030	INFANT/TODDLER DEVELOPMENT	3
CH DEV 031	INFANT/TODDLER CARE AND EDUCATION	3
CH DEV 034	OBSERVING AND RECORDING CHILDREN'S BEHAVIOR	3
CH DEV 038	ADMINISTRATION & SUPERVISION OF EARLY CHILDHOOD PROGRAMS I	3
CH DEV 039	ADMINISTRATION II: PERSONNEL AND LEADERSHIP IN EARLY CHILDHOOD EDUCATION	3
CH DEV 042	TEACHING IN A DIVERSE SOCIETY	3
CH DEV 044	EARLY INTERVENTION FOR CHILDREN WITH SPECIAL NEEDS	3
CH DEV 045	PROGRAMS FOR CHILDREN WITH SPECIAL NEEDS	3
CH DEV 048	POSITIVE GUIDANCE IN EARLY CHILDHOOD SETTINGS	3
ENGLISH 218	CHILDREN'S LITERATURE	3
FAM &CS 021	NUTRITION	3
FAM &CS 031	MARRIAGE AND FAMILY LIFE	3

*Some courses may be offered every other semester, or less frequently, or alternating day and evening.

**Consult with the department regarding specialization options to satisfy AA degree and certificate requirements.

Child Development Associate Teacher

Certificate of Achievement

Major Units: 16
(State Code: 08236; TOP Code: 130500; Academic Plan: C008236D)

This certificate is the first step on the early childhood career ladder. Recipients of this certificate meet the minimum state requirements to teach in a private preschool or school-age program, and with the addition of CH DEV 030, infant programs. With work experience, students may qualify for the California Child Development Permit: Associate Teacher level.

PROGRAM STUDENT LEARNING OUTCOMES

1. Integrate an understanding of the needs, characteristics, and multiple influences that support optimal development in all areas of development for children from birth to age eight.
2. Promote partnerships between programs, teachers, families, and communities, applying ethical standards and culturally sensitive professional behavior.
3. Design, implement, and evaluate developmentally appropriate environments, curriculum, and teacher/child interactions, while applying the skills of observation and assessment.

PROGRAM REQUIREMENTS

Requirements for the Child Development Associate Teacher certificate of achievement may be met by completing 16 units of required courses with a grade of "C" or better.

REQUIRED COURSES (16 UNITS)

CH DEV 001	CHILD GROWTH AND DEVELOPMENT 3
CH DEV 002	EARLY CHILDHOOD: PRINCIPLES AND PRACTICES 3
CH DEV 007	INTRODUCTION TO CURRICULUM IN EARLY CHILDHOOD EDUCATION 3
CH DEV 010	HEALTH, SAFETY AND NUTRITION 3
CH DEV 011	CHILD, FAMILY AND COMMUNITY 3
CH DEV 172	INTRODUCTION TO CAREERS IN CHILD DEVELOPMENT............................1
OR	
CH DEV 084-1	CHILD DEVELOPMENT LAB I: CURRICULUM DEVELOPMENT 0.5
AND	
CH DEV 084-2	CHILD DEVELOPMENT LAB I: TECHNOLOGY FOR THE EARLY CHILDHOOD EDUCATOR 0.5

**To qualify for Title 22, Director, complete all core units and CH DEV 038 (Administration & Supervision of Early Childhood Programs I).

Child Development Master Teacher
Certificate of Achievement

Major Units: 40
(State Code: 08238; TOP Code: 130500; Academic Plan: C008238D)

This certificate enables the recipient to teach and supervise other child development teachers and staff. Some responsibilities of the Master Teacher may include developing and implementing age-appropriate curriculum within a safe, healthy, and stimulating environment; supervision of classroom staff; and creating positive communication links with parents, school, and community. Additionally, the certificate is designed to meet the requirements for the major and for the Associate in Arts degree in Child Development. With work experience and 16 general education units, students may also qualify for the California Child Development Permit: Master Teacher level. This permit is the gateway to becoming a Mentor Teacher with the CA Early Childhood Mentor Program.

PROGRAM STUDENT LEARNING OUTCOMES

1. Integrate an understanding of the needs, characteristics, and multiple influences that support optimal development in all areas of development for children from birth to age eight.
2. Apply methods and principles of effective supervision and mentoring in early childhood programs to develop positive staff relationships and support professional growth.
3. Design, implement, and evaluate developmentally appropriate environments, curriculum, and teacher/child interactions, while applying the skills of observation and assessment.
4. Apply effective guidance and interaction strategies that support a child's social learning, identity, and self-confidence in an early childhood classroom setting.
5. Apply ethical standards and professional behaviors that demonstrate understanding and knowledge, deepening the commitment to the Early Care and Education profession.

PROGRAM REQUIREMENTS

Requirements for the Child Development Master Teacher certificate of achievement may be met by completing 34 units of required courses and 6 units of elective courses with a grade of "C" or better.

REQUIRED COURSES (34 UNITS)

CH DEV 001	CHILD GROWTH AND DEVELOPMENT 3
CH DEV 002	EARLY CHILDHOOD: PRINCIPLES AND PRACTICES 3
CH DEV 007	INTRODUCTION TO CURRICULUM IN EARLY CHILDHOOD EDUCATION 3
CH DEV 010	HEALTH, SAFETY AND NUTRITION....................3
CH DEV 011	CHILD, FAMILY AND COMMUNITY 3
CH DEV 022	PRACTICUM IN CHILD DEVELOPMENT I..............4
CH DEV 023	PRACTICUM IN CHILD DEVELOPMENT II 4
CH DEV 034	OBSERVING AND RECORDING CHILDREN'S BEHAVIOR............................3
CH DEV 042	TEACHING IN A DIVERSE SOCIETY 3
CH DEV 065	ADULT SUPERVISION AND EARLY CHILDHOOD MENTORING..................2
ENGLISH 101	COLLEGE READING AND COMPOSITION I.............3

ELECTIVE COURSES (SELECT ONE 6 UNIT SPECIALIZATION)

SPECIALIZATION - OPTION 1		
CH DEV 030	INFANT/TODDLER DEVELOPMENT	3
CH DEV 031	INFANT/TODDLER CARE AND EDUCATION	3

SPECIALIZATION - OPTION 2		
CH DEV 044	EARLY INTERVENTION FOR CHILDREN WITH SPECIAL NEEDS	3
CH DEV 045	PROGRAMS FOR CHILDREN WITH SPECIAL NEEDS	3

SPECIALIZATION - OPTION 3		
CH DEV 048	POSITIVE GUIDANCE IN EARLY CHILDHOOD SETTINGS	3
FAM &CS 031	MARRIAGE AND FAMILY LIFE	3

Child Development Site Supervisor

Certificate of Achievement

Major Units: 36
(State Code: 08239; TOP Code: 130580; Academic Plan: C008239D)

This certificate is the highest certificate offered by the Child Development program. Recipients of the certificate are qualified to supervise an entire program at one site. Some responsibilities of site supervisors include the use of positive leadership skills to implement the sites' philosophy; adherence to state and federal licensing requirements; budget implementation; enforcement of enrollment/registration policies and procedures; hiring; inspiring and supervising all staff; fostering positive communication links between home, school and community; maintaining appropriate health, safety, and nutrition standard; supervision of curriculum; and schedule development.

Students wishing to obtain the California Child Development Permit: Site Supervisor level, must meet experience requirements, obtain an Associate in Arts degree, and meet the requirements listed.

PROGRAM STUDENT LEARNING OUTCOMES

1. Integrate an understanding of the needs, characteristics, and multiple influences that support optimal development in all areas of development for children from birth to age eight.
2. Apply methods and principles of effective supervision and mentoring in early childhood programs to develop positive staff relationships and support professional growth.
3. Design, implement, and evaluate developmentally appropriate environments, curriculum, and teacher/child interactions, while applying the skills of observation and assessment.
4. Apply ethical standards and professional behaviors that demonstrate understanding and knowledge, deepening the commitment to the Early Care and Education profession.
5. Analyze and apply the financial and legal rules and regulations pertaining to administration of an early childhood program.

PROGRAM REQUIREMENTS

Requirements for the Child Development Site Supervisor certificate of achievement may be met by completing 36 units of required courses with a grade of "C" or better.

REQUIRED COURSES (36 UNITS)

CH DEV 001	CHILD GROWTH AND DEVELOPMENT	3
CH DEV 002	EARLY CHILDHOOD: PRINCIPLES AND PRACTICES	3
CH DEV 007	INTRODUCTION TO CURRICULUM IN EARLY CHILDHOOD EDUCATION	3
CH DEV 010	HEALTH, SAFETY AND NUTRITION	3
CH DEV 011	CHILD, FAMILY AND COMMUNITY	3
CH DEV 022	PRACTICUM IN CHILD DEVELOPMENT I	4
CH DEV 034	OBSERVING AND RECORDING CHILDREN'S BEHAVIOR	3
CH DEV 038	ADMINISTRATION & SUPERVISION OF EARLY CHILDHOOD PROGRAMS I	3
CH DEV 039	ADMINISTRATION II: PERSONNEL AND LEADERSHIP IN EARLY CHILDHOOD EDUCATION	3
CH DEV 042	TEACHING IN A DIVERSE SOCIETY	3
CH DEV 065	ADULT SUPERVISION/EARLY CHILDHOOD MENTORING	2
ENGLISH 101	COLLEGE READING AND COMPOSITION I	3

Child Development Teacher

Certificate of Achievement

Major Units: 28
(State Code: 08237; TOP Code 130500; Academic Plan: C008237D)

This certificate of achievement, along with 16 general education units and work experience, makes the student eligible for the California Child Development Permit: Teacher level. Recipients of this certificate may teach in private or public preschool and school-age programs, and with the addition of CH DEV 030, in infant programs

PROGRAM STUDENT LEARNING OUTCOMES

1. Integrate an understanding of the needs, characteristics, and multiple influences that support optimal development in all areas of development for children from birth to age eight.
2. Promote partnerships between programs, teachers, families, and communities, applying ethical standards and culturally sensitive professional behavior.
3. Design, implement, and evaluate developmentally appropriate environments, curriculum and teacher/child interactions, while applying the skills of observation and assessment.
4. Apply effective guidance and interaction strategies that support a child's social learning, identity, and self-confidence in an early childhood classroom setting.

PROGRAM REQUIREMENTS

Requirements for the Child Development Teacher certificate of achievement may be met by completing 28 units of required courses with a grade of "C" or better.

REQUIRED COURSES (28 UNITS)

CH DEV 001	CHILD GROWTH AND DEVELOPMENT	3
CH DEV 002	EARLY CHILDHOOD: PRINCIPLES AND PRACTICES	3
CH DEV 007	INTRODUCTION TO CURRICULUM IN EARLY CHILDHOOD EDUCATION	3
CH DEV 010	HEALTH, SAFETY AND NUTRITION	3
CH DEV 011	CHILD, FAMILY AND COMMUNITY	3
CH DEV 022	PRACTICUM IN CHILD DEVELOPMENT I	4
CH DEV 034	OBSERVING AND RECORDING CHILDREN'S BEHAVIOR	3
CH DEV 042	TEACHING IN A DIVERSE SOCIETY	3

ENGLISH 101   COLLEGE READING AND COMPOSITION I.............3

To complete the requirements for the California Child Development Permit: Teacher level, add 16 general education units including humanities, social science, math/science, and English. Consult with a counselor regarding general education requirements.

Children with Special Needs

Certificate of Achievement

Major Units: 18
(State Code: 38856; TOP Code: 130520; Academic Plan: C038856D)

This certificate of achievement qualifies students for an entry-level teacher or assistant position in a program with children who have special needs. Students gain skills in accommodating and adapting the physical environment and developing instructional strategies and curriculum to meet the needs of differently-abled children and their families.

PROGRAM STUDENT LEARNING OUTCOMES

1. Integrate and demonstrate knowledge of the needs, characteristics, and multiple influences that support optimal development in all areas for differently-abled children.
2. Promote partnerships between programs, teachers, families, and communities, applying ethical standards and culturally sensitive professional behavior to support the development of children with special needs.
3. Design, implement, and evaluate developmentally appropriate environments, curriculum, and interactions between teachers and differently-abled children.
4. Apply the skills of observation and assessment.

PROGRAM REQUIREMENTS

Requirements for the Children with Special Needs skills certificate may be met by completing 18 units of required courses with a grade of "C" or better.

REQUIRED COURSES (18 UNITS)

CH DEV 001	CHILD GROWTH AND DEVELOPMENT	3
CH DEV 010	HEALTH, SAFETY AND NUTRITION	3
CH DEV 011	CHILD, FAMILY AND COMMUNITY	3
CH DEV 044	EARLY INTERVENTION FOR CHILDREN WITH SPECIAL NEEDS	3
CH DEV 045	PROGRAMS FOR CHILDREN WITH SPECIAL NEEDS	3
CH DEV 048	POSITIVE GUIDANCE IN EARLY CHILDHOOD SETTINGS	3

Infant & Toddler Studies

Certificate of Achievement

Major Units: 21
(State Code: 38156; TOP Code 130590; Academic Plan: C038156D)

The Infant & Toddler Studies certificate of achievement qualifies the student for the most entry-level teacher position within private infant/toddler programs. Infant/Toddler teachers are responsible for supervising the care and development of children from birth through 2½ years old. Responsibilities include developing and sustaining caring, loving, respectful relationships; designing developmentally age-appropriate curriculum; organizing parent conferences; and establishing clear daily communications with parents and other caregivers.

PROGRAM STUDENT LEARNING OUTCOMES

1. Integrate and demonstrate knowledge of the needs, characteristics, and multiple influences that support optimal development in all areas for children from birth through 2½ years of age.
2. Promote partnerships between programs, teachers, families, and communities applying ethical standards and culturally sensitive professional behavior to support the development of infants and toddlers.
3. Design, implement, and evaluate developmentally appropriate environments, curriculum, and interactions between teachers and infants/toddlers, while applying the skills of observation and assessment.

PROGRAM REQUIREMENTS

Requirements for the Infant & Toddler Studies certificate of achievement may be met by completing 21 units of required courses with a grade of "C" or better.

REQUIRED COURSES (21 UNITS)

CH DEV 001	CHILD GROWTH AND DEVELOPMENT	3
CH DEV 010	HEALTH, SAFETY AND NUTRITION	3
CH DEV 011	CHILD, FAMILY AND COMMUNITY	3
CH DEV 030	INFANT/TODDLER DEVELOPMENT	3
CH DEV 031	INFANT/TODDLER CARE AND EDUCATION	3
CH DEV 034	OBSERVING AND RECORDING CHILDREN'S BEHAVIOR	3
ENGLISH 101	COLLEGE READING AND COMPOSITION I	3

DIETETICS/NUTRITION/ FAMILY AND CONSUMER STUDIES

OVERVIEW

LACC's Dietetics/Nutrition/Family and Consumer Studies programs include an Associate in Science transfer degree in Nutrition and Dietetics and a Dietetic Service Supervisor certificate of achievement. The degree in Nutrition and Dietetics provides the first two years of the Registered Dietitian pathway. The Dietetic Service Supervisor certificate is an approved Pathway I program through the Association of Nutrition and Foodservice Professionals. Completion of Dietetic Service Supervisor courses provides eligibility for the Certifying Exam for Dietary Managers.

Dietetics/Nutrition/Family and Consumer Studies programs involve course, fieldwork, and hands-on experience in therapeutic and clinical nutrition, food service management, and food production through on-campus events and simulated restaurant experience. Students are invited and encouraged to take part in the Dietetics Club endorsed by the Associated Student Government. The club brings nutrition and healthy diet practices to the LACC community.

PROGRAMS OFFERED

AWARD	AWARD TYPE	ACADEMIC PLAN	MAJOR UNITS	FA*
Nutrition and Dietetics	AS-T	C038867H	26	Y
Dietetic Service Supervisor	C	C008242D	25	Y

*FA = Financial Aid Eligible. Yes = Eligible for all aid.
No = Ineligible for Federal Pell and Cal Grant, FSEOG, Federal Work-Study, and Federal Loans. Please consult with Financial Aid Office on award eligibility.

Nutrition and Dietetics

Associate in Science (AS-T) Degree

Major Units: 26   Total Units: Minimum of 60
(State Code: 38867; TOP Code: 130600; Academic Plan: C038867H)

The Nutrition and Dietetics AS-T prepares students to integrate and apply the principles of the food and nutrition sciences, human behavior, and the biomedical sciences to design and manage effective nutrition programming in a variety of settings including hospitals, health care organizations, food service operations, business and industry (product development, marketing, consulting), food assistance programs, education and research, health promotion, and private practice counseling. Careers include nutritionist, nutrition educator, weight loss counselor, diet technician, food services manager, patient services manager, dietitian, pediatric dietitian, nutrition researcher, sports and cardiac rehabilitation dietitian, nutrition consultant, diabetes educator, and many others.

The Associate degree track may be completed in two years and consists of a core of liberal arts, nutrition, and science courses. Support courses in the curriculum allow the student to explore special interests that are related to their personal/professional goals and interests.

To earn the AS-T, students must meet the following requirements:

a. Completion of 60 semester units that are eligible for transfer to the California State University by completing the following:

- The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth (CSU GE-Breadth) requirements; and
- A minimum of 18 semester units in a major or area of emphasis, as approved by the CCC Chancellor's Office.

b. A minimum grade point average of 2.0 or higher. Students completing this degree will have satisfied the lower division major preparation and transfer requirements for priority admission consideration to a local CSU campus.

PROGRAM STUDENT LEARNING OUTCOMES

1. Evaluate current health/ nutrition information for scientific accuracy and reliability.
2. Apply scientific/reliable approaches to make recommendations to meet an individual's health and wellness goals.
3. Utilize nutrition and diet technology to analyze the nutritional status of individuals and make appropriate dietary recommendations.
4. Effectively communicate health and nutrition information through written assignments and oral presentations
5. Identify components of a healthy diet and lifestyle that lead to optimal health and chronic disease prevention.
6. Apply principles of diet therapy and specific diseases.

PROGRAM REQUIREMENTS

Requirements for the Nutrition and Dietetics Associate in Science transfer degree may be met by completing: (a) 15 units of major core courses, 8 units from "List A," and 3 units from "List B" with a grade of "C" or better; (b) all CSU GE-Breadth requirements of which Subject Areas A1, A2, A3, and B4 (The "Golden Four") must be completed with a grade of "C-" or better; (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken at LACCD.

MAJOR CORE COURSES (15 UNITS)

CHEM 101	GENERAL CHEMISTRY I	5
FAM &CS 021	NUTRITION	3
MICRO 020	GENERAL MICROBIOLOGY	4
PSYCH 001	INTRODUCTORY PSYCHOLOGY	3

LIST A: SELECT TWO COURSES (8 UNITS)

ANATOMY 001	INTRODUCTION TO HUMAN ANATOMY	4
OR		
PHYSIOL 001	INTRODUCTION TO HUMAN PHYSIOLOGY	4
MATH 227	STATISTICS	4

LIST B: SELECT ONE COURSE (3 UNITS)

FAM &CS 024	FOOD PREPARATION	3
FAM &CS 050	SANITATION AND SAFETY	3

Dietetic Service Supervisor

Certificate of Achievement

Major Units: 25
(State Code: 08242; TOP Code: 130620; Academic Plan: C008242D)

The Dietetic Service Supervisor certificate meets the standards of training for dietetic service supervisors as specified by the California Department of Public Health (CDPH). Completion of the certificate qualifies students to work as a food service director in a variety of healthcare settings including skilled nursing facilities. Some responsibilities of a dietetic service supervisor are to supervise employees, assure menu acceptance by clients, and manage food production. Successful completion of the program also qualifies students to take the Certifying Exam for Dietary Managers through the Pathway One Program of the Association of Nutrition and Foodservice Professionals. Most certified dietary managers work in healthcare settings such as nursing homes, long-term care facilities, senior living communities, and hospitals. In these settings, the certified dietary manager is involved in nutrition screening, documentation, and care planning for patients and residents. For additional details, see the Certified Board for Dietary Managers (the credentialing agency for the Association of Nutrition & Foodservice Professionals) website at https://www.cbdmonline.org/. Students must provide their own transportation to assigned field placement sites. A Mantoux test, health exam, fingerprinting, drug screening, background check, and liability insurance are required for supervised practice courses.

PROGRAM STUDENT LEARNING OUTCOMES

1. Function as an important part of a health care team to treat and prevent disease and administer medical nutrition therapy.
2. Purchase and prepare food in a commercial kitchen.
3. Construct budgets within food service operations.
4. Analyze the nutrient content of a diet using dietary analysis software.
5. Deliver oral presentations educating clients about the connection between food, fitness, and health.

PROGRAM REQUIREMENTS

Requirements for the Dietetic Service Supervisor certificate of achievement may be met by completing 25 units of required courses with a grade of "C" or better.

REQUIRED COURSES (25 UNITS)

FAM &CS 021	NUTRITION	3
FAM &CS 024	FOOD PREPARATION	3
FAM &CS 050	SANITATION AND SAFETY	3
FAM &CS 051	FOOD PRODUCTION MANAGEMENT	3
FAM &CS 052	FOODSERVICE MANAGEMENT	3
FAM &CS 055	DIETETIC EDUCATION	3
FAM &CS 056	NUTRITION DELIVERY SYSTEMS	3
FAM &CS 151	FOOD PRODUCTION MANAGEMENT LABORATORY	2
FAM &CS 156	NUTRITION DELIVERY SYSTEMS LABORATORY	2

Note: Prerequisite for FAM &CS 156: Mantoux test, health exam, fingerprinting, drug screening, background check, and liability insurance.

Dental Technology

Department Chair: Olga Ramadan
For more information visit:
www.lacc.edu/academics/departments

DENTAL TECHNOLOGY

OVERVIEW

Dental Prosthetic Technology

LACC's Dental Prosthetic Technology program is one of only two California community college programs accredited without reporting requirements by the Commission on Dental Accreditation (CODA) of the American Dental Association (ADA). The program is a member of the National Association of Dental Laboratories (NADL).

Using state-of-the-art equipment, experienced faculty, and hands-on instruction, the program prepares students for a successful career in dental technology. Classes cover basic and advanced prosthodontic designs and techniques, incorporating the applications of analogue and digital technologies. Program components include dental anatomy, the science of dental materials, history, ethics, and lab management. The curriculum is designed to prepare students to pass the Recognized Graduate (RG) exam and the Certified Dental Technologist (CDT) Specialty Exams.

The Dental Prosthetic Technology Associate of Science degree and certificate program are identical except that the degree requires additional general education courses. As part of the program, students will complete certificates of achievement in Fixed Prosthodontics and Removable Prosthodontics.

Entrance into the Dental Prosthetic Technology Program:

The first semester of Dental Technology courses prepares the student for entry into the program. The first semester is open to all students who have a high school diploma or GED. Advisories: General Chemistry and Physics.

To enter the program, students are required to complete DEN TEK 100 (Introduction to the Dental Laboratory) which includes a dexterity exam that is designed to measure hand/eye coordination and perception of three-dimensional objects; DEN TEK 101 (Elements of Dental Technology); and DEN TEK 102 (Dental Anatomy and Terminology) with a grade of "C" or better.

Digital Prosthetic Dentistry

The Digital Prosthetic Dentistry certificate of achievement consists of advanced courses in restorative prosthodontics technology and is open to all students who have successfully completed the Dental Prosthetic Technology certificate of achievement at LACC, similar programs accredited by the Commission on Dental Accreditation (CODA) of the American Dental Association (ADA), or by demonstrating competencies equivalent with the course objectives of DEN TEK 207, 208, and 401.

Immunizations

In order to minimize the potential for the spread of infectious diseases amongst patients and dental personnel, Dental Technology students and staff are highly encouraged to be immunized against and/or tested for infectious diseases such as mumps, measles, rubella, hepatitis B, and tuberculosis. If you have any questions regarding your immunization status or recommended immunizations for health care workers, consult your personal physician. If you would like to learn more about Dental Technology policies and procedures regarding infection control, you may contact the department at (323) 953-4000 x2500 or 2501, or at www.lacc.edu/academics/departments.

PROGRAMS OFFERED

AWARD	AWARD TYPE	ACADEMIC PLAN	MAJOR UNITS	FA*
Dental Prosthetic Technology	AS	C002748C	73.5	Y
Digital Prosthetic Dentistry	C	C038651D	16	Y
Dental Prosthetic Technology	C	C021626D	73.5	Y
Fixed Prosthodontics	C	C039316D	40.5	Y
Removable Prosthodontics	C	C039349D	37.5	Y
*FA = Financial Aid Eligible. Yes = Eligible for all aid. No = Ineligible for Federal Pell and Cal Grant, FSEOG, Federal Work-Study, and Federal Loans. Please consult with Financial Aid Office on award eligibility.				

Dental Prosthetic Technology

Associate of Science (AS) Degree

Major Units: 73.5
(State Code: 02748; TOP Code: 124030; Academic Plan: C002748C)

The Dental Prosthetic Technology Associate of Science degree is specifically designed to provide students with the skills, knowledge, and background necessary to become a dental technologist in either a commercial dental laboratory or dental office laboratory. Successful entrance into the program requires good hand/eye coordination, communication skills, and the ability to follow directions. The curriculum is delivered in four semesters and three intercessions and includes four levels of cumulative didactic and laboratory instruction in Fixed and Removable Prosthodontics with full integration of digital technology. Courses in the Dental Prosthetic Technology curriculum are sequential.

Students who successfully complete all the Dental Prosthetic Technology courses will be eligible to sit for the Recognized Graduate Certified Dental Technologist Exam administered by the National Board for Certification in Dental Technology. The Dental Prosthetic Technology degree is accredited by the Commission on Dental Accreditation (CODA) of the American Dental Association (ADA), a specialized accrediting body recognized by the United States Department of Education.

PROGRAM STUDENT LEARNING OUTCOMES

1. Understand, interpret, and follow instructions provided by the dentist.
2. Incorporate the dental anatomy, morphology, gnathological knowledge, and science of dental materials into the design and construction of dental prosthetic restorations.
3. Design and construct basic orthodontic restorations, and partial and full removable dental prosthesis.
4. Design and construct fixed dental prosthesis single and multiple units.
5. Design and construct all ceramic and metal ceramic restorations.

PROGRAM REQUIREMENTS

Requirements for the Dental Prosthetic Technology Associate of Science degree may be met by completing: (a) 73.5 units of major core courses with a grade of "C" or better; (b) all general education requirements (English and Math must be completed with a grade of "C" or better); (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken at LACCD.

MAJOR CORE COURSES (73.5)

DEN TEK 100	INTRODUCTION TO THE DENTAL LABORATORY	1
DEN TEK 101	ELEMENTS OF DENTAL TECHNOLOGY	2
DEN TEK 102	DENTAL ANATOMY AND TERMINOLOGY	3
DEN TEK 103	REMOVABLE PROSTHODONTICS I	5
DEN TEK 105	REMOVABLE PROSTHODONTICS II	5
DEN TEK 106	DENTAL MATERIALS	3.5
DEN TEK 108	GNATHOLOGICAL CONCEPTS	3
DEN TEK 109	FIXED PROSTHODONTICS I	5
DEN TEK 111	FIXED PROSTHODONTICS II	6
DEN TEK 112	REMOVABLE PROSTHODONTICS III	6
DEN TEK 185	DIRECTED STUDY – DENTAL TECHNOLOGY	1
DEN TEK 202	LABORATORY MANAGEMENT	4
DEN TEK 203	CERAMIC RESTORATIONS	2
DEN TEK 204	ORTHODONTICS	3
DEN TEK 206	FIXED PROSTHODONTICS III	6
DEN TEK 207	REMOVABLE PROSTHODONTICS IV	6
DEN TEK 208	FIXED PROSTHODONTICS IV	6
DEN TEK 285	DIRECTED STUDY – DENTAL TECHNOLOGY	2
DEN TEK 401	DENTAL IMPLANTS	4

Digital Prosthetic Dentistry

Certificate of Achievement

Major Units: 16
(State Code: 38651; TOP Code: 124030; Academic Plan: C038651D)

The Digital Prosthetic Dentistry certificate of achievement provides students with a complex learning experience incorporating advanced restorative fixed and removable prosthodontics concepts and techniques, science of materials, esthetic and optic components (smile design), implants, fixed and removable combined case analysis, and the integration of digital technologies.

Students who complete the Digital Prosthetic Dentistry certificate program will have the necessary skills and knowledge required for positions in the restorative prosthodontic technology industry including digital fixed prosthodontics/implants technologist, digital removable prosthodontics/implants technologist, and dental ceramist.

PROGRAM STUDENT LEARNING OUTCOMES

1. Students will learn to evaluate, plan, scan, design and process complex advanced fixed prosthodontics cases, including multiple units restorations, frames and full contours bridges, implant restorations and combination cases. The students will complete clinically acceptable prosthetic restorations, where the coordination between function and esthetics is fully maximized.
2. The student will apply the principles of computer application design (CAD) in the anterior segment reconstruction by using the correct morphology and function in arch integration.
3. The student will select the correct materials based on case requirements.
4. The student will apply the principles of optical characterization as to achieve natural look.
5. Students will learn to evaluate, plan, scan, design and process complex advanced removable prosthodontics cases, including partial dentures, implant over dentures. The students will complete clinically acceptable prosthetic restorations, where the coordination between function and esthetics is fully maximized.
6. The student will evaluate and design complex partial denture frameworks restorative cases according to biomechanical principles and clinical standards with the aid of computer applications design (i.e. CAD technologies).
7. The student will evaluate, design and fabricate with the aid of CAD/CAM technologies, screw retained bar over multiple units abutments in accordance with clinical standards.
8. The student will evaluate, design and fabricate with the aid of CAD/CAM technologies, screw retained bar over multiple units abutments in accordance with clinical standards.
9. The students will gain the necessary proficiencies required for the Certified Dental Technologist Ceramic, Crown and Bridge, Implant, Dentures Specialty Practical Exam.

PROGRAM REQUIREMENTS

Requirements for the Digital Prosthetic Dentistry certificate of achievement may be met by completing 16 units of required courses with a grade of "C" or better.

REQUIRED COURSES (16 UNITS)

DEN TEK 304	DIGITAL TECHNOLOGIES APPLICATIONS IN ADVANCED PROSTHODONTICS I	8
DEN TEK 403	DIGITAL TECHNOLOGIES APPLICATIONS IN ADVANCED PROSTHODONTICS II	8

Dental Prosthetic Technology

Certificate of Achievement

Major Units: 73.5
(State Code: 21626; TOP Code: 124030; Academic Plan: C021626D)

The Dental Prosthetic Technology certificate of achievement is specifically designed to provide students with the skills, knowledge, and background necessary to become a dental technologist in either a commercial dental laboratory or dental office laboratory. Successful entrance into the program requires good hand/eye coordination, communication skills, and the ability to follow directions. The curriculum is delivered in four semesters and three intercessions and includes four levels of cumulative didactic and laboratory instruction in Fixed and Removable Prosthodontics with full integration of digital technology. Courses in the Dental Technology curriculum are sequential. All courses listed are also required for the Dental Prosthetic Technology Associate of Science degree.

Students who successfully complete all the Dental Technology courses will be eligible to sit for the Recognized Graduate Certified Dental Technologist Exam administered by the National Board for Certification of Dental Technologists. The Dental Prosthetic Technology Certificate of Achievement is accredited by the Commission on Dental Accreditation (CODA) of the American Dental Association (ADA), a specialized accrediting body recognized by the United States Department of Education.

PROGRAM STUDENT LEARNING OUTCOMES

1. Understand, interpret, and follow instructions provided by the dentist.
2. Incorporate the dental anatomy, morphology, gnathological knowledge, and science of dental materials into the design and construction of dental prosthetic restorations.
3. Design and construct basic orthodontic restorations, and partial and full removable dental prosthesis.
4. Design and construct fixed dental prosthesis single and multiple units.
5. Design and construct all ceramic and metal ceramic restorations.

PROGRAM REQUIREMENTS

Requirements for the Dental Prosthetic Technology certificate of achievement may be met by completing 73.5 units of required courses with a grade of "C" or better. A pre-algebra course or higher must be taken before the completion of the Dental Prosthetic Technology Certificate Program.

REQUIRED COURSES (73.5 UNITS)

DEN TEK 100	INTRODUCTION TO THE DENTAL LABORATORY	1
DEN TEK 101	ELEMENTS OF DENTAL TECHNOLOGY	2
DEN TEK 102	DENTAL ANATOMY AND TERMINOLOGY	3
DEN TEK 103	REMOVABLE PROSTHODONTICS I	5
DEN TEK 105	REMOVABLE PROSTHODONTICS II	5
DEN TEK 106	DENTAL MATERIALS	3.5
DEN TEK 108	GNATHOLOGICAL CONCEPTS	3
DEN TEK 109	FIXED PROSTHODONTICS I	5
DEN TEK 111	FIXED PROSTHODONTICS II	6
DEN TEK 112	REMOVABLE PROSTHODONTICS III	6
DEN TEK 185	DIRECTED STUDY – DENTAL TECHNOLOGY	1
DEN TEK 202	LABORATORY MANAGEMENT	4
DEN TEK 203	CERAMIC RESTORATIONS	2
DEN TEK 204	ORTHODONTICS	3
DEN TEK 206	FIXED PROSTHODONTICS III	6
DEN TEK 207	REMOVABLE PROSTHODONTICS IV	6
DEN TEK 208	FIXED PROSTHODONTICS IV	6
DEN TEK 285	DIRECTED STUDY - DENTAL TECHNOLOGY	2
DEN TEK 401	DENTAL IMPLANTS	4

Fixed Prosthodontics

Certificate of Achievement

Major Units: 40.5
(State Code: 39316; TOP Code: 124030; Academic Plan: C039316D)

The Fixed Prosthodontics certificate of achievement is designed to provide students with learning experiences pertaining to fixed prosthodontics technology including crown, bridge, and ceramics. The courses are sequential, delivered in four semesters and one intersession, providing students with a cumulative learning experience that includes concepts of dental morphology, function, science of materials, and their application in the design and fabrication of the fixed dental prosthesis. Students evaluate design and construct dental prosthesis by using analogue and digital tools and technologies.

PROGRAM STUDENT LEARNING OUTCOMES

1. Understand, interpret, and follow instructions provided by the dentist.
2. Incorporate the dental anatomy, morphology, gnathological knowledge, and science of dental materials into the design and construction of dental prosthetic restorations.
3. Design and construct fixed dental prosthesis single and multiple units.

PROGRAM REQUIREMENTS

Requirements for the Fixed Prosthodontics certificate of achievement may be met by completing 40.5 units of required courses with a grade of "C" or better.

REQUIRED COURSES (40.5 UNITS)

DEN TEK 100	INTRODUCTION TO THE DENTAL LABORATORY	1
DEN TEK 101	ELEMENTS OF DENTAL TECHNOLOGY	2
DEN TEK 102	DENTAL ANATOMY AND TERMINOLOGY	3
DEN TEK 106	DENTAL MATERIALS	3.5
DEN TEK 108	GNATHOLOGICAL CONCEPTS	3
DEN TEK 109	FIXED PROSTHODONTICS I	5
DEN TEK 111	FIXED PROSTHODONTICS II	6
DEN TEK 185	DIRECTED STUDY – DENTAL TECHNOLOGY	1
DEN TEK 203	CERAMIC RESTORATIONS	2
DEN TEK 206	FIXED PROSTHODONTICS III	6
DEN TEK 208	FIXED PROSTHODONTICS IV	6
DEN TEK 285	DIRECTED STUDY - DENTAL TECHNOLOGY	2

Removable Prosthodontics
Certificate of Achievement

Major Units: 37.5
(State Code: 39349; TOP Code: 124030; Academic Plan: C039349D)

The Removable Prosthodontics certificate of achievement is designed to provide students with learning experiences pertaining to removable prosthodontics technology, including removable partial dentures and complete dentures. The courses are sequential, delivered in four semesters and three intersessions, providing the students with cumulative learning experiences that include concepts of dental morphology, function, science of materials, and their application in the design and fabrication of the removable dental prosthesis. Students will evaluate design and construct dental prosthesis by using analogue and digital tools and technologies.

PROGRAM STUDENT LEARNING OUTCOMES

1. Understand, interpret and follow instructions provided by the dentist.
2. Incorporate the dental anatomy, morphology, gnathological knowledge, and science of dental materials into constructions.
3. Design and construct basic orthodontic restorations, and partial and full removable dental prosthesis.

PROGRAM REQUIREMENTS

Requirements for the Removable Prosthodontics certificate of achievement may be met by completing 37.5 units of required courses with a grade of "C" or better.

REQUIRED COURSES (37.5 UNITS)

DEN TEK 100	INTRODUCTION TO THE DENTAL LABORATORY	1
DEN TEK 101	ELEMENTS OF DENTAL TECHNOLOGY	2
DEN TEK 102	DENTAL ANATOMY AND TERMINOLOGY	3
DEN TEK 103	REMOVABLE PROSTHODONTICS I	5
DEN TEK 105	REMOVABLE PROSTHODONTICS II	5
DEN TEK 106	DENTAL MATERIALS	3.5
DEN TEK 112	REMOVABLE PROSTHODONTICS III	6
DEN TEK 185	DIRECTED STUDY – DENTAL TECHNOLOGY	1
DEN TEK 204	ORTHODONTICS	3
DEN TEK 207	REMOVABLE PROSTHODONTICS IV	6
DEN TEK 285	DIRECTED STUDY - DENTAL TECHNOLOGY	2

Kinesiology

Department Chair: Aykanush Gevanyan
For more information visit:
www.lacc.edu/academics/departments

KINESIOLOGY

OVERVIEW

Kinesiology is an academic discipline that involves the study of physical activity and its impact on health, society, and quality of life. The Kinesiology department is student centered in its approach. The department strives to educate and inspire students to understand the importance of physical activity during the lifespan.

PROGRAMS OFFERED

AWARD	AWARD TYPE	ACADEMIC PLAN	MAJOR UNITS	FA*
Kinesiology	AA-T	C036026G	21-22	Y
Public Health Science	AS-T	C039577H	33	Y
Fitness Specialist/Personal Trainer/ Group Fitness Instructor	C	C038829D	19.5-21.5	Y
Physical Therapy Aide	C	C043016D	19.5	Y

*FA = Financial Aid Eligible. Yes = Eligible for all aid.
No = Ineligible for Federal Pell and Cal Grant, FSEOG, Federal Work-Study, and Federal Loans. Please consult with Financial Aid Office on award eligibility.

Kinesiology

Associate in Arts (AA-T) Degree

Major Units: 21-22   Total Units: Minimum of 60
(State Code: 36026; TOP Code: 127000; Academic Plan: C036026G)

Kinesiology is the study of the art and science of human movement throughout our lifespan. Students are introduced to evidence-based research supporting the wellness effects of exercise in our communities, schools, work place, and clinical settings. Kinesiology provides areas of study in teaching (pedagogy), coaching, group and personal training, health/fitness promotion, exercise physiology, biomechanics, motor learning and development, athletic training, sports management, dance, adapted physical education, sports psychology, sports nutrition, exercise equipment design/testing, wellness coaching, cardiac rehabilitation, and gerokinesiology, as well as pre-professional training for physical therapy, medicine, and research.

To earn the AA-T, students must meet the following requirements:

a. Completion of 60 semester units that are eligible for transfer to the California State University by completing the following:

- The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth (CSU GE-Breadth) requirements; and

- A minimum of 18 semester units in a major or area of emphasis, as approved by the CCC Chancellor's Office.

b. A minimum grade point average of 2.0 or higher. Students completing this degree will have satisfied the lower division major preparation and transfer requirements for priority admission consideration to a local CSU campus.

PROGRAM STUDENT LEARNING OUTCOMES

1. Describe the fundamental principles of kinesiology, including functional anatomy, exercise physiology, biomechanics, motor development, and the application of these sciences to fitness and skill development, exercise progression, programming, design, and goal setting.
2. Identify rules, strategies, techniques, safety, and effectiveness cues and etiquette of the various movement activities and sports.
3. Examine and evaluate progressive adaptation to physical activities and the relationships to health promotion, wellness, fitness, and lifestyle/behavior modifications.
4. Evaluate and appraise the vast applied and clinical career opportunities in the field of kinesiology and other related fields.

PROGRAM REQUIREMENTS

Requirements for the Kinesiology Associate in Arts transfer degree may be met by completing: (a) 11 units of major core courses, 3 units of movement-based courses in "Areas 1-6," and 7-8 units in "List A" with a grade of "C" or better; (b) all CSU GE-Breadth requirements of which Subject Areas A1, A2, A3, and B4 (The "Golden Four") must be completed with a grade of "C-" or better; (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken at LACCD.

MAJOR CORE COURSES (11 UNITS)

KIN MAJ 100	INTRODUCTION TO KINESIOLOGY	3
ANATOMY 001	INTRODUCTION TO HUMAN ANATOMY	4
PHYSIOL 001	INTRODUCTION TO HUMAN PHYSIOLOGY	4

MOVEMENT-BASED COURSES: SELECT ONE COURSE FROM AT LEAST THREE AREAS (MINIMUM 3 UNITS)

AREA 1 - AQUATICS

KIN 201-1	SWIMMING SKILLS I	1
KIN 300	SWIMMING/ NON-SWIMMER	1
KIN 303	AQUA AEROBICS	1

AREA 2 - COMBATIVES

KIN 215-1	JUDO SKILLS I	1
KIN 217	SELF-DEFENSE SKILLS	1

AREA 3 - DANCE

DANCETQ 121	JAZZ DANCE TECHNIQUES I	1
DANCETQ 141	MODERN DANCE TECHNIQUES I	1
DANCETQ 221	YOGA SKILLS I	1

AREA 4 - FITNESS

KIN 229	BODY CONDITIONING SKILLS	1
KIN 246	BODY SCULPTING SKILLS	1
KIN 250-1	WEIGHT TRAINING SKILLS I	1
KIN 251-1	YOGA SKILLS I	1

KIN 326	AEROBIC SUPER CIRCUIT LAB	1
KIN 328-1	BICYCLE SPINNING I	1
KIN 331	CROSS TRAINING	1
KIN 334	FITNESS WALKING	1

AREA 5 - INDIVIDUAL SPORTS

| KIN 266-1 | BADMINTON SKILLS I | 1 |
| KIN 271-1 | TENNIS SKILLS I | 1 |

AREA 6 - TEAM SPORTS

KIN 287-1	BASKETBALL SKILLS I	1
KIN 289-1	SOCCER SKILLS I	1
KIN 291-1	VOLLEYBALL SKILLS I	1

LIST A: SELECT TWO COURSES (7-8 UNITS)

BIOLOGY 003	INTRODUCTION TO BIOLOGY	4
HEALTH 012	SAFETY EDUCATION AND FIRST AID	3
MATH 227	STATISTICS	4
PHYSICS 006	GENERAL PHYSICS I	4

Public Health Science

Associate in Science (AS-T) Degree

Major Units: 33   *Total Units: Minimum of 60*
(State Code: 39577; TOP Code: 120100; Academic Plan: C039577H)

The Public Health Science Associate in Science transfer degree is designed to prepare students for a seamless transfer into the California State University (CSU) system to complete a baccalaureate degree in Public Health Science or similar majors.

To earn the AS-T, students must meet the following requirements:

a. Completion of 60 semester units that are eligible for transfer to the California State University by completing the following:

- The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth (CSU GE-Breadth) requirements; and
- A minimum of 18 semester units in a major or area of emphasis, as approved by the CCC Chancellor's Office.

b. A minimum grade point average of 2.0 or higher to earn the degree, including a C or better (or P, if P/NP grading is allowed) in all courses required for the major. Students completing this degree will have satisfied the lower division major preparation and transfer requirements for priority admission consideration to a local CSU campus.

PROGRAM STUDENT LEARNING OUTCOMES

1. Describe the core functions of public health.
2. Identify various career opportunities within the field of public health.
3. Apply critical analysis skills to contemporary health issues.
4. Assess the fundamental characteristics and organizational structures of the U.S. health system and note significant differences in systems in other countries.
5. Discuss the role of community engagement in promoting public health and social justice.
6. Describe risk factors and modes of transmission for infectious and chronic diseases and how these diseases affect both personal and public health.
7. Appreciate the multiple determinants of health, including sociological, economic, genetic, behavioral, environmental, and other factors that impact human health and health disparities.
8. Apply the basic concepts, methods, and tools of public health data collection, use, and analysis and explain why evidence-based approaches are an essential part of public health practice.
9. Endorse lifestyle behaviors that promote individual and public health and well-being.
10. Value multicultural perspectives and sensitivities on health.

PROGRAM REQUIREMENTS

Requirements for the Public Health Science Associate in Arts transfer degree may be met by completing: (a) 30 units of major core courses and 3 units from "List A" with a grade of "C" or better; (b) all CSU GE-Breadth requirements of which Subject Areas A1, A2, A3, and B4 (The "Golden Four") must be completed with a grade of "C-" or better; (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken at LACCD.

MAJOR CORE COURSES (30 UNITS)

ANATOMY 001	INTRODUCTION TO HUMAN ANATOMY	4
BIOLOGY 003	INTRODUCTION TO BIOLOGY	4
CHEM 060	INTRODUCTION TO GENERAL CHEMISTRY	5
OR		
CHEM 101	GENERAL CHEMISTRY I	5
HEALTH 011	PRINCIPLES OF HEALTHFUL LIVING	3
HEALTH 101	INTRODUCTION TO PUBLIC HEALTH	3
MATH 227	STATISTICS	4
PHYSIOL 001	INTRODUCTION TO HUMAN PHYSIOLOGY	4
PSYCH 001	INTRODUCTORY PSYCHOLOGY	3

LIST A: SELECT 1 COURSE (3 UNITS)

ECON 001	PRINCIPLES OF MICROECONOMICS	3
ECON 002	PRINCIPLES OF MACROECONOMICS	3
FAM &CS 021	NUTRITION	3
HEALTH 021	HUMAN SEXUALITY	3
HEALTH 051	DRUGS AND ALCOHOL IN SOCIETY	3
SOC 001	INTRODUCTION TO SOCIOLOGY	3

Fitness Specialist/Personal Trainer/ Group Fitness Instructor

Certificate of Achievement

Major Units: 19.5-21.5
(State Code: 38829; TOP Code: 083520; Academic Plan: C038829D)

The Fitness Specialist/Personal Trainer/Group Fitness Instructor Certificate is designed to prepare students with the knowledge, skills and abilities required to become a Personal Trainer. The program course work will prepare students to successfully obtain an NCCA Accredited Personal Training/ Group Fitness Certification, earn secondary specialized fitness certifications relevant today's fitness hiring management, develop comprehensive knowledge of evidence-based practice and apply the tools, protocols, and resources specific to the working with the general population as a fitness professional. Practical experience is integrated into curriculum to develop the skills required for employment as a personal trainer. Students are recommended to have basic knowledge of human biology, basic English writing and speaking skills, and the ability to perform moderate physical activity before beginning this program.

PROGRAM STUDENT LEARNING OUTCOMES

1. Apply appropriate exercise science and kinesiology-related principles to design safe and effective exercise sessions based on movement screening and assessment.
2. Demonstrate effective communication skills and teaching strategies when coaching individuals one on one, in small group and large group fitness training environments.
3. Use scientifically anchored periodization protocols to deliver safe and effective exercise training programs when coaching individuals one on one, in small group and large group fitness training environments.

PROGRAM REQUIREMENTS

Requirements for the Fitness Specialist/Personal Trainer certificate of achievement may be met by completing 15.5 units of required courses and 4-6 units of elective courses with a grade of "C" or better.

REQUIRED COURSES (15.5 UNITS)

HEALTH 002	HEALTH AND FITNESS	3
HEALTH 055	ADULT AND PEDIATRIC FIRST AID, CPR, AND AED SKILLS RECERTIFICATION	0.5
KIN MAJ 113	EXERCISE TESTING & PRESCRIPTION	2
KIN MAJ 114	TECHNIQUES OF INSTRUCTION: GROUP FITNESS	1.5
KIN MAJ 115	TECHNIQUES OF INSTRUCTION: STRENGTH TRAINING	1.5
KIN MAJ 117	PERSONAL TRAINER INSTRUCTOR	3
KIN MAJ 217	FUNCTIONAL MOVEMENT SCREENING ASSESSMENT AND ANALYSIS	3
KIN MAJ 131	KINESIOLOGY INTERNSHIP EXPERIENCE	1

ELECTIVE COURSES (4-6 UNITS)

KIN MAJ 150	SENIOR FITNESS ASSESSMENT, STRENGTH & CONDITIONING PROGRAMMING	3
KIN MAJ 175	KETTLEBELL FUNDAMENTALS	3
KIN MAJ 218	CORRECTIVE EXERCISES STRATEGIES FOR THE MOVEMENT PROFESSIONAL	2
KIN MAJ 220	APPLIED HEALTH & HUMAN PERFORMANCE SPECIALIST	3
KIN 202	LAP SWIMMING SKILLS	1
KIN 229	BODY CONDITIONING SKILLS	1
KIN 237	BOOT CAMP I	1
KIN 246	BODY SCULPTING SKILLS	1
KIN 249-1	STRESS MANAGEMENT TECHNIQUES THROUGH MOVEMENT I	1
KIN 251-1	YOGA SKILLS I	1
KIN 251-2	YOGA SKILLS II	1
KIN 251-3	YOGA SKILLS III	1
KIN 326	AEROBIC SUPER CIRCUIT LAB	1
KIN 327	LIFELONG FITNESS LAB	1
KIN 328-1	BICYCLE SPINNING I	1
KIN 328-2	BICYCLE SPINNING II	1
KIN 331	CROSS TRAINING	1
KIN 334	FITNESS WALKING	1

Physical Therapy Aide

Certificate of Achievement

Major Units: 19.5
(State Code: 43016; TOP Code: 122200; Academic Plan: C043016D)

The Physical Therapy Aide Certificate of Achievement is designed to prepare students with the knowledge and skills and abilities required to competently work hand in hand with a Physical Therapist in a treatment plan. The program course work will prepare student to help with the treatment plan used to help individuals receiving treatment from injury and or physical disability/limitations. Students will develop the skillset and learn various therapeutic exercises, use of rehabilitation modalities, corrective exercise, basic anatomy and physiology in completion of the program.

PROGRAM STUDENT LEARNING OUTCOMES

1. Apply the education, training, and hands on experience needed to enter the Physical Therapy field in the workforce.
2. Demonstrate competent skillset in preparing treatment areas, ordering devices and supplies, and transporting patients.
3. Assist the Physical Therapist or Physical Therapy Assistant with administering treatment plans under direct supervision of the Physical Therapist and/or Physical Therapy Assistant.
4. Identify the key role of the physical therapy aide in a variety of settings including hospitals, rehabilitation centers, nursing homes, home care agencies, outpatient clinics, community health centers, and sports medicine clinics.

PROGRAM REQUIREMENTS

Requirements for the Physical Therapy Aide certificate of achievement may be met by completing 19.5 units of required courses with a grade of "C" or better.

REQUIRED COURSES (19.5)

KIN MAJ 116	INTRODUCTION TO EXERCISE PHYSIOLOGY	3
KIN MAJ 125	INTRODUCTION TO PHYSICAL THERAPY AIDE	3
HEALTH 055	ADULT AND PEDIATRIC FIRST AID, CPR, AND AED SKILLS RECERTIFICATION	0.5
KIN MAJ 150	SENIOR FITNESS ASSESSMENT, STRENGTH & CONDITIONING PROGRAMMING	3
KIN MAJ 217	FUNCTIONAL MOVEMENT SCREENING ASSESSMENT AND ANALYSIS	3
KIN MAJ 218	CORRECTIVE EXERCISES STRATEGIES FOR THE MOVEMENT PROFESSIONAL	2
KIN MAJ 131	KINESIOLOGY INTERNSHIP EXPERIENCE	1
ANATOMY 001	INTRODUCTION TO HUMAN ANATOMY	4

Nursing

Interim Director: Linda Valadez
For more information visit:
www.lacc.edu/academics/departments

NURSING

OVERVIEW

The LACC Registered Nursing program leads to eligibility for licensure as a registered nurse (RN). The program is accredited by the California Board of Registered Nursing.

The Associate of Science degree is a two-year full-time program that includes theory and clinical courses. Clinical experiences include the opportunity for students to participate in nursing care and treatments of clients in hospitals and other health care facilities.

Admission to the Program

All students interested in the Nursing Program must first attend a mandatory information session. Prospective students should visit the department website for information. Details on Registered Nursing program standards can be found in the E-10 Guidelines at the LACC Nursing and LACCD websites.

The following are required for entry into the program:

1. Completion of prerequisite courses with a grade of "C" or better, posted on the student transcript. Prerequisite courses include: Anatomy 001 (4 units); Physiology 001 (4 units); Microbiology 020 (4 units); Chemistry 060 (5 units) if the student has not completed one-year of high school Chemistry (two semesters each with a "C" or higher); Psychology 001 (3 units); Psychology 041 (3 units); English 101 (3 units); and Math 125, the equivalent, or higher (5 units). Students must meet a "cut score" of 80% based on college grade point average (GPA), college English GPA, and core Biology GPA. Students are strongly encouraged to complete Communication Studies 101 (3 units), an American Institutions course (3 units), and a Humanities course (3 units) prior to entering the program, as these are required to graduate.
2. Students must take the Test of Essential Academic Skills (TEAS)—a diagnostic assessment test of basic math, English, reading, and science—and achieve a composite minimum average score of 62% on the first attempt or, on a second attempt, a minimum of 62% in all areas after remediation.
3. Submit a Nursing Program application with proof of high school diploma and/or college degree. If students received their high school diploma from a foreign country and/or are requesting equivalency of foreign college credits to fulfill prerequisites, transcripts must be evaluated for equivalency by an LACCD approved agency.
4. The complete application is reviewed by a selection committee. Should the number of qualified applicants exceed the number of available openings, a simple lottery will be implemented.

NCLEX-RN Exam

Upon graduation, students will be eligible to apply for and take the NCLEX-RN examination. The Board of Registered Nursing may deny licensure on such grounds as being convicted of crime, acts of dishonesty, and fraud or deceit.

The information above may be updated or modified subject to district, state, and/or BRN request. Contact the LACC Nursing Department and visit the LACC Nursing website for additional information.

PROGRAM OFFERED

AWARD	AWARD TYPE	ACADEMIC PLAN	MAJOR UNITS	FA*
Registered Nursing	AS	C014274C	36	Y

*FA = Financial Aid Eligible. Yes = Eligible for all aid.
No = Ineligible for Federal Pell and Cal Grant, FSEOG, Federal Work-Study, and Federal Loans. Please consult with Financial Aid Office on award eligibility.

Registered Nursing

Associate of Science (AS) Degree

Major Units: 36   Total Units: Minimum of 60
(State Code: 14274; TOP Code: 123010; Academic Plan: C014274C)

PROGRAM STUDENT LEARNING OUTCOMES

1. Utilize the nursing process as a basis for decisions in the planning and implementation for nursing care across the lifespan to a diverse population.
2. Apply critical thinking to make decisions and provide safe patient care.
3. Demonstrate effective communication skills in the provision of care across the lifespan.
4. Function within the scope of practice and standards of care of the California Board of Registered Nursing and Nurse Practice Act.

PROGRAM REQUIREMENTS

Requirements for the Registered Nursing Associate of Science degree may be met by completing: (a) 36 units of major core courses with a grade of "C" or better; (b) all general education requirements (English and Math must be completed with a grade of "C" or better); (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken at LACCD.

MAJOR CORE COURSES (36 UNITS)

REGNRSG 103	NURSING PHARMACOLOGY	1
REGNRSG 104	NURSING FOUNDATIONS - THEORY	2
REGNRSG 104L	NURSING FOUNDATIONS - CLINICAL	2.5
REGNRSG 105	BEGINNING MEDICAL/SURGICAL - THEORY	2
REGNRSG 105L	BEGINNING MEDICAL/SURGICAL - CLINICAL	2.5

REGNRSG 106   NURSING CARE OF THE
CHILDBEARING FAMILY - THEORY 2
REGNRSG 106L   NURSING CARE OF THE
CHILDBEARING FAMILY - CLINICAL 2
REGNRSG 107   NURSING CARE OF THE
PEDIATRIC CLIENT - THEORY 2
REGNRSG 107L   NURSING CARE OF THE
PEDIATRIC CLIENT - CLINICAL .2
REGNRSG 108   NURSING CARE FOR THE CLIENT WITH PSYCHOSOCIAL
NEEDS - THEORY 2
REGNRSG 108L   NURSING CARE FOR THE CLIENT WITH PSYCHOSOCIAL
NEEDS - CLINICAL 2
REGNRSG 109   INTERMEDIATE MEDICAL/SURGICAL
NURSING - THEORY. 2.5
REGNRSG 109L   INTERMEDIATE MEDICAL/SURGICAL
NURSING - CLINICAL 2.5
REGNRSG 110   ADVANCED MEDICAL/SURGICAL
NURSING - THEORY. 2.5
REGNRSG 110L   ADVANCED MEDICAL/SURGICAL
NURSING - CLINICAL 2.5
REGNRSG 111   NURSING LEADERSHIP AND
MANAGEMENT - THEORY. 2
REGNRSG 111L   NURSING LEADERSHIP AND
MANAGEMENT - CLINICAL 2

Note: The major core courses listed above reflect a revision to the program. The revised theory and clinical courses will be phased in over the next four semesters. Students who started the program prior to fall 2020 should consult the catalog for that year. Speak to the Nursing program director for more information.

Radiologic Technology

Department Chair: Julie Washenik
For more information visit:
www.lacc.edu/academics/departments

RADIOLOGIC TECHNOLOGY

OVERVIEW

Radiologic Technology is a health care profession whose practitioners work in hospitals, clinics, free-standing imaging centers, and private offices. The radiologic technologist (radiographer) is a member of the health care team who works directly with the patient and the physician, performing a wide variety of diagnostic x-ray procedures.

A career in Radiologic Technology offers vast opportunities for advancement. The radiographer must be proficient in the knowledge of radiographic exposure, anatomy, patient positioning, the operation of specialized equipment, and the care and management of the patient. The rapid expansion of medical diagnostic imaging has greatly increased the diversity and utility of medical diagnosis. Students who complete the curriculum, including the clinical education requirements, will be eligible to take the certification examinations prepared by the American Registry of Radiologic Technologists and the State of California Department of Public Health (CDPH).

The Radiologic Technology curriculum is accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT) and the State of California, Department of Public Health. The clinical educational centers are accredited by the Joint Commission for the Accreditation of Health Care Organizations (JCAHO). Los Angeles City College is accredited by the Western Association of Schools and Colleges. Students who complete the curriculum, including the clinical education requirements, will be eligible to take the certification examinations prepared by the American Registry of Radiologic Technologists and the State of California, Department of Health Services, Radiologic Health Branch. An advisory committee, composed of Radiologists, Radiologic Technologists, Radiology Administrators, Clinical Instructors and Student Technologists, cooperates with the College faculty and administrators in continuous curriculum development, evaluation, and revision.

ADMISSIONS TO THE PROGRAM

Prerequisite courses for entrance into the Radiologic Technology program are Anatomy 001; Physiology 001; English 101; Math 125, the equivalent, or higher; and Radiologic Technology 200, 201, 202, and 203. We encourage for you to meet with an LACC Counselor for questions regarding the Math, English, and general education courses.

All LACCD students must also satisfy the general education requirements prior to applying for entry into the Radiologic Technology program (an exception to this rule is if students already possess an

Associate or higher degree from a regionally accredited program). This change corresponds to the ARRT 2015 associate degree requirement.

An application form, to be submitted online through the LACC Radiologic Technology Department website at:

www.lacc.edu/academics/pathways/hs/radiology-dept

Applicants are selected via lottery and are placed on a waiting list. The waiting list selection method was implemented for the first time with the fall 2020 cohort.

PROGRAMS OFFERED

AWARD	AWARD TYPE	ACADEMIC PLAN	MAJOR UNITS	FA*
Radiologic Technology	AS	C002749C	100.5-109.5	Y
Patient Care	CS	C122502J	8	N
Radiologic Technology - Clinical Education	CS	C122500J	12	N
Radiologic Technology - Fluoroscopy	CS	C122501J	3	N

*FA = Financial Aid Eligible. Yes = Eligible for all aid.
No = Ineligible for Federal Pell and Cal Grant, FSEOG, Federal Work-Study, and Federal Loans.
Please consult with Financial Aid Office on award eligibility.

Radiologic Technology

Associate of Science (AS) Degree

Major Units: 100.5-109.5
(State Code: 02749; TOP Code: 122500; Academic Plan: C002749C)

PROGRAM STUDENT LEARNING OUTCOMES

1. Position the patient to demonstrate the requested anatomy required by the physician to show the presence or absence of disease.
2. Effectively and efficiently assess the patient's condition and communicate relative information to doctors, the patient, family members, and other hospital staff.
3. Administer ionizing radiation, ethically and judiciously, to the patient following the principle of "as low as reasonably achievable."
4. Employ patient care practices based on acceptable ethical behavior and established standards within their scope of practice.
5. Pass the registration and licensing examinations offered by state and national accrediting organizations.
6. Pass the American Registry of Radiologic Technology examination in radiography.

PROGRAM REQUIREMENTS

Requirements for the Radiologic Technology Associate of Science degree may be met by completing: (a) 100.5 units of major core courses with a grade of "C" or better; (b) all general education requirements (English and Math must be completed with a grade of "C" or better); (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken at LACCD.

MAJOR CORE COURSES (100.5-109.5 UNITS)

ANATOMY 001	INTRODUCTION TO HUMAN ANATOMY	.4
ENGLISH 101	COLLEGE READING AND COMPOSITION I	.3
PHYSIOL 001	INTRODUCTION TO HUMAN PHYSIOLOGY	.4
MATH 125	INTERMEDIATE ALGEBRA	.5
RAD TEC 200	INTRODUCTION TO RADIOLOGIC TECHNOLOGY	.3
RAD TEC 201	MEDICAL TERMINOLOGY FOR RADIOLOGIC	.3
RAD TEC 202	INTRODUCTION TO ELECTROMAGNETIC RADIATION IMAGE RECORDING AND PROCESSING	.4
RAD TEC 103	RADIOGRAPHIC ANATOMY AND POSITIONING SKELETAL SYSTEM	.4
RAD TEC 205	FUNDAMENTALS OF X-RAY PHYSICS	.4
RAD TEC 207	PATIENT CARE AND MANAGEMENT	.4
RAD TEC 208	CROSS SECTIONAL ANATOMY AND PATHOLOGY	.3
RAD TEC 210	QUALITY MANAGEMENT	.1
RAD TEC 104	RADIOGRAPHIC ANATOMY/POSITIONING CRANIUM & VISCERAL ORGANS	.4
RAD TEC 108	RADIOGRAPHIC BOOTCAMP	.1
RAD TEC 206	RADIOGRAPHIC EXPOSURE	.4
RAD TEC 209	PHARMACOLOGY AND VENIPUNCTURE WITH BASIC LIFE SUPPORT (BLS)	1.5
RAD TEC 240	RADIATION PROTECTION AND BIOLOGY	.4
RAD TEC 260	INTRODUCTION TO CLINICAL EDUCATION	.4
RAD TEC 280	CLINICAL EDUCATION IN RADIOLOGIC TECHNOLOGY I	.6
RAD TEC 281	CLINICAL EDUCATION IN RADIOLOGIC TECHNOLOGY II	12
RAD TEC 211	COMPUTER TOMOGRAPHY	.3
RAD TEC 282	CLINICAL EDUCATION IN RADIOLOGIC TECHNOLOGY III	.4
RAD TEC 243	PRINCIPLES AND PRACTICES OF FLUOROSCOPY	.3
RAD TEC 283	CLINICAL EDUCATION IN RADIOLOGIC TECHNOLOGY IV	12

Patient Care
Skills Certificate

Major Units: 8
(TOP Code: 122500; Academic Plan: C122502J)

The Patient Care skills certificate focuses on teaching students to deliver quality care to diverse patients of various ages and ethnicities. Students complete an internship while enrolled in the cooperative education courses.

PROGRAM STUDENT LEARNING OUTCOMES

1. Analyze acute changes in the patient's condition and take appropriate interventional action.
2. Employ the techniques of body mechanics necessary for safe transport, transfer and positioning of patients.
3. Examine changes in a patient's condition that would signal an emergency requiring immediate care.

PROGRAM REQUIREMENTS

Requirements for the Patient Care skills certificate may be met by completing 8 units of required courses with a grade of "C" or better.

REQUIRED COURSES (8 UNITS)

RAD TECH 201	MEDICAL TERMINOLOGY FOR RADIOLOGIC	.3
RAD TECH 207	PATIENT CARE AND MANAGEMENT	.4
COOP ED 195	WORK EXPERIENCE - GENERAL I	.1

Radiologic Technology – Clinical Education
Skills Certificate

Major Units: 12
(TOP Code: 122500; Academic Plan: C122500J)

The Radiologic Technology skills certificate is for students who are enrolled in the LACC Radiologic Technology program and have completed their didactic and clinical education.

PROGRAM STUDENT LEARNING OUTCOMES

1. Perform radiographic procedures and produce quality images.
2. Apply radiation safety and protection for patients, themselves and others.
3. Utilize effective communication with patients and colleagues in the clinical environment.

PROGRAM REQUIREMENTS

Requirements for the Clinical Education skills certificate may be met by completing 12 units of required courses with a grade of "C" or better.

REQUIRED COURSE (12 UNITS)

RAD TECH 283	CLINICAL EDUCATIONAL IN RADIOLOGIC TECHNOLOGY IV	12

Radiologic Technology Fluoroscopy

Skills Certificate

Major Units: 3
(TOP Code: 122500; Academic Plan: C122501J)

The fluoroscopy skills certificate is for students who are enrolled in the LACC Radiologic Technology program and have completed their didactic and clinical training in fluoroscopic procedures.

PROGRAM STUDENT LEARNING OUTCOMES

1. Identify and describe various ways of maintaining quality control in fluoroscopy.
2. Examine fluoroscopy images for correct positioning, centering, appropriate anatomy, and overall image quality.
3. Differentiate fluoroscopic examinations from static diagnostic radiographic examinations.

PROGRAM REQUIREMENTS

Requirements for the Fluoroscopy skills certificate may be met by completing 3 units of required courses with a grade of "C" or better.

REQUIRED COURSE (3 UNITS)

RAD TECH 243   PRINCIPLES AND PRACTICES
                 OF FLUOROSCOPY 3

The School of Language Arts, Social and Behavioral Sciences

The School of Language Arts, Social and Behavioral Sciences provides students with a comprehensive education in language, literature, communication, social sciences, and behavioral sciences. The programs offered within the pathway showcase a diverse range of programs and courses aimed at fostering critical thinking, effective communication, cultural understanding, and social awareness. The pathways in Language Arts, Social and Behavioral Sciences provide students with a rich and intellectually stimulating educational experience that prepares them for success in their academic and professional pursuits, as well as for active and informed citizenship in an increasingly complex and interconnected world. Through rigorous coursework, experiential learning opportunities, and supportive faculty mentorship, students in these programs develop the skills, knowledge, and perspectives needed to navigate diverse cultural, social, and intellectual landscapes.

LANGUAGES, HUMANITIES, AND COMMUNICATION

Programs in English/ESL typically focus on developing students' writing, reading, and analytical skills, as well as exploring literature from diverse cultural and historical perspectives. Communication Studies programs provide students with the tools to effectively convey ideas, information, and arguments in various interpersonal, organizational, and public settings. Journalism programs cover principles of reporting, writing, and media production, preparing students for careers in print, broadcast, digital, and multimedia journalism. Philosophy programs engage students in critical inquiry into fundamental questions about existence, knowledge, ethics, and the nature of reality.

SOCIAL AND BEHAVIORAL SCIENCES

In the Social and Behavioral Sciences career and academic pathway at Los Angeles City College, students have the opportunity to explore a wide range of fields, including psychology, sociology, and political science. These programs offer comprehensive coursework covering various aspects of human behavior, cognition, emotion, developmental psychology, abnormal psychology, and research methods. Social Sciences programs delve into the examination of social structures, institutions, and processes, addressing critical issues such as inequality, diversity, globalization, and social change. Additionally, the college offers specialized programs like African American Studies, focusing on the history, culture, and contributions of African Americans. Political Science, which delves into government systems and policies. Social Justice, aimed at understanding and addressing social inequalities. Sociology, which examines social interactions and institutions. Administration of Justice. This program prepares students for careers in law enforcement. Law, which focuses on studying legal principles and systems. Humanities is a program encompassing human culture and the arts. Modern Languages and Civilizations focuses on modern languages and associated cultures, Philosophy explores fundamental questions about existence and ethics. Lastly, Psychology and Human Services examines human behavior and emotional well-being while covering topics such as counseling techniques and social services. These programs provide students with a rich and diverse educational experience, equipping them with valuable knowledge and skills applicable to various academic and career paths.

Administration of Justice/Law

Department Chair: Wilhelm I. Vargas, J.D.
For more information visit:
www.lacc.edu/academics/departments

ADMINISTRATION OF JUSTICE

OVERVIEW

The Administration of Justice programs are designed to prepare students to begin careers as police officers, custodial officers, deputy sheriffs, probation/parole officers, highway patrol officers, private investigators, forensic specialists, insurance investigators, police assistants, financial investigators, and fingerprint experts. The programs stress practical application in order to expose students to the fundamental concepts and tasks of law enforcement and ready them for employment. Additionally, students are prepared for the qualification and screening process required to enter law enforcement academies such as the Los Angeles Police Academy.

PROGRAMS OFFERED

AWARD	AWARD TYPE	ACADEMIC PLAN	MAJOR UNITS	FA*
Administration of Justice	AS-T	C033121H	18-19	Y
Administration of Justice	AA	C002759C	36	Y
Administration of Justice	C	C019591D	36	Y
Fingerprint Expert	CS	C210501J	6	N

*FA = Financial Aid Eligible. Yes = Eligible for all aid.
No = Ineligible for Federal Pell and Cal Grant, FSEOG, Federal Work-Study, and Federal Loans.
Please consult with Financial Aid Office on award eligibility.

Administration of Justice

Associate in Science (AS-T) Degree

Major Units: 18-19   Total Units: Minimum of 60
(State Code: 33121; TOP Code: 210500; Academic Plan: C033121H)

The Administration of Justice Associate in Science transfer degree prepares students for transfer to the California State University (CSU) system and is specifically intended to satisfy lower-division requirements for a baccalaureate degree in Criminal Justice at a CSU. The courses emphasize the modern role of law enforcement and corrections within the criminal justice systems. Written and oral communication skills are a consistent focus.

To earn the AS-T, students must meet the following requirements:

a. Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University by completing the following:

- The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth (CSU GE-Breadth) requirements; and
- A minimum of 18 semester units in a major or area of emphasis, as approved by the CCC Chancellor's Office.

b. Minimum grade of "C" (or "P") for each course in the major and minimum grade point average of 2.0 or higher. Students completing this degree will have satisfied the lower division major preparation and transfer requirements for priority admission consideration to a local CSU campus.

PROGRAM STUDENT LEARNING OUTCOMES

1. Explain how law enforcement is a critical part of the criminal justice system.
2. Apply practical forensic techniques to successfully complete a criminal investigation
3. Recognize the responsibilities and requirements of law enforcement careers.

PROGRAM REQUIREMENTS

Requirements for the Administration of Justice Associate in Science transfer degree may be met by completing: (a) 6 units of major core courses, 6 units from "List A," and 6-7 units from "List B" with a grade of "C" or better; (b) all CSU GE-Breadth requirements of which Subject Areas A1, A2, A3, and B4 (The "Golden Four") must be completed with a grade of "C-" or better; (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken at LACCD.

MAJOR CORE COURSES (6 UNITS)

ADM JUS 001	INTRODUCTION TO ADMINISTRATION OF JUSTICE	3
ADM JUS 002	CONCEPTS OF CRIMINAL LAW	3

LIST A: SELECT 2 COURSES (6 UNITS)

ADM JUS 003	LEGAL ASPECTS OF EVIDENCE	3
ADM JUS 004	PRINCIPLES AND PROCEDURES OF THE JUSTICE SYSTEM	3
ADM JUS 005	CRIMINAL INVESTIGATION	3
ADM JUS 008	JUVENILE PROCEDURES	3

ADM JUS 067	COMMUNITY RELATIONS I	3
ADM JUS 180	INTRODUCTION TO FORENSICS	3
CORR 001	INTRODUCTION TO CORRECTIONS	3

LIST B: SELECT 2 COURSES (6-7 UNITS)

BUS 015	BUSINESS STATISTICS	3
MATH 227	STATISTICS	4
MATH 227S	STATISTICS WITH SUPPORT	4
SOC 125	STATISTICS FOR SOCIAL SCIENCES	3
ADM JUS 016	RECRUITMENT SELECTION PROCESSES	3
ADM JUS 053	FORENSIC FINGERPRINT EVIDENCE	3
ADM JUS 062	FINGERPRINT CLASSIFICATION	3
ADM JUS 160	POLICE ORGANIZATION AND ADMINISTRATION	3
PSYCH 001	INTRODUCTORY PSYCHOLOGY	3
POL SCI 001	THE GOVERNMENT OF THE UNITED STATES	3
SOC 001	INTRODUCTION TO SOCIOLOGY	3
OR ANY "LIST A" COURSE NOT ALREADY USED		

Administration of Justice

Associate of Arts (AA) Degree

Major Units: 36   Total Units: Minimum of 60
(State Code: 02759; TOP Code: 210500; Academic Plan: C002759C)

The Administration of Justice AA degree enables students to develop a strong foundation in the theory and practice of law enforcement and law enforcement investigation, the origin and application of criminal law, the various components of the criminal justice system, the structure of the various court systems, and the trial process. The degree is not intended to prepare a student for transfer to a four-year college or university.

PROGRAM STUDENT LEARNING OUTCOMES

1. Explain how law enforcement is a critical part of the criminal justice system.
2. Apply practical forensic techniques to successfully complete a criminal investigation.
3. Recognize the responsibilities and requirements of law enforcement careers.

PROGRAM REQUIREMENTS

Requirements for the Administration of Justice Associate of Arts degree may be met by completing: (a) 18 units of major core courses and 18 units of major elective courses with a grade of "C" or better; (b) all general education requirements (English and Math must be completed with a grade of "C" or better); (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken at LACCD.

MAJOR CORE COURSES (18 UNITS)

ADM JUS 001	INTRODUCTION TO ADMINISTRATION OF JUSTICE	3
ADM JUS 002	CONCEPTS OF CRIMINAL LAW	3
ADM JUS 003	LEGAL ASPECTS OF EVIDENCE	3
ADM JUS 004	PRINCIPLES AND PROCEDURES OF THE JUSTICE SYSTEM	3
ADM JUS 005	CRIMINAL INVESTIGATION	3
CORR 001	INTRODUCTION TO CORRECTIONS	3

MAJOR ELECTIVE COURSES (SELECT 18 UNITS)

ADM JUS 008	JUVENILE PROCEDURES	3
ADM JUS 016	RECRUITMENT SELECTION PROCESS	3
ADM JUS 053	FORENSIC FINGERPRINT EVIDENCE	3
ADM JUS 062	FINGERPRINT CLASSIFICATION	3

ADM JUS 067	COMMUNITY RELATIONS I	3
ADM JUS 160	POLICE ORGANIZATION AND ADMINISTRATION	3
ADM JUS 180	INTRODUCTION TO FORENSICS	3

Administration of Justice

Certificate of Achievement

Major Units: 36
(State Code: 19591; TOP Code: 210500; Academic Plan: C019591D)

The Administration of Justice certificate of achievement is designed for students who wish to prepare themselves for one of several careers in law enforcement. The certificate enables students to develop a strong foundation in the theory and practice of law enforcement and law enforcement investigation, the origin and application of criminal law, the various components of the criminal justice system, the structure of the various court systems, and trial process. The certificate is not intended to prepare a student for transfer to a four-year college or university.

PROGRAM STUDENT LEARNING OUTCOMES

1. Explain how law enforcement is a critical part of the criminal justice system.
2. Apply practical forensic techniques to successfully complete a criminal investigation.
3. Recognize the responsibilities and requirements of law enforcement careers.

PROGRAM REQUIREMENTS

Requirements for the Administration of Justice certificate of achievement may be met by completing 18 units of required courses and 18 units of elective courses with a grade of "C" or better.

REQUIRED COURSES (18 UNITS)

ADM JUS 001	INTRODUCTION TO ADMINISTRATION OF JUSTICE	3
ADM JUS 002	CONCEPTS OF CRIMINAL LAW	3
ADM JUS 003	LEGAL ASPECTS OF EVIDENCE	3
ADM JUS 004	PRINCIPLES AND PROCEDURES OF THE JUSTICE SYSTEM	3
ADM JUS 005	CRIMINAL INVESTIGATION	3
CORR 001	INTRODUCTION TO CORRECTIONS	3

ELECTIVE COURSES (SELECT 18 UNITS)

ADM JUS 008	JUVENILE PROCEDURES	3
ADM JUS 016	RECRUITMENT SELECTION PROCESS	3
ADM JUS 053	FORENSIC FINGERPRINT EVIDENCE	3
ADM JUS 062	FINGERPRINT CLASSIFICATION	3
ADM JUS 067	COMMUNITY RELATIONS I	3
ADM JUS 160	POLICE ORGANIZATION AND ADMINISTRATION	3
ADM JUS 180	INTRODUCTION TO FORENSICS	3

Fingerprint Expert

Skills Certificate

Major Units: 6
(TOP Code: 210500; Academic Plan: C210501J)

Upon completion of the fingerprint classification course, students receive a certificate that qualifies them to take the state fingerprint examination, which is required for the position of finger identification expert.

PROGRAM STUDENT LEARNING OUTCOMES

1. Categorize fingerprint records by identifying the different types of fingerprint patterns in the three basic groups: arches, loops, and whirls.
2. Use the six divisions of the Henry classification system to categorize ten-print fingerprint records.
3. Locate latent or other type fingerprints from a crime scene.

PROGRAM REQUIREMENTS

Requirements for the Fingerprint Expert skills certificate may be met by completing 6 units of required courses with a grade of "C" or better.

REQUIRED COURSES (6 UNITS)

ADM JUS 053	FORENSIC FINGERPRINT EVIDENCE	3
ADM JUS 062	FINGERPRINT CLASSIFICATION	3

LAW

OVERVIEW

In addition to offering Business Law courses to the student community, the Law discipline also offers the Paralegal Program. The Paralegal Program is approved by the American Bar Association (A.B.A.), which is significant in that the most lucrative paralegal jobs require a paralegal degree or certificate from an A.B.A.-approved paralegal program. We offers two options: an Associate of Arts degree in Paralegal Studies and a certificate of achievement in Paralegal Studies for degree holders. Note that paralegals may not provide legal services directly to the public, except as permitted by law. For more information, contact the Paralegal Program director.

PROGRAMS OFFERED

AWARD	AWARD TYPE	ACADEMIC PLAN	MAJOR UNITS	FA*
Law, Public Policy, and Society	AA-T	C043107G	30-31	Y
Paralegal Studies	AA	C002750C	43	Y
Paralegal Studies	C	C039561D	46	Y
Pathway to Law School	C	C039348D	25	Y

*FA = Financial Aid Eligible. Yes = Eligible for all aid.
No = Ineligible for Federal Pell and Cal Grant, FSEOG, Federal Work-Study, and Federal Loans.
Please consult with Financial Aid Office on award eligibility.

Law, Public Policy, and Society

Associate in Arts (AA-T) Degree

Major Units: 30-31   Total Units: Minimum of 60
(State Code: 43107; TOP Code: 140100; Academic Plan: C043107G)

The Law, Public Policy, and Society is designed to prepare students for transfer into the CSU system to complete a baccalaureate degree in American Studies, Communications, Criminal Justice, Criminology, Global Intelligence and National Security, International Relations, Philosophy, Political Science, Social and Behavioral Sciences (Political Economy Concentration) (Note: List is not meant to be exhaustive. Other destination majors may exist.) or a similar major. Upon completion of this degree, students will have a strong academic foundation in the field and be prepared for upper division baccalaureate study. Students who have completed the Law, Public Policy, and Society will have satisfied the lower division requirements for transfer into American Studies, Communications, Criminal Justice, Criminology, Global Intelligence and National Security, International Relations, Philosophy, Political Science, Social and Behavioral Sciences (Political Economy Concentration) (Note: List is not meant to be exhaustive. Other destination majors may exist.) or similar major for many campuses in the California State University system. This degree complies with the Student Transfer Achievement Reform Act (California Education Code 66746).

Students must complete the following Associate Degree for Transfer requirements:

1. Completion of 60 semester units (or 90 quarter units) that are eligible for transfer to the California State University, including both of the following:

   a.The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education - Breadth Requirements.

b.A minimum of 18 semester units (or 27 quarter units) in a major or area of emphasis, as determined by the community college district.

2. Obtainment of a minimum grade point average of 2.0.
3. Obtainment of a grade of C or higher in each course in the Area of Emphasis, or with a P if the course was taken on a Pass/No Pass basis, and the P is equal to a C or higher (Title 5 §55063).

PROGRAM STUDENT LEARNING OUTCOMES

1. Use evidence and data to develop arguments related to pertinent legal, public policy, and societal issues.
2. Successfully complete the reasoning and formal or informal logic coursework, and provide evidence through coursework that students can successfully apply those skills.
3. Understand the role of law and public policy in private and public life.
4. Recognize and implement the connections between theory and practice.
5. Be able to find, interpret, integrate, synthesize and apply information effectively from multiple sources to legal, public policy, and societal issues.
6. Understand ways in which privilege and marginality shape lives, opportunities and communities, and understand how to effectively respond to these through community action, the law or public policy.
7. Understand how to work cooperatively with communities and other constituencies.
8. Coherently and compellingly communicate – in both verbal and written form – arguments, policies and actions pertinent to the law, public policy, and society.

PROGRAM REQUIREMENTS

Requirements for the Associate in Arts in Law, Public Policy, and Society for Transfer Degree may be met by completing (a) 24-25 units of major core courses, 6 units from "List A" from two of the areas listed with a grade of "C" or better; (b) all CSU GE-Breadth requirements of which Subject Areas A1, A2, A3, and B4 (The "Golden Four") must be completed with a grade of "C-" or better; (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken at LACCD.

MAJOR CORE COURSES (24-25 UNITS)

LAW 007	STREET LAW	3
OR		
ADM JUS 001	INTRODUCTION TO ADMINISTRATION OF JUSTICE	3
OR		
ADM JUS 002	CONCEPTS OF CRIMINAL LAW	3
OR		
ADM JUS 004	PRINCIPLES AND PROCEDURES OF THE JUSTICE SYSTEM	3
PHILOS 020	ETHICS	3
COMM 101	PUBLIC SPEAKING	3
OR		
COMM 151	SMALL GROUP COMMUNICATION	3
ENGLISH 101	COLLEGE READING AND COMPOSITION I	3
COMM 104	ARGUMENTATION AND DEBATE	3
OR		
ENGLISH 103	COMPOSITION AND CRITICAL THINKING	3
OR		
PHILOS 008	DEDUCTIVE LOGIC	3
MATH 227	STATISTICS	4
OR		

MATH 227S	STATISTICS WITH SUPPORT	4
OR		
MATH 229	STATISTICS FOR THE DATA SCIENCES	4
OR		
BUS 015	BUSINESS STATISTICS	3
OR		
SOC 125	STATISTICS FOR THE SOCIAL SCIENCES	3
HISTORY 011	POLITICAL AND SOCIAL HISTORY OF THE UNITED STATES TO 1877	3
OR		
HISTORY 012	POLITICAL AND SOCIAL HISTORY OF THE UNITED STATES FROM 1865	3
POL SCI 001	THE GOVERNMENT OF THE UNITED STATES	3

LIST A: SELECT 2 COURSES (6 UNITS) FROM TWO AREAS LISTED BELOW (NOTE: COURSES MUST NOT HAVE BEEN USED FOR MAJOR CORE)

AREA 1: ADMINISTRATIVE OF JUSTICE/CRIMINAL JUSTICE/CRIMINOLOGY

ADM JUS 001	INTRODUCTION TO ADMINISTRATION OF JUSTICE	3
OR		
ADM JUS 002	CONCEPT OF CRIMINAL LAW	3
OR		
ADM JUS 003	LEGAL ASPECTS OF EVIDENCE	3
OR		
ADM JUS 004	PRINCIPLES AND PROCEDURES OF THE JUSTICE SYSTEMS	3
OR		
ADM JUS 067	COMMUNITY RELATIONS I	3
OR		
CORR 001	INTRODUCTION TO CORRECTIONS	3
OR		
ADM JUS 008	JUVENILE PROCEDURES	3
OR		
SOC 032	INTRODUCTION TO CRIMINOLOGY	3

AREA 2: BUSINESS

LAW 001	BUSINESS LAW I	3

AREA 3: ECONOMICS

ECON 001	PRINCIPLES OF MICROECONOMICS	3
OR		
ECON 002	PRINCIPLES OF MACROECONOMICS	3

AREA 4: POLITICAL SCIENCE

POL SCI 005	THE HISTORY OF WESTERN POLITICAL THOUGHT	3
OR		
POL SCI 002	INTRODUCTION TO COMPARATIVE POLITICS	3
OR		
POL SCI 007	INTRODUCTION TO INTERNATIONAL RELATIONS	3

AREA 5: PUBLIC POLICY

POL SCI 060	INTRODUCTION TO GLOBALIZATION	3
OR		
PUB REL 001	PRINCIPLES OF PUBLIC RELATIONS	3
OR		
SOC 002	AMERICAN SOCIAL PROBLEMS	3
OR		
HEALTH 051	DRUGS AND ALCOHOL IN SOCIETY	3
AND		
BUS 001	INTRODUCTION TO BUSINESS	3
OR		
HEALTH 101	INTRODUCTION TO PUBLIC HEALTH	3
OR		
INTBUS 001	INTERNATIONAL TRADE	3
OR		
LAW 002	BUSINESS LAW II	3
OR		
LAW 003	CIVIL RIGHTS AND THE LAW	3

OR
LAW 007   STREET LAW 3
    OR
LAW 033   LAW AND THE MEDIA. 3

AREA 6: DIVERSITY

ANTHRO 102   HUMAN WAYS OF LIFE: CULTURAL
                 ANTHROPOLOGY. 3
    OR
COMM 122   INTERCULTURAL COMMUNICATION 3
    OR
GEOG 002   CULTURAL ELEMENTS OF GEOGRAPHY 3
    OR
SOC 031   SOCIOLOGY OF GENDER. 3
    OR
SOC 011   RACE AND ETHICS RELATIONS. 3
    OR
AFRO AM 004   THE AFRICAN AMERICAN IN THE
                 HISTORY OF THE U.S. I 3
    OR
AFRO AM 005   THE AFRICAN AMERICAN IN THE
                 HISTORY OF THE U.S. II 3
    OR
AFRO AM 007   BLACK AMERICANS AND THE POLITICAL
                 SYSTEMS 3
    OR
ASIAN 001   THE ASIAN-AMERICAN IN THE HISTORY
                 OF THE UNITED STATES. 3
    OR
CHICANO 004   INTRODUCTION TO CHICANA/O STUDIES 3
    OR
CHICANO 007   THE MEXICAN-AMERICAN IN THE
                 HISTORY OF THE UNITED STATES I 3
    OR
CHICANO 008   THE MEXICAN-AMERICAN IN THE
                 HISTORY OF THE UNITED STATES II 3
    OR
CHICANO 047   THE MEXICAN-AMERICAN WOMEN IN
                 SOCIETY. 3

AREA 7: COLLEGE SUCCESS

COUNSEL 040   COLLEGE SUCCESS SEMINAR 3

AREA 8: INTERNSHIP/FIELDWORK

COOP ED 395   WORK EXPERIENCE - GENERAL I .3

Paralegal Studies

Associate of Arts (AA) Degree

Major Units: 43   Total Units: Minimum of 60
(State Code: 02750; TOP Code: 140200; Academic Plan: C002750C)

The Paralegal Studies Associate of Arts degree is best suited for students who do not hold a degree. The course of study is comprised of paralegal-specific courses, paralegal-related courses, and general education courses. This combination of courses produces a professional and competent paralegal. The degree is not intended to prepare a student for transfer to a four-year college or university.

PROGRAM STUDENT LEARNING OUTCOMES

1. Provide the student with an overview of the paralegal profession that includes typical paralegal tasks, places of legal employment, areas of law, and ethical responsibility.
2. Provide the student with an understanding of the court system and the rules of civil procedure.
3. Develop the student's legal writing skills by exercising the student's critical thinking skills and analytical skills.

4. Provide the student with an understanding of legal research and develop the student's ability to locate answers to legal questions.
5. Develop the student's ability to prepare legal documents that are adequate, accurate, and professional.
6. Ensure that students have current skills in technology, including the use of computers for data and word processing, and legal research.
7. Through practical application, improve the student's ability to work cooperatively with others, develop leadership skills and the ability to assume responsibility, and improve the ability to follow directions.

PROGRAM REQUIREMENTS

Requirements for the Paralegal Studies Associate of Arts degree may be met by completing: (a) 37 units of major core courses and 6 units of major elective courses with a grade of "C" or better; (b) all general education requirements (English and Math must be completed with a grade of "C" or better); (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken at LACCD.

MAJOR CORE COURSES (37 UNITS)

CAOT 084   MICROSOFT WORD 3
COMM 101   PUBLIC SPEAKING 3
LAW 001   BUSINESS LAW I 3
LAW 002   BUSINESS LAW II. 3
LAW 004   DIRECTED FIELD WORK IN
                 LEGAL ASSISTING 3
LAW 010   INTRODUCTION TO LEGAL ASSISTANT I 3
LAW 011   INTRODUCTION TO LEGAL ASSISTANT II. 3
LAW 012   TORT LAW AND CLAIMS INVESTIGATION 3
LAW 014   LAW OFFICE MANAGEMENT 3
LAW 017   LEGAL WRITING 3
LAW 019   PROPERTY AND CREDITOR RIGHTS 3
LAW 051   LEGAL RESEARCH FOR PARALEGALS. 3
LIB SCI 101   COLLEGE RESEARCH SKILLS 1

MAJOR ELECTIVE COURSES (6 UNITS)

LAW 003   CIVIL RIGHTS AND THE LAW 3
LAW 007   STREET LAW 3
LAW 013   WILLS, TRUSTS, AND PROBATE
                 ADMINISTRATION 3
LAW 018   MARRIAGE AND FAMILY LAW 3
LAW 033   LAW AND THE MEDIA. 3
LAW 035   IMMIGRATION LAW FOR PARALEGALS 3
LAW 037   BANKRUPTCY AND CREDITOR'S RIGHTS 3
LAW 038   CRIMINAL LAW & PROCEDURE 3

Paralegal Studies

Certificate of Achievement

Major Units: 46
(State Code: 39561; TOP Code: 140200; Academic Plan: C039561D)

The Paralegal Studies certificate of achievement is an option for students who hold a degree of A.A., A.S., or higher degree from a regionally accredited post-secondary institution. The course of study is comprised of paralegal-specific and paralegal-related classes. The combination of courses produces a professional and competent paralegal. Although ENGLISH 101 is a co-requisite for LAW 010, Introduction to Legal Assistant I, it is expected that a degree holder would have satisfied this requirement during their previous course of study. The certificate is not intended to prepare a student for transfer to a four-year college or university.

PROGRAM STUDENT LEARNING OUTCOMES

1. Provide the student with an overview of the paralegal profession that includes typical paralegal tasks, places of legal employment, areas of law, and ethical responsibility.
2. Provide the student with an understanding of the court system and the rules of civil procedure.
3. Develop the student's legal writing skills by exercising the student's critical thinking skills and analytical skills.
4. Provide the student with an understanding of legal research and develop the student's ability to locate answers to legal questions.
5. Develop the student's ability to prepare legal documents that are adequate, accurate, and professional.
6. Ensure that students have current skills in technology, including the use of computers for data and word processing, and legal research.
7. Through practical application, improve the student's ability to work cooperatively with others, develop leadership skills and the ability to assume responsibility, and improve the ability to follow directions.

PROGRAM REQUIREMENTS

Requirements for the Paralegal Studies certificate of achievement may be met by completing 40 units of required courses and 6 units of elective courses with a grade of "C" or better.

REQUIRED COURSES (40 UNITS)

LAW 010	INTRODUCTION TO LEGAL ASSISTANT I	3
LAW 011	INTRODUCTION TO LEGAL ASSISTANT II	3
LAW 012	TORT LAW AND CLAIMS INVESTIGATION	3
LAW 014	LAW OFFICE MANAGEMENT	3
LAW 017	LEGAL WRITING	3
LAW 051	LEGAL RESEARCH FOR PARALEGALS	3
LAW 001	BUSINESS LAW I	3
LAW 002	BUSINESS LAW II	3
LAW 019	PROPERTY AND CREDITOR RIGHTS	3
LAW 004	DIRECTED FIELD WORK IN LEGAL ASSISTING	3
CAOT 084	MICROSOFT WORD	3
ENGLISH 101	COLLEGE READING AND COMPOSITION I	3
LIB SCI 101	COLLEGE RESEARCH SKILLS	1
COMM 101 OR	PUBLIC SPEAKING	3
COMM 104 OR	ARGUMENTATION AND DEBATE	3
COMM 121 OR	INTERPERSONAL COMMUNICATION	3
COMM 122	INTERCULTURAL COMMUNICATION	3
OR		
COMM 151 OR	SMALL GROUP COMMUNICATION	3
COMM 190	COMMUNICATION AND NEW MEDIA	3

ELECTIVE COURSES: SELECT TWO (6 UNITS)

LAW 003	CIVIL RIGHTS AND THE LAW	3
LAW 007	STREET LAW	3
LAW 013	WILLS, TRUSTS, AND PROBATE ADMINISTRATION	3
LAW 018	MARRIAGE AND FAMILY LAW	3
LAW 033	LAW AND THE MEDIA	3
LAW 035	IMMIGRATION LAW FOR PARALEGALS	3
LAW 037	BANKRUPTCY AND CREDITOR'S RIGHTS	3
LAW 038	CRIMINAL LAW & PROCEDURE	3

Pathway to Law School

Certificate of Achievement

Major Units: 25
(State Code: 39348; TOP Code: 140100; Academic Plan: C039348D)

The Pathway to Law School certificate of achievement enhances a student's academic preparation for law school. A law school accredited by the American Bar Association will typically require the completion of a bachelor's degree. However, incorporating this certificate of achievement as one element of undergraduate work substantiates a student's commitment to and preparation for the rigors of law school. Law school admissions officials may consider the certificate of achievement in making their admissions decisions. Course work and the supplemental programming provide students with information about applying to law school after attaining a bachelor's degree, career options with a law degree, common admissions issues for law school applicants; financial planning for law school, and other related matters.

This Certificate of achievement is part of an initiative by the California State Bar to improve access and success for law school applicants.

PROGRAM STUDENT LEARNING OUTCOMES

1. Complete the academic preparation at the lower division level that will be needed for success in law school, and thereafter in using a law degree professionally.
2. Develop awareness of the law school application process, including resources and networks to support them.
3. Preparation to complete a bachelor's degree and attend law school to strengthen the equity, diversity, and inclusivity of people in the legal profession.

PROGRAM REQUIREMENTS

Requirements for the Pathway to Law School certificate of achievement may be met by completing 25 units of required courses with a grade of "C" or better.

REQUIRED COURSES (25 UNITS)

LAW 007	STREET LAW	3
ENGLISH 101	COLLEGE READING AND COMPOSITION I	3
MATH 227	STATISTICS	4
POL SCI 001	THE GOVERNMENT OF THE UNITED STATES	3
ENGLISH 102 OR	COLLEGE READING AND COMPOSITION II	3
ENGLISH 103 OR	COMPOSITION AND CRITICAL THINKING	3

PHILOS 005   CRITICAL THINKING AND COMPOSITION 3

HISTORY 011   POLITICAL AND SOCIAL HISTORY OF THE UNITED
                    STATES TO 1877 3
    OR

HISTORY 012   POLITICAL AND SOCIAL HISTORY OF
                    THE UNITED STATES FROM 1865 3

COUNSEL 040   COLLEGE SUCCESS SEMINAR 3
    OR

PSYCH 001   INTRODUCTORY PSYCHOLOGY 3

COMM 101   PUBLIC SPEAKING 3
    OR

COMM 104   ARGUMENTATION AND DEBATE 3
    OR

COMM 121   INTERPERSONAL COMMUNICATION 3
    OR

COMM 122   INTERCULTURAL COMMUNICATION 3

Communication Studies

COMMUNICATION STUDIES

Department Chair: Sarah Crachiolo-Garcia
For more information visit:
www.lacc.edu/academics/departments

OVERVIEW

Effective communication is essential in all industries and in our everyday interactions. In fact, 91% of employers seek candidates with strong communication skills regardless of their college degree. Classes in Communication Studies support success in many careers including but not limited to business, education, health, law, marketing, media, performance, politics, psychology, public relations, and social work. The Communication Studies department is committed to empowering student voices, supporting student achievement, and employing lifelong skills such as listening, speaking, conflict management, critical thinking, and collaboration.

PROGRAM OFFERED

AWARD	AWARD TYPE	ACADEMIC PLAN	MAJOR UNITS	FA*
Communication Studies 2.0	AA-T	C043169G	18-20	Y

*FA = Financial Aid Eligible. Yes = Eligible for all aid.
No = Ineligible for Federal Pell and Cal Grant, FSEOG, Federal Work-Study, and Federal Loans.
Please consult with Financial Aid Office on award eligibility.

Communication Studies 2.0

Associate in Arts (AA-T) Degree

Major Units: 18-20   Total Units: Minimum of 60
(State Code: 43169; TOP Code: 150600; Academic Plan: C043169G)

The Communication Studies 2.0 Associate in Arts transfer degree meets the lower division coursework of the first two years of a Communication Studies major in the California State University system.

Students must complete the following Associate Degree for Transfer requirements:

1. Completion of 60 semester units (or 90 quarter units) that are eligible for transfer to the California State University, including both of the following:

   a. The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education - Breadth Requirements.

   b. A minimum of 18 semester units (or 27 quarter units) in a major or area of emphasis, as determined by the community college district.

2. Obtainment of a minimum grade point average of 2.0.
3. Obtainment of a grade of C or higher in each course in the Area of Emphasis, or with a P if the course was taken on a Pass/No Pass basis, and the P is equal to a C or higher (Title 5 §55063).

* Please note, for List A, if COMM 106 Forensics is selected it must be taken twice

PROGRAM STUDENT LEARNING OUTCOMES

1. Describe the breadth and depth of the communication discipline.
2. Communicate competently within and across various channels, contexts, and cultures.
3. Critically analyze messages.
4. Apply ethical communication principles and practices.
5. Utilize communication to embrace differences.

PROGRAM REQUIREMENTS

Requirements for the Communication Studies Associate in Arts transfer degree may be met by completing: (a) 6 units of major core courses, 9-11 units from "List A," and 3 units from "List B" with a grade of "C" or better; (b) all CSU GE-Breadth requirements of which Subject Areas A1, A2, A3, and B4 (The "Golden Four") must be completed with a grade of "C-" or better; (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken at LACCD.

MAJOR CORE COURSES (6 UNITS)

COMM 101	PUBLIC SPEAKING	3
COMM 121	INTERPERSONAL COMMUNICATION	3

LIST A: SELECT THREE COURSES (9-11 UNITS)

COMM 104	ARGUMENTATION AND DEBATE	3
COMM 151	SMALL GROUP COMMUNICATION	3
COMM 106	FORENSICS (REPEATABLE)	2
COMM 122	INTERCULTURAL COMMUNICATION	3
COMM 190 OR	COMMUNICATION AND NEW MEDIA	3
JOURNAL 105	MASS COMMUNICATIONS	3
COMM 130	INTRODUCTION TO ORAL COMMUNICATION OF LITERATURE	3
ART 604 OR	GRAPHIC DESIGN I	3
CAOT 032 OR	BUSINESS COMMUNICATIONS	3
PHOTO 020 OR	BEGINNING PHOTOJOURNALISM	4
PHILOS 005 OR	CRITICAL THINKING AND COMPOSITION	3
PSYCH 043	PRINCIPLES OF GROUP DYNAMICS I	3

LIST B: SELECT ONE COURSE (3 UNITS)

COMM 100	INTRODUCTION TO COMMUNICATION STUDIES	3
ANTHRO 102	HUMAN WAYS OF LIFE: CULTURAL ANTHROPOLOGY	3
PSYCH 001	INTRODUCTORY PSYCHOLOGY	3
SOC 001	INTRODUCTION TO SOCIOLOGY	3
ENGLISH 102 OR	COLLEGE READING AND COMPOSITION II	3
ENGLISH 103	COMPOSITION AND CRITICAL THINKING	3
JOURNAL 101	COLLECTING AND WRITING NEWS	3
COMM 105	CRITICAL THINKING	3

OR ANY "LIST A" COURSE NOT ALREADY USED

English/ESL

Department Chair: Jeffrey Nishimura
For more information visit:
www.lacc.edu/academics/departments

ENGLISH

OVERVIEW

The English and ESL (English as a Second Language) Department offers courses in composition and critical thinking, as well as literature courses suitable for university and college transfer. In ENGLISH 101, 102, and 103, students develop writing skills that demonstrate strong organization of argument (introduction, thesis, supportive paragraphs, and conclusion), sophisticated criticism and analyses of college level reading, which includes both literary works and philosophical discourses, and proper grammar use with emphasis on word and sentence style.

ENGLISH 127 and courses in the ENGLISH 200 series focus on literature and the creative process, elevating critical thinking skills to include literary theory. These courses promote not only comprehensive learning, but also the lifelong pursuit of knowledge. They provide a mastery of transfer-level skills, so that students achieve their occupational goals and are ready to face increasingly competitive demands of business and industry.

PROGRAMS OFFERED

AWARD	AWARD TYPE	ACADEMIC PLAN	MAJOR UNITS	FA*
English	AA-T	C033147G	18	Y
English	AA	C002751C	21	Y
Creative Writing	AA	C043855D	27	Y
Creative Writing	C	C043160D	21	Y

*FA = Financial Aid Eligible. Yes = Eligible for all aid.
No = Ineligible for Federal Pell and Cal Grant, FSEOG, Federal Work-Study, and Federal Loans. Please consult with Financial Aid Office on award eligibility.

English

Associate in Arts (AA-T) Degree

Major Units: 18   Total Units: Minimum of 60
(State Code: 33147; TOP Code: 150100; Academic Plan: C033147G)

The English Associate in Arts transfer degree offers extensive English courses and meets the lower division courses requirements necessary for the California State University (CSU) system. The English program is geared to assist students at all levels, so that they may improve their writing and prepare to transfer in an environment that fosters a rich literary tradition. Students develop methods for critical interpretations of relevant works of English, American, and other literatures in English.

To earn the AA-T, students must meet the following requirements:

a. Completion of 60 semester units that are eligible for transfer to the California State University by completing the following:

- The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth (CSU GE-Breadth) requirements; and
- A minimum of 18 semester units in a major or area of emphasis, as approved by the CCC Chancellor's Office.

b. A minimum grade point average of 2.0 or higher. Students completing this degree will have satisfied the lower division major preparation and transfer requirements for priority admission consideration to a local CSU campus.

PROGRAM STUDENT LEARNING OUTCOMES

1. Read sophisticated college-level expository texts and works of literature that deal with various literary, historical, and cultural themes; distinguish main ideas and supporting points; evaluate the persuasiveness of arguments and evidence; critique assumptions using critical thinking.
2. Plan and write well-focused, logically organized, thoroughly developed, and coherent extended college level essays (1000-2000 words) that analyze, interpret, and compare concepts and that argue for or against a position; demonstrate in-depth knowledge of the writing process.
3. Distinguish between different styles of written English and evaluate the appropriateness of a particular style, tone, or voice for a given audience; vary sentence shape and structure for emphasis and effect; use all major forms of punctuation effectively, including colons.

PROGRAM REQUIREMENTS

Requirements for the English Associate in Arts transfer degree may be met by completing: (a) 6 units of major core courses, 6 units from "List A," 3 units from "List B," and 3 units from "List C" with a grade of "C" or better; (b) all CSU GE-Breadth requirements of which Subject Areas A1, A2, A3, and B4 (The "Golden Four") must be completed with a grade of "C-" or better; (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken at LACCD.

MAJOR CORE COURSES (6 UNITS)
ENGLISH 102	COLLEGE READING AND COMPOSITION II	3
ENGLISH 103	COMPOSITION AND CRITICAL THINKING	3

LIST A: SELECT TWO COURSES (6 UNITS)
ENGLISH 203	WORLD LITERATURE I	3
ENGLISH 204	WORLD LITERATURE II	3
ENGLISH 205	BRITISH LITERATURE I	3
ENGLISH 206	BRITISH LITERATURE II	3
ENGLISH 207	AMERICAN LITERATURE I	3
ENGLISH 208	AMERICAN LITERATURE II	3

LIST B: SELECT ONE COURSE (3 UNITS)
ENGLISH 127	CREATIVE WRITING	3

OR ANY "LIST A" COURSE NOT ALREADY USED

LIST C: SELECT ONE COURSE (3 UNITS)
ENGLISH 211	FICTION	3
ENGLISH 212	POETRY	3
ENGLISH 214	CONTEMPORARY LITERATURE	3

ENGLISH 215   SHAKESPEARE I.......................................3
ENGLISH 216   SHAKESPEARE II 3
ENGLISH 218   CHILDREN'S LITERATURE 3
ENGLISH 219   THE LITERATURE OF AMERICAN
  ETHNIC GROUPS 3
ENGLISH 239   WOMEN IN LITERATURE 3
ENGLISH 240   LITERATURE AND THE MOTION PICTURE I 3
ENGLISH 252   THE ENGLISH BIBLE AS LITERATURE 3
ENGLISH 255   LATIN AMERICAN LITERATURE......................3
ENGLISH 270   SCIENCE FICTION – FANTASY 3
OR ANY "LIST A" OR "LIST B" COURSE NOT ALREADY USED

ENGLISH 212   POETRY...3
ENGLISH 214   CONTEMPORARY LITERATURE........................3
ENGLISH 215   SHAKESPEARE I.......................................3
ENGLISH 216   SHAKESPEARE II 3
ENGLISH 218   CHILDREN'S LITERATURE 3
ENGLISH 239   WOMEN IN LITERATURE 3
ENGLISH 240   LITERATURE AND THE MOTION PICTURE I 3
ENGLISH 252   THE ENGLISH BIBLE AS LITERATURE 3
ENGLISH 255   LATIN AMERICAN LITERATURE......................3
ENGLISH 270   SCIENCE FICTION - FANTASY.........................3
ENGLISH 218   CHILDREN'S LITERATURE 3
ENGLISH 240   LITERATURE AND THE MOTION PICTURE I 3
ENGLISH 270   SCIENCE FICTION - FANTASY.........................3

English

Associate of Arts (AA) Degree

Major Units: 21   *Total Units: Minimum of 60*
(State Code: 02751; TOP Code: 150100; Academic Plan: C002751C)

The English curriculum encourages students who plan to transfer to begin their program of coursework early so that they will have completed all the required lower-division courses by the time they are ready to apply to four-year colleges or universities. In order to satisfy the requirements, 12 of the required 21 units must be satisfied by taking ENGLISH 102, 203, 205, and 206.

PROGRAM STUDENT LEARNING OUTCOMES

1. Read sophisticated college-level expository texts and works of literature that deal with various literary, historical, and cultural themes; distinguish main ideas and supporting points; evaluate the persuasiveness of arguments and evidence; critique assumptions using critical thinking.
2. Plan and write well-focused, logically organized, thoroughly developed, and coherent extended college level essays (1000-2000 words) that analyze, interpret, and compare concepts and that argue for or against a position; demonstrate in-depth knowledge of the writing process.
3. Distinguish between different styles of written English and evaluate the appropriateness of a particular style, tone, or voice for a given audience; vary sentence shape and structure for emphasis and effect; use all major forms of punctuation effectively, including colons.

PROGRAM REQUIREMENTS

Requirements for the English Associate of Arts degree may be met by completing: (a) 15 units of major core courses and 6 units of major elective courses with a grade of "C" or better; (b) all general education requirements (English and Math must be completed with a grade of "C" or better); (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken at LACCD.

MAJOR CORE COURSES (15 UNITS)

ENGLISH 101   COLLEGE READING AND COMPOSITION I.............3
ENGLISH 102   COLLEGE READING AND COMPOSITION II 3
ENGLISH 203   WORLD LITERATURE I...............................3
ENGLISH 205   BRITISH LITERATURE I 3
ENGLISH 206   BRITISH LITERATURE II.............................3

MAJOR ELECTIVE COURSES (6 UNITS)

ENGLISH 127   CREATIVE WRITING 3
ENGLISH 204   WORLD LITERATURE II 3
ENGLISH 207   AMERICAN LITERATURE I 3
ENGLISH 208   AMERICAN LITERATURE II...........................3
ENGLISH 211   FICTION 3

Creative Writing

Associate of Arts (AA) Degree

Major Units: 27   *Total Units: Minimum of 60*
(State Code: 43855; TOP Code: 150700; Academic Plan: C043855C)

The Creative Writing AA degree allows students to pursue further education in Creative Writing by preparing them to enter into a 4-year program with lower-division courses completed, so a student may focus on their preferred genre and form. The degree program instructs students to distinguish key elements of the four genres (fiction, creative nonfiction, poetry, and playwriting) while incorporating key elements of each genre in their own work. During the program, students will also be tasked to evaluate both student and professional writers' mastery of key elements of the four genres using criteria established by the course texts and by instructor during class lecture and discussions. Students can also gain experience as editors on our college literary journal by selecting content and working on the production and design process. Upon completion, students will have a strong introduction to the scholarship and practice of Creative Writing, allowing them to either continue their education in the field or provide them lower-division credits towards related English degrees. Completing this degree also helps students prepare for employment in many creative fields, including advertising copy writer, bookstore manager, continuity writer, corporate communications director, lawyer, librarian, publication editor, publicity director, publishing agent, teacher/professor, and writer.

PROGRAM STUDENT LEARNING OUTCOMES

1. The student will demonstrate familiarity of the major structures of Creative Writing, including Narrative, Character, Language, and Voice.
2. The student will demonstrate effective revision and self-editing techniques.
3. The student will demonstrate a complete piece of Creative Writing, whether it be a chapter of a novel-length work, a short story, or a complete poem.
4. The student will participate in collaborative editing processes through workshop and learn the importance of feedback within the field.

PROGRAM REQUIREMENTS

Requirements for the English Associate of Arts degree may be met by completing: (a) 15 units of major core courses and 12 units of major elective courses with a grade of "C" or better; (b) all general education requirements (English and Math must be completed with

a grade of "C" or better); (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken at LACCD.

MAJOR CORE COURSES (15 UNITS)

ENGLISH 101	COLLEGE READING AND COMPOSITION I	3
ENGLISH 102	COLLEGE READING AND COMPOSITION II	3
ENGLISH 124	SHORT STORY WRITING I	3
ENGLISH 127	CREATIVE WRITING	3
ENGLISH 227	CREATIVE WRITING II	3

MAJOR ELECTIVE COURSES (12 UNITS)

ENGLISH 078	WRITING MEMOIR	3
ENGLISH 211	FICTION	3
ENGLISH 212	POETRY	3
ENGLISH 214	CONTEMPORARY LITERATURE	3
ENGLISH 218	CHILDREN'S LITERATURE	3
ENGLISH 240	LITERATURE AND THE MOTION PICTURE I	3
ENGLISH 270 AND	SCIENCE FICTION - FANTASY	3
CIN 003 OR	HISTORY OF MOTION PICTURES	3
THEATER 100	INTRODUCTION TO THE THEATER	3

Creative Writing

Certificate of Achievement

Major Units: 21

(State Code: 43160; TOP Code: 150700; Academic Plan: C043160D)

Creative Writing Certificate of Achievement allows students to distinguish key elements of the four genres (fiction, creative nonfiction, poetry, and playwriting) while incorporating key elements of each genre in their own work. During the program, students will also be tasked to evaluate both student and professional writers' mastery of key elements of the four genres using criteria established by the course texts and by instructor during class lecture and discussions. Students can also gain experience as editors on our college literary journal by selecting content and working on the production and design process. Upon completion, students with this certificate will meet some lower division creative writing requirements for English bachelor's degrees at most colleges with an emphasis or minor in literature and creative writing. Completing this certificate also helps students prepare for employment in many creative fields, including advertising copy writer, bookstore manager, continuity writer, corporate communications director, lawyer, librarian, publication editor, publicity director, publishing agent, teacher/professor, and writer.

PROGRAM STUDENT LEARNING OUTCOMES

1. Distinguish key elements of the four genres (fiction, drama, creative non-fiction and poetry) and incorporate key elements of each genre in their own work.
2. Evaluate both student and professional writers' mastery of key elements of the four genres using criteria established by the course texts and by instructor during class lecture and discussions.
3. Synthesize critical appraisals of original drafts and incorporate that feedback into subsequent revisions.
4. Participate actively in class by supporting the workshop environment through reading, class discussion, and peer feedback.

PROGRAM REQUIREMENTS

Requirements for the Creative Writing certificate of achievement may be met by completing 15 units of required courses and 6 units of elective courses with a grade of "C" or better.

REQUIRED COURSES (15 UNITS)

ENGLISH 101	COLLEGE READING AND COMPOSITION I	3
ENGLISH 102	COLLEGE READING AND COMPOSITION II	3
ENGLISH 124	SHORT STORY WRITING I	3
ENGLISH 127	CREATIVE WRITING	3
ENGLISH 227	CREATIVE WRITING II	3

MAJOR ELECTIVE COURSES (6 UNITS)

ENGLISH 078	WRITING MEMOIR	3
ENGLISH 211	FICTION	3
ENGLISH 212	POETRY	3
ENGLISH 214	CONTEMPORARY LITERATURE	3
ENGLISH 218	CHILDREN'S LITERATURE	3
ENGLISH 240	LITERATURE AND THE MOTION PICTURE I	3
ENGLISH 270	SCIENCE FICTION - FANTASY	3

ESL

PROGRAMS OFFERED

AWARD	AWARD TYPE	ACADEMIC PLAN	MAJOR UNITS	FA*
ESL Milestone - Language Arts, Oral Communication	C	C043526D	21-22	Y
ESL Milestone - Language Arts, Written Communication	C	C043527D	18-19	Y
Linguistics - English/ESL	C	C042797D	21	Y
Linguistics - Modern Languages	C	C042800D	17-19	Y

*FA = Financial Aid Eligible. Yes = Eligible for all aid.
No = Ineligible for Federal Pell and Cal Grant, FSEOG, Federal Work-Study, and Federal Loans. Please consult with Financial Aid Office on award eligibility.

ESL Milestone - Language Arts, Oral Communication

Certificate of Achievement

Major Units: 21-22

(State Code: 43526; TOP Code: 4930.87; Academic Plan: C043526D)

The ESL Milestone – Language Arts, Oral Communication Certificate of Achievement is designed to prepare English language learners for the academic rigor of degree-applicable coursework in various Guided Academic and Career Pathways. Students completing this certificate have demonstrated achievement of academic English listening and speaking skills at an advanced, post-secondary level, as well as success in prerequisite or introductory coursework in a variety of degree, certificate, or general education pathways. These two elements combine to demonstrate significant achievement of a milestone along their pathways to degrees, certificates, or transfer.

PROGRAM STUDENT LEARNING OUTCOMES

1. Analyze audiences to adapt their communication style to acknowledge the differences in others.
2. Utilize appropriate speech organization.
3. Perform basic delivery skills for a live audience.
4. Create and effectively utilize professional quality presentation aids.
5. Distinguish various verbal and nonverbal messages in interpersonal relationships.
6. Utilize a variety of listening styles to appropriately respond to interpersonal messages.

PROGRAM REQUIREMENTS

Requirements for the ESL Milestone – Language Arts, Oral Communication certificate of achievement may be met by completing 21-22 units of required courses with a grade of "C" or better.

REQUIRED COURSES (21-22 UNITS)

CORE E.S.L. (15 UNITS):		
E.S.L. 006A	COLLEGE ESL VI: WRITING AND GRAMMAR	6
E.S.L. 006C	COLLEGE ESL VI: LISTENING AND SPEAKING	3
E.S.L. 008	ADVANCED ESL COMPOSITION	6

CORE TRANSFER-LEVEL ENGLISH (3-4 UNITS):		
ENGLISH 101 OR	COLLEGE READING AND COMPOSITION	3
ENGLISH 101Z OR	COLLEGE READING AND COMPOSITION WITH LAB	4
E.S.L. 110	COLLEGE COMPOSITION FOR NON-NATIVE SPEAKERS	4

CORE COMMUNICATION STUDIES (3 UNITS):		
COMM 101 OR	PUBLIC SPEAKING	3
COMM 111 OR	VOICE AND ARTICULATION	3
COMM 121	INTERPERSONAL COMMUNICATION	3

ESL Milestone - Language Arts, Written Communication

Certificate of Achievement

Major Units: 18-19
(State Code: 43527; TOP Code: 4930.87; Academic Plan: C043527D)

The ESL Milestone – Language Arts, Written Communication Certificate of Achievement is designed to prepare English language learners for the academic rigor of degree-applicable coursework in various Guided Academic and Career Pathways. Students completing this certificate have demonstrated achievement of academic English writing skills at an advanced, post-secondary level, as well as success in prerequisite or introductory coursework in a variety of degree, certificate, or general education pathways. These two elements combine to demonstrate significant achievement of a milestone along their pathways to degrees, certificates, or transfer.

PROGRAM STUDENT LEARNING OUTCOMES

1. Essay writing will follow MLA guidelines, include a clearly stated thesis or argument, and develop support in well-organized and unified paragraphs.
2. Writing will demonstrate a clear understanding of the requirements of clear exposition for college-level written communication such as analysis of evidence, appropriate inferences from the evidence, and coherent focus on the argument.
3. Essay writing will be logically organized and focused on a single unifying idea.
4. Writing will demonstrate critical thinking practices such as: use of qualified generalizations, syllogistic reasoning, analysis, inference, evaluation, and synthesis.
5. Writing will demonstrate understanding of the need to incorporate and synthesize literary traditions and literary theories.

PROGRAM REQUIREMENTS

Requirements for the ESL Milestone – Language Arts, Written Communication certificate of achievement may be met by completing 18-19 units of required courses with a grade of "C" or better.

REQUIRED COURSES (18-19 UNITS)

CORE E.S.L. (12 UNITS):		
E.S.L. 006A	COLLEGE ESL VI: WRITING AND GRAMMAR	6
E.S.L. 008	ADVANCED ESL COMPOSITION	6

CORE TRANSFER-LEVEL ENGLISH (3-4 UNITS):		
ENGLISH 101 OR	COLLEGE READING AND COMPOSITION	3
ENGLISH 101Z OR	COLLEGE READING AND COMPOSITION WITH LAB	4
E.S.L. 110	COLLEGE COMPOSITION FOR NON-NATIVE SPEAKERS	4

CORE ENGLISH (3 UNITS):		
ENGLISH 102 OR	COLLEGE READING AND COMPOSITION I	3
ENGLISH 103	COMPOSITION AND CRITICAL THINKING	3

Linguistics - English/ESL

Certificate of Achievement

Major Units: 21
(State Code: 42797; TOP Code: 150110; Academic Plan: C042797D)

This Certificate of Achievement in Linguistics - English/ESL develops a student's capacity to observe, assess, and analyze how language operates. The theoretical foundations of linguistics provide the basis for gaining insight into language structure and use, while academic learning of English and/or foreign languages as well as their literatures provides opportunities for applying these concepts to language practice. Multidisciplinary in nature, this area of emphasis includes social, psychological, historical, and cross-cultural aspects of language. Students who complete this certificate are prepared for advanced study in Linguistics and Foreign Languages at CSU, UC, and private universities. Completing this certificate also helps students prepare for employment in education, research, communication, psychology, speech pathology, cultural studies, and child development.

PROGRAM STUDENT LEARNING OUTCOMES

1. Apply linguistic analysis to works of literature in English.
2. Apply language acquisition theories to original data and live subjects.
3. Compare structural features of English.
4. Differentiate structural elements among multiple dialects of English.
5. Examine original language data in English using linguistic methods.

PROGRAM REQUIREMENTS

Requirements for the Linguistics - English/ESL certificate of achievement may be met by completing 9 units of required courses and 12 units of elective courses with a grade of "C" or better.

REQUIRED COURSES (9 UNITS)

LING 001	INTRODUCTION TO LANGUAGE AND LINGUISTICS	3
LING 002	INTRODUCTION TO SOCIOLINGUISTIC	3
LING 003	INTRODUCTION TO PSYCHOLINGUISTICS	3

ELECTIVE COURSES (12 UNITS)

ENGLISH 101	COLLEGE READING AND COMPOSITION I	3
ENGLISH 102	COLLEGE READING AND COMPOSITION II	3
ENGLISH 203	WORLD LITERATURE I	3
ENGLISH 204	WORLD LITERATURE II	3
ENGLISH 205	BRITISH LITERATURE I	3
ENGLISH 206	BRITISH LITERATURE II	3
ENGLISH 207	AMERICAN LITERATURE I	3
ENGLISH 208	AMERICAN LITERATURE II	3
ENGLISH 214	CONTEMPORARY LITERATURE	3
ENGLISH 219	THE LITERATURE OF AMERICAN ETHNIC GROUPS	3
ENGLISH 252	THE ENGLISH BIBLE AS LITERATURE	3
ENGLISH 255	LATIN AMERICAN LITERATURE	3
E.S.L. 006A	COLLEGE ESL VI: WRITING AND GRAMMAR	6
E.S.L. 008	ADVANCED ESL COMPOSITION	6

Linguistics - Modern Languages

Certificate of Achievement

Major Units: 17-19

(State Code: 42800; TOP Code: 150110; Academic Plan: C042800D)

This Certificate of Achievement in Linguistics – Modern Languages develops a student's capacity to observe, assess, and analyze how language operates. The theoretical foundations of linguistics provide the basis for gaining insight into language structure and use, while academic learning of English and/or foreign languages as well as their literatures provides opportunities for applying these concepts to language practice. Multidisciplinary in nature, this area of emphasis includes social, psychological, historical, and cross-cultural aspects of language. Students who complete this certificate are prepared for advanced study in Linguistics and Foreign Languages at CSU, UC, and private universities. Completing this certificate also helps students prepare for employment in education, research, communication, psychology, speech pathology, cultural studies, and child development.

PROGRAM STUDENT LEARNING OUTCOMES

1. Apply linguistic analysis to works of literature in English or other languages.
2. Apply language acquisition theories to original data and live subjects.
3. Compare structural features of English and other languages.
4. Differentiate structural elements among multiple dialects of English.
5. Examine original language data in English or other languages using linguistic methods.

PROGRAM REQUIREMENTS

Requirements for the Linguistics - Modern Languages certificate of achievement may be met by completing 9 units of required courses and 8-10 elective courses with a grade of "C" or better.

REQUIRED COURSES (9 UNITS)

LING 001	INTRODUCTION TO LANGUAGE AND LINGUISTICS	3
LING 002	INTRODUCTION TO SOCIOLINGUISTIC	3
LING 003	INTRODUCTION TO PSYCHOLINGUISTICS	3

ELECTIVE COURSES (8-10 UNITS)

A S L 001	AMERICAN SIGN LANGUAGE I	4
A S L 002	AMERICAN SIGN LANGUAGE II	4
A S L 003	AMERICAN SIGN LANGUAGE III	4
OR		
ARMEN 001	ELEMENTARY ARMENIAN I	5
ARMEN 002	ELEMENTARY ARMENIAN II	5
ARMEN 035	ARMENIAN FOR ARMENIAN SPEAKERS I	5
ARMEN 036	ARMENIAN FOR ARMENIAN SPEAKERS II	5
OR		
CHINESE 001	ELEMENTARY CHINESE I	5
CHINESE 002	ELEMENTARY CHINESE II	5
CHINESE 003	INTERMEDIATE CHINESE I	5
CHINESE 004	INTERMEDIATE CHINESE II	5
OR		
FRENCH 001	ELEMENTARY FRENCH I	5
FRENCH 002	ELEMENTARY FRENCH II	5
FRENCH 003	INTERMEDIATE FRENCH I	5
FRENCH 004	INTERMEDIATE FRENCH II	5
OR		
JAPAN 001	ELEMENTARY JAPANESE I	5
JAPAN 002	ELEMENTARY JAPANESE II	5
JAPAN 003	INTERMEDIATE JAPANESE I	5
JAPAN 004	INTERMEDIATE JAPANESE II	5
OR		
KOREAN 001	ELEMENTARY KOREAN I	5
KOREAN 002	ELEMENTARY KOREAN II	5
KOREAN 003	INTERMEDIATE KOREAN I	5
KOREAN 004	INTERMEDIATE KOREAN II	5
OR		
RUSSIAN 001	ELEMENTARY RUSSIAN I	5
RUSSIAN 002	ELEMENTARY RUSSIAN II	5
RUSSIAN 003	INTERMEDIATE RUSSIAN I	5
RUSSIAN 004	INTERMEDIATE RUSSIAN II	5
OR		
SPANISH 001	ELEMENTARY SPANISH I	5
SPANISH 002	ELEMENTARY SPANISH II	5
SPANISH 003	INTERMEDIATE SPANISH I	5
SPANISH 004	INTERMEDIATE SPANISH II	5

Humanities

HUMANITIES

Department Chair: Carlos Guerrero
For more information visit:
www.lacc.edu/academics/departments

OVERVIEW

As we strive to create a more civil public discourse, a more adaptable and creative workforce, and a more secure nation, the humanities and social sciences are the heart of the matter, the keeper of the republic—a source of national memory and civic vigor, cultural understanding and communication, individual fulfillment, and the ideals we hold in common. They are critical to a democratic society. In the Humanities you will develop skills of critical analysis, including gathering evidence and evaluating arguments. You will examine texts and other sources carefully, learning skills that can make your interpretation precise and convincing. We will help you sharpen these skills, which will prove invaluable lifelong, both in your private life and in your career. We will empower you to think for yourself, to learn to work in teams, and to present your case in writing, discussions, and presentations.

PROGRAM OFFERED

AWARD	AWARD TYPE	ACADEMIC PLAN	MAJOR UNITS	FA*
Humanities	AA	C002767C	18	Y

*FA = Financial Aid Eligible. Yes = Eligible for all aid.
No = Ineligible for Federal Pell and Cal Grant, FSEOG, Federal Work-Study, and Federal Loans. Please consult with Financial Aid Office on award eligibility.

Humanities

Associate of Arts (AA) Degree

Major Units: 18   Total Units: Minimum of 60
(State Code: 02767; TOP Code: 490300; Academic Plan: C002767C)

The Humanities AA degree is an interdisciplinary studies sequence that brings together the arts, literature, philosophy, social sciences, and cultural studies classes in a structured program that enhances students' writing and critical thinking skills, encourages creativity, and develops empathy and a sense of social justice. It provides a strong foundation for a wide range of undergraduate majors, including humanities, the arts, literature, history, world cultures, and ethnic and gender studies. A minimum of 18 units of Arts, Literature, Cultural Studies, and Humanities classes are required for the Humanities degree.

PROGRAM STUDENT LEARNING OUTCOMES

1. Analyze how primary source documents reflect the values and beliefs of a specific culture.
2. Use an appropriate passage from the source material to support the thesis.
3. Deliver a prepared, purposeful presentation designed to increase knowledge, to foster understanding and to promote

change in the listeners' attitudes, values, beliefs, or behaviors.

PROGRAM REQUIREMENTS

Requirements for the Humanities Associate of Arts degree may be met by completing: (a) 18 units of major core courses with a grade of "C" or better; (b) all general education requirements (English and Math must be completed with a grade of "C" or better); (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken at LACCD.

MAJOR CORE COURSES (18 UNITS)

HUMANITIES (SELECT 6 UNITS)

HUMAN 006	GREAT PEOPLE, GREAT AGES	3
HUMAN 008	GREAT WOMEN IN THE HUMANITIES	3
HUMAN 030	THE BEGINNINGS OF WESTERN CIVILIZATION	3
HUMAN 031	PEOPLE IN CONTEMPORARY SOCIETY	3
HUMAN 061	PEOPLE AND THEIR WORLD: THE CREATIVE PROCESS	3

CULTURAL STUDIES (SELECT 6 UNITS)

AFRO AM 004	THE AFRICAN AMERICAN IN THE HISTORY OF THE U.S. I	3
AFRO AM 005	THE AFRICAN AMERICAN IN THE HISTORY OF THE U.S. II	3
AFRO AM 007	BLACK AMERICANS AND THE POLITICAL SYSTEM	3
ANTHRO 102	HUMAN WAYS OF LIFE: CULTURAL ANTHROPOLOGY	3
ANTHRO 121	ANTHROPOLOGY OF RELIGION, MAGIC AND WITCHCRAFT	3
CHICANO 007	THE MEXICAN-AMERICAN IN THE HISTORY OF THE UNITED STATES I	3
CHICANO 008	THE MEXICAN-AMERICAN IN THE HISTORY OF THE UNITED STATES II	3
CHICANO 044	MEXICAN CIVILIZATION	3
CHINESE 010	CHINESE CIVILIZATION	3
COMM 122	INTERCULTURAL COMMUNICATION	3
FRENCH 010	FRENCH CIVILIZATION	3
HISTORY 007	THE WORLD'S GREAT RELIGIONS	3
HISTORY 073	RACE AND RACISM IN THE UNITED STATES HISTORY	3
KOREAN 010	KOREAN CIVILIZATION	3
LING 002	INTRODUCTION TO SOCIOLINGUISTICS	3
PHILOS 014	HISTORY OF MODERN EUROPEAN PHILOSOPHY	3
PHILOS 030	ASIAN PHILOSOPHY	3
PHILOS 032	PHILOSOPHY OF RELIGION	3
POL SCI 019	WOMEN IN POLITICS	3
RUSSIAN 010	RUSSIAN CIVILIZATION	3
SOC 002	AMERICAN SOCIAL PROBLEMS	3
SOC 011	RACE AND ETHNIC RELATIONS	3
SOC 022	SOCIOLOGY OF WOMEN	3
SOC 031	SOCIOLOGY OF GENDER	3
SPANISH 009	CIVILIZATION OF SPAIN	3
SPANISH 010	LATIN AMERICAN CIVILIZATION	3

ARTS (SELECT 3 UNITS)

AFRO AM 060	AFRICAN-AMERICAN MUSIC	3
ANTHRO 151	VISUAL ANTHROPOLOGY: EXPLORING CULTURE THROUGH FILM AND MIXED MEDIA	3
ART 501	BEGINNING TWO-DIMENSIONAL DESIGN	3
ARTHIST 103	ART APPRECIATION I	3
ARTHIST 110	SURVEY OF WESTERN ART HISTORY I	3
ARTHIST 120	SURVEY OF WESTERN ART HISTORY II	3

ARTHIST 130	SURVEY OF ASIAN ART HISTORY	3
ARTHIST 139	INTRODUCTION TO ISLAMIC ART	3
ARTHIST 140	SURVEY OF ARTS OF AFRICA, OCEANIA, AND ANCIENT AMERICA	3
ARTHIST 151	INTRODUCTION TO LATIN AMERICAN ART	3
ARTHIST 171	INTRODUCTION TO GLOBAL CONTEMPORARY ART	3
CINEMA 003	HISTORY OF MOTION PICTURES	3
CINEMA 004	HISTORY OF THE DOCUMENTARY FILM	3
CINEMA 018	INTRODUCTION TO FILM GENRES	3
CINEMA 501	MEDIA AESTHETICS AND DESIGN FOR FILM AND DIGITAL MEDIA	3
MUSIC 111	MUSIC APPRECIATION	3
MUSIC 116	SURVEY AND HISTORY OF ROCK, POP AND SOUL MUSIC	3
MUSIC 121	MUSIC HISTORY AND LITERATURE I	3
MUSIC 122	MUSIC HISTORY AND LITERATURE II	3
MUSIC 135	AFRICAN AMERICAN MUSIC	3
MUSIC 136	MUSIC IN AMERICAN CULTURE	3
MUSIC 141	JAZZ APPRECIATION	3
PHILOS 040	INTRODUCTION TO THE PHILOSOPHY OF ART	3
PHOTO 034	HISTORY OF PHOTOGRAPHY	3
PHOTO 501	MEDIA AESTHETICS AND DESIGN FOR FILM AND DIGITAL MEDIA	3
THEATER 100	INTRODUCTION TO THE THEATER	3
THEATER 110	HISTORY OF THE WORLD THEATER	3

LITERATURE (SELECT 3 UNITS)

AFRO AM 020	AFRICAN-AMERICAN LITERATURE I	3
ENGLISH 102	COLLEGE READING AND COMPOSITION II	3
ENGLISH 103	COMPOSITION AND CRITICAL THINKING	3
ENGLISH 203	WORLD LITERATURE I	3
ENGLISH 204	WORLD LITERATURE II	3
ENGLISH 205	BRITISH LITERATURE I	3
ENGLISH 206	BRITISH LITERATURE II	3
ENGLISH 207	AMERICAN LITERATURE I	3
ENGLISH 208	AMERICAN LITERATURE II	3
ENGLISH 211	FICTION	3
ENGLISH 212	POETRY	3
ENGLISH 214	CONTEMPORARY LITERATURE	3
ENGLISH 215	SHAKESPEARE I	3
ENGLISH 216	SHAKESPEARE II	3
ENGLISH 218	CHILDREN'S LITERATURE	3
ENGLISH 219	THE LITERATURE OF AMERICAN ETHNIC GROUPS	3
ENGLISH 239	WOMEN IN LITERATURE	3
ENGLISH 240	LITERATURE AND THE MOTION PICTURE I	3
ENGLISH 252	THE ENGLISH BIBLE AS LITERATURE	3
ENGLISH 255	LATIN AMERICAN LITERATURE	3
ENGLISH 270	SCIENCE FICTION & FANTASY	3
LING 001	INTRODUCTION TO LANGUAGE AND LINGUISTICS	3

Liberal Arts & General Education

LIBERAL ARTS

See the Counseling Department or Articulation Office for information regarding these interdisciplinary programs.

OVERVIEW

The Liberal Arts degrees are designed for students planning to transfer to a four year college/university, including the California State University (CSU) and the University of California (UC) system. These degrees provide a well-rounded academic education in the liberal arts and sciences.

PROGRAMS OFFERED

AWARD	AWARD TYPE	ACADEMIC PLAN	MAJOR UNITS	FA*
Liberal Arts: Arts and Humanities	AA	C019843C	18	Y
Liberal Arts: Social and Behavioral Sciences	AA	C019845C	18	Y

*FA = Financial Aid Eligible. Yes.= Eligible for all aid.
No = Ineligible for Federal Pell and Cal Grant, FSEOG, Federal Work-Study, and Federal Loans.
Please consult with Financial Aid Office on award eligibility.

Liberal Arts: Arts and Humanities

Associate of Arts (AA) Degree

Major Units: 18   Total Units: Minimum of 60
(State Code: 19843; TOP Code: 490310; Academic Plan: C019843C)

These courses bring together art, music, history, literature, and cultural studies. Students will interpret the ways in which people through the ages in different cultures have responded to themselves and the world around them in artistic and cultural creation.

PROGRAM STUDENT LEARNING OUTCOMES

1. Communicate effectively, by means of listening, speaking, reading, and writing.
2. Utilize contemporary information technology to retrieve, process, and communicate information.
3. Apply critical thinking skills to solve problems, to evaluate arguments, and to interpret information.
4. Employ scientific inquiry methods to conduct and document meaningful research.

PROGRAM REQUIREMENTS

Requirements for the Liberal Arts: Arts and Humanities Associate of Arts degree may be met by completing: (a) 18 units of major core courses with a grade of "C" or better, chosen from a minimum of two different subjects; (b) all general education requirements; (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken within the LACCD.

MAJOR CORE COURSES (SELECT 18 UNITS)

AFRO AM 004	THE AFRICAN AMERICAN IN THE HISTORY OF THE U.S. I	3
AFRO AM 005	THE AFRICAN AMERICAN IN THE HISTORY OF THE U.S. II	3
AFRO AM 007	BLACK AMERICANS AND THE POLITICAL SYSTEM	3
AFRO AM 020	AFRICAN-AMERICAN LITERATURE I	3
AFRO AM 060	AFRICAN-AMERICAN MUSIC	3
A S L 001	AMERICAN SIGN LANGUAGE I	4
A S L 002	AMERICAN SIGN LANGUAGE II	4
AS L 003	AMERICAN SIGN LANGUAGE III	4
A S L 040	INTRODUCTION TO DEAF CULTURE	3
ANIMATN 118	HISTORY OF ANIMATION	3
ARABIC 001	ELEMENTARY ARABIC I	5
ARMEN 001	ELEMENTARY ARMENIAN I	5
ARMEN 002	ELEMENTARY ARMENIAN II	5
ARMEN 011	19TH AND 20TH CENTURY ARMENIAN LITERATURE	3
ARMEN 012	20TH AND 21ST CENTURY ARMENIAN LITERATURE	3
ARMEN 035	ARMENIAN FOR ARMENIAN SPEAKERS I	3
ARMEN 036	ARMENIAN FOR ARMENIAN SPEAKERS II	3
ART 201	DRAWING I	3
ART 209	PERSPECTIVE DRAWING I	3
ART 250	INTRODUCTION TO DIGITAL ART	3
ART 501	BEGINNING TWO-DIMENSIONAL DESIGN	3
ARTHIST 103	ART APPRECIATION I	3
ARTHIST 110	SURVEY OF WESTERN ART HISTORY I	3
ARTHIST 120	SURVEY OF WESTERN ART HISTORY II	3
ARTHIST 130	SURVEY OF ASIAN ART HISTORY	3
ARTHIST 139	INTRODUCTION TO ISLAMIC ART	3
ARTHIST 140	SURVEY OF ARTS OF AFRICA, OCEANIA, AND ANCIENT AMERICA	3
ARTHIST 151	INTRODUCTION TO LATIN AMERICAN ART	3
ARTHIST 171	INTRODUCTION TO GLOBAL CONTEMPORARY ART	3
ASIAN 001	ASIAN AMERICAN HISTORY	3
CHICANO 004	INTRODUCTION TO CHICANA/O STUDIES	3
CHICANO 007	THE MEXICAN-AMERICAN IN THE HISTORY OF THE UNITED STATES I	3
CHICANO 008	THE MEXICAN-AMERICAN IN THE HISTORY OF THE UNITED STATES II	3
CHICANO 044	MEXICAN CIVILIZATION	3
CHICANO 047	THE MEXICAN-AMERICAN WOMAN IN SOCIETY	3
CHINESE 001	ELEMENTARY CHINESE I	5
CHINESE 002	ELEMENTARY CHINESE II	5
CHINESE 003	INTERMEDIATE CHINESE I	5
CHINESE 004	INTERMEDIATE CHINESE II	5
CHINESE 010	CHINESE CIVILIZATION	3
CINEMA 003	HISTORY OF MOTION PICTURES	3
CINEMA 004	HISTORY OF THE DOCUMENTARY FILM	3
CINEMA 018	INTRODUCTION TO FILM GENRES	3
CINEMA 103	DIVERSITY IN CINEMA	3
CINEMA 501	MEDIA AESTHETICS AND DESIGN FOR FILM AND DIGITAL MEDIA	3
COMM 130	INTRODUCTION TO ORAL INTERPRETATION OF LITERATURE	3
DANCEST 805	HISTORY AND APPRECIATION OF DANCE	3
ENGLISH 102	COLLEGE READING AND COMPOSITION II	3
ENGLISH 203	WORLD LITERATURE I	3
ENGLISH 204	WORLD LITERATURE II	3
ENGLISH 205	BRITISH LITERATURE I	3
ENGLISH 206	BRITISH LITERATURE II	3
ENGLISH 207	AMERICAN LITERATURE I	3
ENGLISH 208	AMERICAN LITERATURE II	3
ENGLISH 211	FICTION	3
ENGLISH 212	POETRY	3

ENGLISH 214	CONTEMPORARY LITERATURE	3
ENGLISH 215	SHAKESPEARE I	3
ENGLISH 216	SHAKESPEARE II	3
ENGLISH 218	CHILDREN'S LITERATURE	3
ENGLISH 219	THE LITERATURE OF AMERICAN ETHNIC GROUPS	3
ENGLISH 239	WOMEN IN LITERATURE	3
ENGLISH 240	LITERATURE AND THE MOTION PICTURE I	3
ENGLISH 252	THE ENGLISH BIBLE AS LITERATURE	3
ENGLISH 255	LATIN AMERICAN LITERATURE	3
ENGLISH 270	SCIENCE FICTION - FANTASY	3
FRENCH 001	ELEMENTARY FRENCH I	5
FRENCH 002	ELEMENTARY FRENCH II	5
FRENCH 003	INTERMEDIATE FRENCH I	5
FRENCH 004	INTERMEDIATE FRENCH II	5
FRENCH 007	CONVERSATIONAL FRENCH	3
FRENCH 010	FRENCH CIVILIZATION	3
HISTORY 005	HISTORY OF THE AMERICAS I	3
HISTORY 006	HISTORY OF THE AMERICAS II	3
HISTORY 007	THE WORLD'S GREAT RELIGIONS	3
HISTORY 011	POLITICAL AND SOCIAL HISTORY OF THE UNITED STATES TO 1877	3
HISTORY 012	POLITICAL AND SOCIAL HISTORY OF THE UNITED STATES FROM 1865	3
HISTORY 040	AMERICAN HISTORY IN FILM	3
HISTORY 059	COMPARATIVE HISTORY OF GENOCIDE & WAR CRIMES	3
HISTORY 073	RACE & RACISM IN UNITED STATES HISTORY	3
HISTORY 081	A HISTORY OF WORKING PEOPLE IN THE UNITED STATES I	3
HISTORY 082	A HISTORY OF WORKING PEOPLE IN THE UNITED STATES II	3
HISTORY 086	INTRODUCTION TO WORLD CIVILIZATION I	3
HISTORY 087	INTRODUCTION TO WORLD CIVILIZATION II	3
HUMAN 006	GREAT PEOPLE, GREAT AGES	3
HUMAN 008	GREAT WOMEN IN THE HUMANITIES	3
HUMAN 030	THE BEGINNINGS OF WESTERN CIVILIZATION	3
HUMAN 031	PEOPLE IN CONTEMPORARY SOCIETY	3
HUMAN 061	PEOPLE AND THEIR WORLD: THE CREATIVE PROCESS	3
JAPAN 001	ELEMENTARY JAPANESE I	5
JAPAN 002	ELEMENTARY JAPANESE II	5
JAPAN 003	INTERMEDIATE JAPANESE I	5
JAPAN 004	INTERMEDIATE JAPANESE II	5
JAPAN 009	JAPANESE CIVILIZATION	3
JAPAN 014	JAPANESE POPULAR CULTURE	3
KOREAN 001	ELEMENTARY KOREAN I	5
KOREAN 002	ELEMENTARY KOREAN II	5
KOREAN 003	INTERMEDIATE KOREAN I	5
KOREAN 004	INTERMEDIATE KOREAN II	5
KOREAN 010	KOREAN CIVILIZATION	3
KOREAN 013	KOREAN POPULAR CULTURE	3
KOREAN 021	FUNDAMENTALS OF KOREAN I	3
KOREAN 022	FUNDAMENTALS OF KOREAN II	3
KOREAN 026	UNDERSTANDING KOREA THROUGH FILM	3
LING 001	INTRODUCTION TO LANGUAGE AND LINGUISTICS	3
MUSIC 101	FUNDAMENTALS OF MUSIC	3
MUSIC 111	MUSIC APPRECIATION	3
MUSIC 116	SURVEY AND HISTORY OF ROCK, POP AND SOUL MUSIC	3
MUSIC 121	MUSIC HISTORY AND LITERATURE I	3
MUSIC 122	MUSIC HISTORY AND LITERATURE II	3
MUSIC 135	AFRICAN AMERICAN MUSIC	3
MUSIC 136	MUSIC IN AMERICAN CULTURE	3
MUSIC 141	JAZZ APPRECIATION	3
MUSIC 200	INTRODUCTION TO MUSIC THEORY	4
PHILOS 001	INTRODUCTION TO PHILOSOPHY	3
PHILOS 014	HISTORY OF MODERN EUROPEAN PHILOSOPHY	3
PHILOS 020	ETHICS	3
PHILOS 030	ASIAN PHILOSOPHY	3
PHILOS 032	PHILOSOPHY OF RELIGION	3
PHILOS 040	INTRODUCTION TO THE PHILOSOPHY OF ART	3
PHOTO 010	BEGINNING PHOTOGRAPHY	3
PHOTO 034	HISTORY OF PHOTOGRAPHY	3
PHOTO 501	MEDIA AESTHETICS AND DESIGN FOR FILM AND DIGITAL MEDIA	3
POL SCI 005	THE HISTORY OF WESTERN POLITICAL THOUGHT	3
RUSSIAN 001	ELEMENTARY RUSSIAN I	5
RUSSIAN 002	ELEMENTARY RUSSIAN II	5
RUSSIAN 003	INTERMEDIATE RUSSIAN I	5
RUSSIAN 004	INTERMEDIATE RUSSIAN II	5
RUSSIAN 010	RUSSIAN CIVILIZATION	3
SPANISH 001	ELEMENTARY SPANISH I	5
SPANISH 002	ELEMENTARY SPANISH II	5
SPANISH 003	INTERMEDIATE SPANISH I	5
SPANISH 004	INTERMEDIATE SPANISH II	5
SPANISH 006	ADVANCED SPANISH THROUGH SPANISH LITERATURE	5
SPANISH 009	CIVILIZATION OF SPAIN	3
SPANISH 010	LATIN-AMERICAN CIVILIZATION	3
SPANISH 011	GREAT BOOKS OF SPANISH LITERATURE	3
SPANISH 015	GREAT BOOKS OF LATIN AMERICAN LITERATURE	3
SPANISH 021	FUNDAMENTALS OF SPANISH I	3
SPANISH 022	FUNDAMENTALS OF SPANISH II	3
SPANISH 035	SPANISH FOR SPANISH SPEAKERS I	5
SPANISH 036	SPANISH FOR SPANISH SPEAKERS II	5
THEATER 100	INTRODUCTION TO THE THEATER	3
THEATER 110	HISTORY OF THE WORLD THEATER	3
THEATER 338	INTRODUCTION TO DESIGN: THEATER, FILM, AND TV	3
THEATER 400 OR	COSTUME PERIODS AND STYLES	3

OR ANY COURSE NOT LISTED ABOVE APPROVED FOR LACCD GE AREA 3, CSU GE-BREADTH AREA C (C1 OR C2), IGETC SUBJECT AREA 3 (3A OR 3B), OR CAL-GETC AREA 3 (3A OR 3B)

Liberal Arts: Social and Behavioral Sciences

Associate of Arts (AA) Degree

Major Units: 18   Total Units: Minimum of 60
(State Code: 19845; TOP Code: 490100; Academic Plan: C019845C)

These courses emphasize the perspective, concepts, theories and methodologies found in the social and behavioral sciences. Students will study about themselves and others as members of a larger society. This pattern emphasizes the contributions and perspectives of men, women and members of various ethnic and cultural groups and a comparative perspective on both Western and non-Western societies.

PROGRAM STUDENT LEARNING OUTCOMES

1. Communicate effectively, by means of listening, speaking, reading, and writing.
2. Utilize contemporary information technology to retrieve, process, and communicate information.
3. Apply critical thinking skills to solve problems, to evaluate arguments, and to interpret information.
4. Employ scientific inquiry methods to conduct and document meaningful research.

PROGRAM REQUIREMENTS

Requirements for the Liberal Arts: Social & Behavior Science Associate of Arts degree may be met by completing: (a) 18 units of major core courses with a grade of "C" or better, chosen from a minimum

of two different subjects; (b) all general education requirements; (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken within the LACCD.

MAJOR CORE COURSES (SELECT 18 UNITS)

ADM JUS 001	INTRODUCTION TO ADMINISTRATION OF JUSTICE ...3
ADM JUS 002	CONCEPTS OF CRIMINAL LAW 3
ADM JUS 067	COMMUNITY RELATIONS I...........................3
AFRO AM 004	THE AFRICAN AMERICAN IN THE HISTORY OF THE U.S. I.............................3
AFRO AM 005	THE AFRICAN AMERICAN IN THE HISTORY OF THE U.S. II 3
AFRO AM 007	BLACK AMERICANS AND THE POLITICAL SYSTEM 3
ANTHRO 102	HUMAN WAYS OF LIFE: CULTURAL ANTHROPOLOGY .3
ANTHRO 103	ARCHAEOLOGY: RECONSTRUCTING THE HUMAN PAST 3
ANTHRO 121	ANTHROPOLOGY OF RELIGION, MAGIC AND WITCHCRAFT........................3
ANTHRO 151	VISUAL ANTHROPOLOGY: EXPLORING CULTURE THROUGH FILM AND MIXED MEDIA 3
ASIAN 001	ASIAN AMERICAN HISTORY..........................3
BUS 001	INTRODUCTION TO BUSINESS 3
CHICANO 004	INTRODUCTION TO CHICANA/O STUDIES 3
CHICANO 007	THE MEXICAN-AMERICAN IN THE HISTORY OF THE UNITED STATES I................3
CHICANO 008	THE MEXICAN-AMERICAN IN THE HISTORY OF THE UNITED STATES II 3
CHICANO 044	MEXICAN CIVILIZATION 3
CHICANO 047	THE MEXICAN-AMERICAN WOMAN IN SOCIETY 3
CH DEV 001	CHILD GROWTH AND DEVELOPMENT 3
CH DEV 011	CHILD, FAMILY AND COMMUNITY 3
CH DEV 042	TEACHING IN A DIVERSE SOCIETY 3
CINEMA 103	DIVERSITY IN CINEMA 3
COMM 100	INTRODUCTION TO COMMUNICATION STUDIES......3
COMM 121	INTERPERSONAL COMMUNICATION 3
COMM 122	INTERCULTURAL COMMUNICATION..................3
COMM 190	COMMUNICATION AND NEW MEDIA 3
CS 101	INTRODUCTION TO COMPUTER SCIENCE............3
ECON 001	PRINCIPLES OF MICROECONOMICS...................3
ECON 002	PRINCIPLES OF MACROECONOMICS..................3
FAM &CS 031	MARRIAGE AND FAMILY LIFE 3
GEOG 002	CULTURAL ELEMENTS OF GEOGRAPHY..............3
GEOG 007	WORLD REGIONAL GEOGRAPHY 3
GEOG 014	GEOGRAPHY OF CALIFORNIA........................3
HISTORY 005	HISTORY OF THE AMERICAS I........................3
HISTORY 006	HISTORY OF THE AMERICAS II 3
HISTORY 007	THE WORLD'S GREAT RELIGIONS 3
HISTORY 011	POLITICAL AND SOCIAL HISTORY OF THE UNITED STATES TO 1877 3
HISTORY 012	POLITICAL AND SOCIAL HISTORY OF THE UNITED STATES FROM 1865 3
HISTORY 040	AMERICAN HISTORY IN FILM 3
HISTORY 059	COMPARATIVE HISTORY OF GENOCIDE & WAR CRIMES..3
HISTORY 073	RACE & RACISM IN UNITED STATES HISTORY..........3
HISTORY 081	A HISTORY OF WORKING PEOPLE IN THE UNITED STATES I..3
HISTORY 082	A HISTORY OF WORKING PEOPLE IN THE UNITED STATES II 3
HISTORY 086	INTRODUCTION TO WORLD CIVILIZATION I..........3
HISTORY 087	INTRODUCTION TO WORLD CIVILIZATION II.........3
JOURNAL 105	MASS COMMUNICATIONS 3
KIN MAJ 109	WOMEN IN SPORT 3
LAW 003	CIVIL RIGHTS AND THE LAW 3
LAW 007	STREET LAW 3
LING 002	INTRODUCTION TO SOCIOLINGUISTICS 3
LING 003	INTRODUCTION TO PSYCHOLINGUISTICS 3
POL SCI 001	THE GOVERNMENT OF THE UNITED STATES 3
POL SCI 002	INTRODUCTION TO COMPARATIVE POLITICS........3
POL SCI 005	THE HISTORY OF WESTERN POLITICAL THOUGHT 3
POL SCI 007	INTRODUCTION TO INTERNATIONAL RELATIONS.....3

POL SCI 014	GOVERNMENT AND POLITICS IN THE MIDDLE EAST 3
POL SCI 019	WOMEN IN POLITICS 3
POL SCI 060	THE HISTORY OF WESTERN POLITICAL THOUGHT 3
PSYCH 001	INTRODUCTORY PSYCHOLOGY.......................3
PSYCH 003	PERSONALITY AND SOCIAL DEVELOPMENT 3
PSYCH 013	SOCIAL PSYCHOLOGY 3
PSYCH 014	ABNORMAL PSYCHOLOGY............................3
PSYCH 041	LIFE-SPAN PSYCHOLOGY: FROM INFANCY TO OLD AGE 3
PSYCH 052	PSYCHOLOGICAL ASPECTS OF HUMAN SEXUALITY...3
PSYCH 074	RESEARCH METHODS IN THE BEHAVIORAL SCIENCES 3
SOC 001	INTRODUCTION TO SOCIOLOGY......................3
SOC 002	AMERICAN SOCIAL PROBLEMS 3
SOC 004	SOCIOLOGICAL ANALYSIS 3
SOC 011	RACE AND ETHNIC RELATIONS 3
SOC 012	MARRIAGE AND FAMILY LIFE 3
SOC 022	SOCIOLOGY OF WOMEN.............................3
SOC 031	SOCIOLOGY OF GENDER.............................3
SOC 032	INTRODUCTION TO CRIMINOLOGY 3

OR

OR ANY COURSE NOT LISTED ABOVE APPROVED FOR LACCD GE AREA 4, CSU GE-BREADTH AREA D, IGETC SUBJECT AREA 4, OR CAL-GETC AREA 4

GENERAL EDUCATION

See the Counseling Department or Articulation Office for information regarding these interdisciplinary programs.

PROGRAMS OFFERED

AWARD	AWARD TYPE	ACADEMIC PLAN	MAJOR UNITS	FA*
CSU General Education Breadth	C	C018569D	39	N
IGETC	C	C019842D	34	N

*FA = Financial Aid Eligible. Yes = Eligible for all aid.
No = Ineligible for Federal Pell and Cal Grant, FSEOG, Federal Work-Study, and Federal Loans. Please consult with Financial Aid Office on award eligibility.

CSU General Education Breadth

Certificate of Achievement

Major Units: 39
(State Code: 18569; TOP Code: 490110; Academic Plan: C018569D)

The CSU General Education Breadth (CSU GE-Breadth) certificate of achievement is designed for students planning to transfer to the California State University (CSU) system. The CSU GE-Breadth certificate of achievement requires completion of 39 semester units of lower-division general education coursework with a "C-" grade or better in Subject Areas A1, A2, A3, and B4 (The "Golden Four"). It is strongly recommended that students work with their academic counselor to review additional transfer requirements for specific majors at the CSU campuses to which they intend to transfer.

PROGRAM STUDENT LEARNING OUTCOMES

1. Communicate effectively, both verbally and in writing.
2. Critically analyze and solve problems using the appropriate technique for the issue at hand, including appropriate use of logic, mathematics, multi-disciplinary, and cultural considerations where applicable.
3. Critically examine the function, media, subject matter, organization, aesthetic, style, and relative excellence of representative examples of the arts, literature, philosophy, and foreign languages including approaches from various historical, cultural, and gender-based origins.
4. Develop an understanding of the information available, the perspectives and approaches of the physical, biological, social and behavioral sciences, appreciating the power and limits of these methods of inquiry and both individual, ethical, and societal responsibilities.
5. Organize and present information in person in a logical and understandable manner.

PROGRAM REQUIREMENTS

Requirements for the CSU General Education (CSU GE-Breadth) certificate of achievement may be met by completing 39 units of required courses under the CSU General Education Breadth Requirements Check Sheet with a grade of "C" or better. See a counselor for more details.

IGETC

Certificate of Achievement

Major Units: 34
(State Code: 19842; TOP Code: 490110; Academic Plan: C019842D)

The Intersegmental General Education Transfer Curriculum (IGETC) certificate of achievement is designed for students planning to transfer to either the California State University (CSU) and/or the University of California (UC) system. IGETC is a series of courses that California community college students can complete to satisfy freshman/sophomore level general education requirements before transferring to most colleges and majors at CSU and UC campuses. The IGETC pattern for UC requires completion of a minimum of 34 semester units of lower-division general education coursework with a "C" grade or better in each course. It is strongly recommended that students work with their academic counselor to review additional transfer requirements for specific majors at the CSU and UC campuses to which they intend to transfer.

PROGRAM STUDENT LEARNING OUTCOMES

1. Select, evaluate, and use information to solve problems, investigate a point of view, support a conclusion, or engage in creative expression.
2. Use language to effectively convey an idea or set of facts, including the ability to use source material and evidence according to institutional and discipline standards.
3. Understand and interpret various points of view that emerge from a diverse world of peoples and/or cultures.
4. Represent complex data in various mathematical forms (e.g., equations, graphs, diagrams, tables, and words) and analyze these data to make judgments and draw appropriate conclusions.

PROGRAM REQUIREMENTS

Requirements for the IGETC certificate of achievement may be met by completing 34 units of required courses under the Intersegmental General Education Transfer Curriculum (IGETC) Check Sheet with a grade of "C" or better. See a counselor for more details.

Modern Languages & Civilizations

Department Chair: Yelgy Parada
For more information visit:
www.lacc.edu/academics/departments

AMERICAN SIGN LANGUAGE

OVERVIEW

American Sign Language (ASL) is growing in usage. Colleges and universities throughout America now accept ASL in fulfillment of language entrance and graduation requirements. Television stations are using sign language in their programs and advertising, and more and more employers are looking for applicants who can sign.

PROGRAM OFFERED

AWARD	AWARD TYPE	ACADEMIC PLAN	MAJOR UNITS	FA*
American Sign Language	C	C036007D	18	Y

*FA = Financial Aid Eligible. Yes = Eligible for all aid.
No = Ineligible for Federal Pell and Cal Grant, FSEOG, Federal Work-Study, and Federal Loans. Please consult with Financial Aid Office on award eligibility.

American Sign Language
Certificate of Achievement

Major Units: 18

(State Code: 36007; TOP Code: 085000; Academic Plan: C036007D)

The American Sign Language certificate of achievement gives students the opportunity to document their skills in the ASL language and the knowledge of deaf culture. The certificate of achievement is evidence of the student's academic persistence and achievement in the language and cultural studies for employment and professional advancement. The certificate demonstrates the recipient's ability to perform the following:

- Employ an extended sign vocabulary and use their expressive and receptive skills in conversation.
- Incorporate knowledge of the customs and culture of the deaf community into their conversational skills.
- Perform the accurate use of non-manual behaviors and classifiers.

PROGRAM STUDENT LEARNING OUTCOMES

1. Speak (sign) at the ACTFL (American Council on the Teaching of Foreign Languages) Proficiency Novice High Level.
2. Write (correspond) at the ACTFL Proficiency Novice High Level.
3. Listen (attend) and comprehend spoken (live) discourse at the ACTFL Proficiency Novice High Level.
4. Read (interpret) and comprehend written (recorded) discourse at the ACTFL Proficiency Novice High Level.
5. Define fundamental aspect of deaf culture at the ACTFL Novice Range.

PROGRAM REQUIREMENTS

Requirements for the American Sign Language certificate of achievement may be met by completing 18 units of required courses with a grade of "C" or better.

REQUIRED COURSES (18 UNITS)

A S L 001	AMERICAN SIGN LANGUAGE I	4
A S L 002	AMERICAN SIGN LANGUAGE II	4
A S L 003	AMERICAN SIGN LANGUAGE III	4
A S L 025	CONVERSATIONAL AMERICAN SIGN LANGUAGE	2
A S L 030	FINGERSPELLING I	1
A S L 040	INTRODUCTION TO DEAF CULTURE	3

ARMENIAN

PROGRAM OFFERED

AWARD	AWARD TYPE	ACADEMIC PLAN	MAJOR UNITS	FA*
Armenian Language and Literature	C	C041527D	16	Y

*FA = Financial Aid Eligible. Yes = Eligible for all aid.
No = Ineligible for Federal Pell and Cal Grant, FSEOG, Federal Work-Study, and Federal Loans. Please consult with Financial Aid Office on award eligibility.

Armenian Language and Literature
Certificate of Achievement

Major Units: 16

(State Code: 41527: TOP Code: 119900; Academic Plan: C041527D)

The Armenian Language and Literature certificate of achievement gives students the opportunity to document their skills in the Armenian language and their knowledge of Armenian culture. The certificate of achievement is evidence of the student's academic persistence and achievement in the Armenian language and cultural studies for employment and professional advancement.

PROGRAM STUDENT LEARNING OUTCOMES

1. Speak Armenian at the ACTFL (American Council on the Teaching of Foreign Languages) Proficiency Intermediate-Mid Level.
2. Interpret Armenian culture and history in literature.
3. Demonstrate basic knowledge of Armenian writers of the 19th century to the early 21st century.
4. Demonstrate critical thinking and writing skills in literary criticism.

PROGRAM REQUIREMENTS

Requirements for the Armenian Language and Literature certificate of achievement may be met by completing 10 units of Armenian language courses and 6 units of Armenian literature courses.

REQUIRED COURSES (16 UNITS)

ARMEN 001	ELEMENTARY ARMENIAN I	.5
ARMEN 002	ELEMENTARY ARMENIAN II	.5
OR		
ARMEN 035	ARMENIAN FOR ARMENIAN SPEAKERS I	.5
ARMEN 036	ARMENIAN FOR ARMENIAN SPEAKERS II	.5
ARMEN 011	19TH AND 20TH CENTURY ARMENIAN LITERATURE	.3
ARMEN 012	20TH AND 21TH CENTURY ARMENIAN LITERATURE	.3

CHINESE

OVERVIEW

China is one of the world's oldest and richest continuous cultures. Its history stretches back before 2000 BC and it is the most populous nation in the world. One fifth of the planet speaks Chinese and Mandarin Chinese is the most widely spoken first language in the world. In addition to the People's Republic of China and Taiwan, Mandarin Chinese is also spoken in the important and influential Chinese communities of Indonesia, Thailand, Malaysia, Singapore, Brunei, the Philippines, and Mongolia. China is the second largest economy in the world and is one of largest trading partners of the United States. Many U.S. companies do business in China and have long-term investments there.

PROGRAMS OFFERED

AWARD	AWARD TYPE	ACADEMIC PLAN	MAJOR UNITS	FA*
Chinese	AA	C002745C	22-26	Y
Chinese Language and Civilization - Elementary Level	C	C040886D	16	Y
Chinese Language and Civilization - Intermediate Level	C	C040887D	16	Y
*FA = Financial Aid Eligible. Yes = Eligible for all aid. No = Ineligible for Federal Pell and Cal Grant, FSEOG, Federal Work-Study, and Federal Loans. Please consult with Financial Aid Office on award eligibility.				

Chinese

Associate of Arts (AA) Degree

Major Units: 22-26   Total Units: Minimum of 60
(State Code: 02745: TOP Code: 110700; Academic Plan: C002745C)

The Chinese Associate of Arts degree is designed to prepare students to transfer to a university with a major in Chinese, Asian studies, or linguistics. Students develop competency in listening, comprehension, conversation, reading, writing, and culture, which will benefit them in a wide variety of career paths and professional advancement.

PROGRAM STUDENT LEARNING OUTCOMES

1. Speak at the ACTFL (American Council on the Teaching of Foreign Languages) Proficiency Intermediate High Level.
2. Write at the ACTFL Intermediate High Level.
3. Listen and comprehend spoken discourse at the ACTFL Proficiency Intermediate High Level.

4. Read and comprehend written discourse at the ACTFL Intermediate High Level.
5. Explain and analyze more complex aspects of culture at the ACTFL Intermediate Range.

PROGRAM REQUIREMENTS

Requirements for the Chinese Associate of Arts degree may be met by completing: (a) 16 units of major core courses and 6-10 units of major elective courses with a grade of "C" or better; (b) all general education requirements (English and Math must be completed with a grade of "C" or better); (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken at LACCD.

MAJOR CORE COURSES (16 UNITS)

CHINESE 003*	INTERMEDIATE CHINESE I	.5
CHINESE 004	INTERMEDIATE CHINESE II	.5
CHINESE 007	CONVERSATIONAL CHINESE	.3
CHINESE 010	CHINESE CIVILIZATION	.3

MAJOR ELECTIVE COURSES: SELECT THREE (6-10 UNITS)

CHINESE 001*	ELEMENTARY CHINESE I	.5
CHINESE 002*	ELEMENTARY CHINESE II	.5
ART HIST 130	SURVEY OF ASIAN ART HISTORY	.3
JAPANESE 009	JAPANESE CIVILIZATION	.3
KOREAN 010	KOREAN CIVILIZATION	.3
LING 001	INTRODUCTION TO LANGUAGE AND LINGUISTICS	.3
PHILOS 030	ASIAN PHILOSOPHY	.3

CHINESE 001 and 002 are prerequisites to CHINESE 003.

Chinese Language and Civilization - Elementary Level

Certificate of Achievement

Major Units: 16
(State Code: 40886; TOP Code: 110700; Academic Plan: C040886D)

The Chinese Language and Civilization – Elementary Level certificate of achievement gives students the opportunity to document their skills in the Chinese language and the knowledge of Chinese culture. The certificate of achievement is evidence of the student's academic persistence and achievement in the language and cultural studies for employment, and professional advancement.

PROGRAM STUDENT LEARNING OUTCOMES

1. Speak Chinese at the ACTFL (American Council on the Teaching of Foreign Languages) Proficiency Novice High Level.
2. Write Chinese at the ACTFL Proficiency Novice High Level.
3. Listen and comprehend spoken Chinese discourse at the ACTFL Proficiency Novice High Level.
4. Read and comprehend written Chinese discourse at the ACTFL Proficiency Novice High Level.
5. Define fundamental aspects of Chinese culture at the ACTFL Novice Level.

PROGRAM REQUIREMENTS

Requirements for the Chinese Language and Civilization - Elementary Level certificate of achievement may be met by completing 16 units of required courses with a grade of "C" or better.

REQUIRED COURSES (16 UNITS)

CHINESE 001	ELEMENTARY CHINESE I	.5
CHINESE 002	ELEMENTARY CHINESE II	.5
CHINESE 007	CONVERSATIONAL CHINESE	.3
CHINESE 010	CHINESE CIVILIZATION	.3

Chinese Language and Civilization - Intermediate Level

Certificate of Achievement

Major Units: 16

(State Code: 40887; TOP Code: 110700; Academic Plan: C040887D)

The Chinese Language and Civilization – Intermediate Level certificate of achievement gives students the opportunity to document their skills in the Chinese language and the knowledge of Chinese culture. The certificate of achievement is evidence of the student's academic persistence and achievement in the language and cultural studies for employment, and professional advancement.

PROGRAM STUDENT LEARNING OUTCOMES

1. Speak Chinese at the ACTFL (American Council on the Teaching of Foreign Languages) Proficiency Intermediate High Level.
2. Write Chinese at the ACTFL Proficiency Intermediate High Level.
3. Listen and comprehend spoken Chinese discourse at the ACTFL Proficiency Intermediate High Level.
4. Read and comprehend written Chinese discourse at the ACTFL Proficiency Intermediate High Level.
5. Define fundamental aspects of Chinese culture at the ACTFL Intermediate Range.

PROGRAM REQUIREMENTS

Requirements for the Chinese Language and Civilization - Intermediate Level certificate of achievement may be met by completing 16 units of required courses with a grade of "C" or better.

REQUIRED COURSES (16 UNITS)

CHINESE 003	INTERMEDIATE CHINESE I	.5
CHINESE 004	INTERMEDIATE CHINESE II	.5
CHINESE 007	CONVERSATIONAL CHINESE	.3
CHINESE 010	CHINESE CIVILIZATION	.3

FRENCH

OVERVIEW

French is spoken on all continents and is predicted to become the most widely spoken language in the world within 50 years due to the economic and population growth in Africa. French literature, movies, and music are much better enjoyed in the original language. France has won 15 Nobel Prizes in literature, more than the United States. Already a fluent Spanish speaker? Studying French will be fairly easy and will turn you into a trilingual person and a true global citizen.

PROGRAMS OFFERED

AWARD	AWARD TYPE	ACADEMIC PLAN	MAJOR UNITS	FA*
French	AA	C002741C	22-26	Y
French Language and Civilization - Elementary Level	C	C040888D	16	Y
French Language and Civilization - Intermediate Level	C	C040889D	16	Y

*FA = Financial Aid Eligible. Yes = Eligible for all aid.
No = Ineligible for Federal Pell and Cal Grant, FSEOG, Federal Work-Study, and Federal Loans.
Please consult with Financial Aid Office on award eligibility.

French

Associate of Arts (AA) Degree

Major Units: 22-26   Total Units: Minimum of 60
(State Code: 02741; TOP Code: 110200; Academic Plan: C002741C)

The Associate of Arts Degree in French prepares students to transfer to a university with a major in French, Romance languages, or linguistics. Students develop competency in listening, comprehension, conversation, reading, writing, and culture that will benefit them in a wide variety of career paths and professional advancement.

PROGRAM STUDENT LEARNING OUTCOMES

1. Speak at the ACTFL (American Council on the Teaching of Foreign Languages) Proficiency Intermediate High Level.
2. Write at the ACTFL Intermediate High Level.
3. Listen and comprehend spoken discourse at the ACTFL Proficiency Intermediate High Level.
4. Read and comprehend written discourse at the ACTFL Intermediate High Level.
5. Explain and analyze more complex aspects of culture at the ACTFL Intermediate Range.

PROGRAM REQUIREMENTS

Requirements for the French Associate of Arts degree may be met by completing: (a) 16 units of major core courses and 6-10 units of major elective courses with a grade of "C" or better; (b) all general education requirements (English and Math must be completed with a grade of "C" or better); (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken at LACCD.

REQUIRED COURSES (16 UNITS)

FRENCH 003*	INTERMEDIATE FRENCH I	.5
FRENCH 004	INTERMEDIATE FRENCH II.	.5
FRENCH 007	CONVERSATIONAL FRENCH	.3
FRENCH 010	FRENCH CIVILIZATION	.3

ELECTIVE COURSES (SELECT 6-10 UNITS)

FRENCH 001*	ELEMENTARY FRENCH I	.5
FRENCH 002*	ELEMENTARY FRENCH II	.5
ARTHIST 120	SURVEY OF WESTERN ART HISTORY II.	.3
LING 001	INTRODUCTION TO LANGUAGE AND LINGUISTICS	.3
PHILOS 014	HISTORY OF MODERN EUROPEAN PHILOSOPHY	.3

FRENCH 001 and 002 are prerequisites to FRENCH 003.

French Language and Civilization - Elementary Level

Certificate of Achievement

Major Units: 16
(State Code: 40888; TOP Code: 110200; Academic Plan: C040888D)

The French Language and Civilization – Elementary Level certificate of achievement gives students the opportunity to document their skills in the French language and the knowledge of French culture. The certificate of achievement is evidence of the student's academic persistence and achievement in the language and cultural studies for employment, and professional advancement.

PROGRAM STUDENT LEARNING OUTCOMES

1. Speak French at the ACTFL (American Council on the Teaching of Foreign Languages) Proficiency Novice High Level.
2. Write French at the ACTFL Proficiency Novice High Level.
3. Listen and comprehend spoken French discourse at the ACTFL Proficiency Novice High Level.
4. Read and comprehend written French discourse at the ACTFL Proficiency Novice High Level.
5. Define fundamental aspects of French culture at the ACTFL Novice Level.

PROGRAM REQUIREMENTS

Requirements for the French Language and Civilization - Elementary Level certificate of achievement may be met by completing 16 units of required courses with a grade of "C" or better.

REQUIRED COURSES (16 UNITS)

FRENCH 001	ELEMENTARY FRENCH I	.5
FRENCH 002	ELEMENTARY FRENCH II	.5
FRENCH 007	CONVERSATIONAL FRENCH	.3
FRENCH 010	FRENCH CIVILIZATION	.3

French Language and Civilization - Intermediate Level

Certificate of Achievement

Major Units: 16
(State Code: 40889; TOP Code: 110200; Academic Plan: C040889D)

The French Language and Civilization – Intermediate Level certificate of achievement gives students the opportunity to document their skills in the French language and the knowledge of French culture. The certificate of achievement is evidence of the student's academic persistence and achievement in the language and cultural studies for employment, and professional advancement.

PROGRAM STUDENT LEARNING OUTCOMES

1. Speak French at the ACTFL (American Council on the Teaching of Foreign Languages) Proficiency Intermediate High Level.
2. Write French at the ACTFL Proficiency Intermediate High Level.
3. Listen and comprehend spoken French discourse at the ACTFL Proficiency Intermediate High Level.
4. Read and comprehend written French discourse at the ACTFL Proficiency Intermediate High Level.
5. Define fundamental aspects of French culture at the ACTFL Intermediate Range.

PROGRAM REQUIREMENTS

Requirements for the French Language and Civilization - Intermediate Level certificate of achievement may be met by completing 16 units of required courses with a grade of "C" or better.

REQUIRED COURSES (16 UNITS)

FRENCH 003	INTERMEDIATE FRENCH I	.5
FRENCH 004	INTERMEDIATE FRENCH II.	.5
FRENCH 007	CONVERSATIONAL FRENCH	.3
FRENCH 010	FRENCH CIVILIZATION	.3

JAPANESE

OVERVIEW

Japan is a prosperous country and has the most diverse economy in Asia. With a GDP of $4.9 trillion in 2017, Japan's economy is exceeded by only the US and China. The leading Japanese companies are among the largest, most efficiently run, and most well-known firms in the world. Familiar names like Sony, Toshiba, Sanyo, Casio, Canon, Minolta, Honda, Toyota, Mitsubishi, and many others have entered the world market in a variety of sectors. Whether you are in the field of business, engineering, manufacturing, research, economics, or politics, chances are you will be competing with, if not working for, a Japanese entity. From anime to sushi bars, karaoke to manga, bonsai to origami, Japanese culture has become part of international culture. A knowledge of the language will give you direct access to Japanese film, animations, and comic books, and develop your ability to order sashimi like a native at your favorite Japanese restaurant.

PROGRAMS OFFERED

AWARD	AWARD TYPE	ACADEMIC PLAN	MAJOR UNITS	FA*
Japanese	AA	C002746C	19-29	Y
Japanese Language and Civilization - Elementary Level	C	C035344D	16	Y
Japanese Language and Civilization - Intermediate Level	C	C035339D	16	Y
*FA = Financial Aid Eligible. Yes = Eligible for all aid.				
No = Ineligible for Federal Pell and Cal Grant, FSEOG, Federal Work-Study, and Federal Loans. Please consult with Financial Aid Office on award eligibility.				

Japanese

Associate of Arts (AA) Degree

Major Units: 19-29   Total Units: Minimum of 60
(State Code: 02746;TOP Code: 110800; Academic Plan: C002746C)

The Japanese Associate of Arts degree is designed to prepare students to transfer to a university with a major in Japanese, Asian studies, or linguistics. Students develop competency in listening, comprehension, conversation, reading, writing, and culture which will benefit them in a wide variety of career paths and professional advancement.

PROGRAM STUDENT LEARNING OUTCOMES

1. Speak at the ACTFL (American Council on the Teaching of Foreign Languages) Proficiency Intermediate High Level.
2. Write at the ACTFL Intermediate High Level.
3. Listen and comprehend spoken discourse at the ACTFL Proficiency Intermediate High Level.
4. Read and comprehend written discourse at the ACTFL Intermediate High Level.
5. Explain and analyze more complex aspects of culture at the ACTFL Intermediate Range.

PROGRAM REQUIREMENTS

Requirements for the Japanese Associate of Arts degree may be met by completing: (a) 19 units of major core courses and 10 units of major elective courses with a grade of "C" or better; (b) all general education requirements (English and Math must be completed with a grade of "C" or better); (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken at LACCD.

MAJOR CORE COURSES (19 UNITS)

JAPAN 003*	INTERMEDIATE JAPANESE I	.5
JAPAN 004	INTERMEDIATE JAPANESE II	.5
JAPAN 007	CONVERSATIONAL JAPANESE	.3
JAPAN 009	JAPANESE CIVILIZATION	.3
JAPAN 014	JAPANESE POPULAR CULTURE	.3

MAJOR ELECTIVE COURSES (SELECT 10 UNITS)

JAPAN 001*	ELEMENTARY JAPANESE I	.5
JAPAN 002*	ELEMENTARY JAPANESE II	.5

*JAPAN 001 and 002 are prerequisites to JAPAN 003.

Japanese Language and Civilization - Elementary Level

Certificate of Achievement

Major Units: 16
(State Code: 35344;TOP Code: 110800; Academic Plan: C035344D)

The Japanese Language and Civilization: Elementary Level certificate of achievement gives students the opportunity to document their skills in the Japanese language and the knowledge of Japanese culture. The certificate of achievement is evidence of the student's academic persistence and achievement in the language and cultural studies for employment, and professional advancement.

PROGRAM STUDENT LEARNING OUTCOMES

1. Speak at the ACTFL (American Council on the Teaching of Foreign Languages) Proficiency Novice High Level.
2. Write at the ACTFL Proficiency Novice High Level.
3. Listen and comprehend spoken discourse at the ACTFL Proficiency Novice High Level.
4. Read and comprehend written discourse at the ACTFL Proficiency Novice High Level.
5. Define fundamental aspects of Japanese culture at the ACTFL Novice Level.

PROGRAM REQUIREMENTS

Requirements for the Japanese Language and Civilization - Elementary Level certificate of achievement may be met by completing 16 units of required courses with a grade of "C" or better.

REQUIRED COURSES (16 UNITS)

JAPAN 001	ELEMENTARY JAPANESE I	.5
JAPAN 002	ELEMENTARY JAPANESE II	.5
JAPAN 007	CONVERSATIONAL JAPANESE	.3
JAPAN 009	JAPANESE CIVILIZATION	.3

Japanese Language and Civilization - Intermediate Level

Certificate of Achievement

Major Units: 16
(State Code: 35339; TOP Code: 110800; Academic Plan: C035339D)

The Japanese Language and Civilization: Intermediate Level certificate of achievement gives students the opportunity to document their skills in the Japanese language and the knowledge of Japanese culture. The certificate of achievement is evidence of the student's academic persistence and achievement in the language and cultural studies for employment, and professional advancement.

PROGRAM STUDENT LEARNING OUTCOMES

1. Speak at the ACTFL (American Council on the Teaching of Foreign Languages) Proficiency Intermediate High Level.
2. Write at the ACTFL Proficiency Intermediate High Level.
3. Listen and comprehend spoken discourse at the ACTFL Proficiency Intermediate High Level.
4. Read and comprehend written discourse at the ACTFL Proficiency Intermediate High Level.
5. Define fundamental aspects of Japanese culture at the ACTFL Intermediate Range.

PROGRAM REQUIREMENTS

Requirements for the Japanese Language and Civilization - Intermediate Level certificate of achievement may be met by completing 16 units of required courses with a grade of "C" or better.

REQUIRED COURSES (16 UNITS)

JAPAN 003	INTERMEDIATE JAPANESE I	.5
JAPAN 004	INTERMEDIATE JAPANESE II	.5
JAPAN 007	CONVERSATIONAL JAPANESE	.3
JAPAN 014	JAPANESE POPULAR CULTURE	.3

KOREAN

OVERVIEW

South Korea's economy ranks Number 4 in Asia and Number 11 in the world. It is the world's leader in information technology and is an important player in engineering. South Korea's energy today is reflected in contemporary art, film, literature, music, and drama, as well as in its robust economy. The National Security Education Program considers Korean a language critical for U.S. national security and economic competitiveness. Korean is spoken by 78 million speakers as a first language, making Korean one of the most widely spoken languages in the world. Korean is spoken by 1 million people as a heritage language in the United States.

Korean language and civilization studies has a strong tradition at LACC due to the campus' location in Koreatown. It is the most extensive program of its kind at a two-year college in California. LACC is the first community college in the state to offer an Associate of Arts degree in Korean. We also offer two non-transferable certificates in Korean Language and Civilization (Elementary and Intermediate levels). Our programs are dedicated to providing Korean language and culture education to anyone who is interested.

PROGRAMS OFFERED

AWARD	AWARD TYPE	ACADEMIC PLAN	MAJOR UNITS	FA*
Korean	AA	C018809C	22-29	Y
Korean Language and Civilization - Elementary Level	C	C035340D	16	Y
Korean Language and Civilization - Intermediate Level	C	C035341D	16	Y
*FA = Financial Aid Eligible. Yes = Eligible for all aid. No = Ineligible for Federal Pell and Cal Grant, FSEOG, Federal Work-Study, and Federal Loans. Please consult with Financial Aid Office on award eligibility.				

Korean

Associate of Arts (AA) Degree

Major Units: 22-29   Total Units: Minimum of 60
(State Code: 18809; TOP Code: 111730; Academic Plan: C018809C)

The Korean Associate of Arts degree is designed to prepare students to transfer to a university with a major in Korean, Asian studies, or linguistics. Students develop competency in listening, comprehension, conversation, reading, writing, and culture which will benefit them in a wide variety of career paths and professional advancement.

PROGRAM STUDENT LEARNING OUTCOMES

1. Speak at the ACTFL (American Council on the Teaching of Foreign Languages) Proficiency Intermediate High Level.
2. Write at the ACTFL Intermediate High Level.
3. Listen and comprehend spoken discourse at the ACTFL Proficiency Intermediate High Level.
4. Read and comprehend written discourse at the ACTFL Intermediate High Level.
5. Explain and analyze more complex aspects of culture at the ACTFL Intermediate Range.

PROGRAM REQUIREMENTS

Requirements for the Korean Associate of Arts degree may be met by completing: (a) 16 units of major core courses and 6-10 units of major elective courses with a grade of "C" or better; (b) all general education requirements (English and Math must be completed with a grade of "C" or better); (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken at LACCD.

MAJOR CORE COURSES (16 UNITS)

KOREAN 003	INTERMEDIATE KOREAN I	.5
KOREAN 004	INTERMEDIATE KOREAN II	.5
KOREAN 007	CONVERSATIONAL KOREAN	.3
KOREAN 010	KOREAN CIVILIZATION	.3

MAJOR ELECTIVE COURSES (6-10 UNITS)**

KOREAN 001	ELEMENTARY KOREAN I	.5
KOREAN 002	ELEMENTARY KOREAN II	.5
KOREAN 013	KOREAN POPULAR CULTURE	.3
KOREAN 021	FUNDAMENTALS OF KOREAN I	.3
KOREAN 022	FUNDAMENTALS OF KOREAN II	.3
KOREAN 026	UNDERSTANDING KOREA THROUGH FILM	.3

**KOREAN 001 is a prerequisite to KOREAN 002, and KOREAN 002 is a prerequisite to KOREAN 003. Students who take either of these prerequisites should select one additional elective.

Students who begin with KOREAN 003 should select two additional electives.

Korean Language and Civilization - Elementary Level

Certificate of Achievement

Major Units: 16
(State Code: 35340; TOP Code: 111730; Academic Plan: C035340D)

The Korean Language and Civilization – Elementary Level certificate of achievement gives students the opportunity to document their skills in the Korean language and the knowledge of Korean culture. The certificate of achievement is evidence of the student's academic persistence and achievement in the language and cultural studies for employment, and professional advancement.

PROGRAM STUDENT LEARNING OUTCOMES

1. Speak at the ACTFL (American Council on the Teaching of Foreign Languages) Proficiency Novice High Level.
2. Write at the ACTFL Proficiency Novice High Level.
3. Listen and comprehend spoken discourse at the ACTFL Proficiency Novice High Level.
4. Read and comprehend written discourse at the ACTFL Proficiency Novice High Level.
5. Define fundamental aspects of Korean culture at the ACTFL Novice Level.

PROGRAM REQUIREMENTS

Requirements for the Korean Language and Civilization – Elementary Level certificate of achievement may be met by completing 16 units of required courses with a grade of "C" or better.

REQUIRED COURSES (16 UNITS)

KOREAN 001	ELEMENTARY KOREAN I	.5
KOREAN 002	ELEMENTARY KOREAN II	.5
KOREAN 007	CONVERSATIONAL KOREAN	.3
KOREAN 010	KOREAN CIVILIZATION	.3

Korean Language and Civilization - Intermediate Level

Certificate of Achievement

Major Units: 16
(State Code: 35341; TOP Code: 111730; Academic Plan: C035341D)

The Korean Language and Civilization – Intermediate Level certificate of achievement gives students the opportunity to document their skills in the Korean language and the knowledge of Korean culture. The certificate of achievement is evidence of the student's academic persistence and achievement in the language and cultural studies for employment, and professional advancement.

PROGRAM STUDENT LEARNING OUTCOMES

1. Speak at the ACTFL (American Council on the Teaching of Foreign Languages) Proficiency Intermediate High Level.
2. Write at the ACTFL Proficiency Intermediate High Level.
3. Listen and comprehend spoken discourse at the ACTFL Proficiency Intermediate High Level.
4. Read and comprehend written discourse at the ACTFL Proficiency Intermediate High Level.
5. Define fundamental aspects of Korean culture at the ACTFL Intermediate Range.

PROGRAM REQUIREMENTS

Requirements for the Korean Language and Civilization – Intermediate Level certificate of achievement may be met by completing 16 units of required courses with a grade of "C" or better.

REQUIRED COURSES (16 UNITS)

KOREAN 003	INTERMEDIATE KOREAN I	.5
KOREAN 004	INTERMEDIATE KOREAN II	.5
KOREAN 007	CONVERSATIONAL KOREAN	.3
KOREAN 010 OR	KOREAN CIVILIZATION	.3
KOREAN 013 OR	KOREAN POPULAR CULTURE	.3
KOREAN 026	UNDERSTANDING KOREA THROUGH FILM	.3

RUSSIAN

OVERVIEW

Russian is the eighth most spoken language on the planet, boasting 170 million native speakers worldwide. Proficiency in Russian opens doors to jobs in such government bodies as the State Department, the Commerce Department, the Justice Department, the Department of Defense, and various intelligence agencies. Unlimited commercial opportunities are emerging from an expanding Russian economy. Western firms which now do business in Russia, and newly established Russian firms that do business with the West (and indeed with everyone), have created myriad job opportunities for those with multiple language skills. Russia remains the lingua franca of a massive portion of Eurasia, so studying it opens you up to numerous NGOs, companies, and government bodies both in that region and at home.

PROGRAM OFFERED

AWARD	AWARD TYPE	ACADEMIC PLAN	MAJOR UNITS	FA*
Russian Language and Civilization - Elementary Level	C	C036347D	16	Y
Russian Language and Civilization - Intermediate Level	C	C036348D	16	Y
*FA = Financial Aid Eligible. Yes = Eligible for all aid. No = Ineligible for Federal Pell and Cal Grant, FSEOG, Federal Work-Study, and Federal Loans. Please consult with Financial Aid Office on award eligibility.				

Russian Language and Civilization - Elementary Level

Certificate of Achievement

Major Units: 16
(State Code: 36347; TOP Code: 110600; Academic Plan: C036347D)

The Russian Language and Civilization: Elementary Level certificate of achievement gives students the opportunity to document their skills in the Russian language and the knowledge of Russian culture. The certificate of achievement is evidence of the student's academic persistence and achievement in the language and cultural studies for employment, and professional advancement.

PROGRAM STUDENT LEARNING OUTCOMES

1. Speak at the ACTFL (American Council on the Teaching of Foreign Languages) Proficiency Novice High Level.
2. Write at the ACTFL Proficiency Novice High Level.
3. Listen and comprehend spoken discourse at the ACTFL Proficiency Novice High Level.
4. Read and comprehend written discourse at the ACTFL Proficiency Novice High Level.
5. Define fundamental aspects of Russian culture at the ACTFL Novice Range.

PROGRAM REQUIREMENTS

Requirements for the Russian Language and Civilization - Elementary Level certificate of achievement may be met by completing 16 units of required courses with a grade of "C" or better.

REQUIRED COURSES (16 UNITS)

RUSSIAN 001	ELEMENTARY RUSSIAN I	.5
RUSSIAN 002	ELEMENTARY RUSSIAN II	.5
RUSSIAN 007	CONVERSATIONAL RUSSIAN	.3
RUSSIAN 010	RUSSIAN CIVILIZATION	.3

Russian Language and Civilization - Intermediate Level

Certificate of Achievement

Major Units: 16
(State Code: 36348; TOP Code: 110600; Academic Plan: C036348D)

The Russian Language and Civilization: Intermediate Level certificate of achievement gives students the opportunity to document their skills in the Russian language and the knowledge of Russian culture. The certificate of achievement is evidence of the student's academic persistence and achievement in the language and cultural studies for employment, and professional advancement.

PROGRAM STUDENT LEARNING OUTCOMES

1. Speak at the ACTFL (American Council on the Teaching of Foreign Languages) Proficiency Intermediate High Level.
2. Write at the ACTFL Proficiency Intermediate High Level.
3. Listen and comprehend spoken discourse at the ACTFL Proficiency Intermediate High Level.
4. Read and comprehend written discourse at the ACTFL Proficiency Intermediate High Level.
5. Define fundamental aspects of Russian culture at the ACTFL Intermediate Range.

PROGRAM REQUIREMENTS

Requirements for the Russian Language and Civilization - Intermediate Level certificate of achievement may be met by completing 16 units of required courses with a grade of "C" or better.

REQUIRED COURSES (16 UNITS)

RUSSIAN 003	INTERMEDIATE RUSSIAN I	.5
RUSSIAN 004	INTERMEDIATE RUSSIAN II	.5
RUSSIAN 007	CONVERSATIONAL RUSSIAN	.3
RUSSIAN 010	RUSSIAN CIVILIZATION	.3

SPANISH

OVERVIEW

Spanish is the official language of 21 countries. It is the native language of over 400 million people. Spanish is the fastest growing language in the US, with over 40 million people who speak Spanish as their first language. Spanish is an official language of the E.U., UNESCO, U.N., GATT, ONUDI & U.I.T. and is one of the most important languages in international political meetings. There are more than 16,000 publications, 250 TV channels, and 5,000 radio stations in Spanish. Spanish is quickly becoming one of the most frequently used and important languages for business. Speaking Spanish opens you up to a variety of world cultures, from Spain to South America, Central America, and the Caribbean. When you visit a Spanish-speaking country, your experience will be inevitably enriched by communicating in the language of its people.

PROGRAMS OFFERED

AWARD	AWARD TYPE	ACADEMIC PLAN	MAJOR UNITS	FA*
Spanish	AA-T	C038385G	23	Y
Spanish	AA	C002744C	18-29	Y
Spanish Language and Civilization - Elementary Level	C	C035338D	16	Y
Spanish Language and Civilization - Intermediate Level	C	C035337D	16	Y
*FA = Financial Aid Eligible. Yes = Eligible for all aid. No = Ineligible for Federal Pell and Cal Grant, FSEOG, Federal Work-Study, and Federal Loans. Please consult with Financial Aid Office on award eligibility.				

Spanish

Associate in Arts (AA-T) Degree

Major Units: 23   Total Units: Minimum of 60
(State Code: 38385; TOP Code: 110500; Academic Plan: C038385G)

The Spanish AA-T curriculum is designed to provide an opportunity for the Spanish major to complete first and second year requirements for transfer to a four-year public California institution.

To earn the AA-T, students must meet the following requirements:

a. Completion of 60 semester units that are eligible for transfer to the California State University by completing the following:

- The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth (CSU GE-Breadth) requirements; and
- A minimum of 18 semester units in a major or area of emphasis, as approved by the CCC Chancellor's Office.

b. A minimum grade point average of 2.0 or higher. Students completing this degree will have satisfied the lower division major preparation and transfer requirements for priority admission consideration to a local CSU campus.

PROGRAM STUDENT LEARNING OUTCOMES

1. Speak at the ACTFL (American Council on the Teaching of Foreign Languages) Proficiency Intermediate High Level.
2. Write at the ACTFL Intermediate High Level.
3. Listen and comprehend spoken discourse at the ACTFL Proficiency Intermediate High Level.
4. Read and comprehend written discourse at the ACTFL Intermediate High Level.
5. Explain and analyze more complex aspects of culture at the ACTFL Intermediate Range.

PROGRAM REQUIREMENTS

Requirements for the Spanish Associate in Arts transfer degree may be met by completing: (a) 20 units of major core courses and 3 units from "List A" with a grade of "C" or better; (b) all CSU GE-Breadth requirements of which Subject Areas A1, A2, A3, and B4 (The "Golden Four") must be completed with a grade of "C-" or better; (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken at LACCD.

MAJOR CORE COURSES

OPTION 1 (16 UNITS):

SPANISH 001	ELEMENTARY SPANISH I	.5
SPANISH 002	ELEMENTARY SPANISH II	.5
SPANISH 003	INTERMEDIATE SPANISH I	.5
OR		
SPANISH 035	SPANISH FOR SPANISH SPEAKERS I	.5
SPANISH 004	INTERMEDIATE SPANISH II	.5
OR		
SPANISH 036	SPANISH FOR SPANISH SPEAKERS II	.5

OPTION 2 SUBSTITUTION COURSES (19 UNITS)*:

SPANISH 005	ADVANCED SPANISH I	.5
SPANISH 006	ADVANCED SPANISH THROUGH SPANISH LITERATURE	.5
SPANISH 011	GREAT BOOKS OF SPANISH LITERATURE	.3
SPANISH 015	GREAT BOOKS OF LATIN AMERICAN LITERATURE	.3

If a student places out of any core course and is not awarded units, the student will need to take additional courses required to reach at least 18 total units in the major (per Title V regulations). Course substitutions are made at the discretion of the college. Suggested substitutions include courses in List A. Additional suggested course substitutions are contained in the finalized Transfer Model Curriculum (TMC).

LIST A: SELECT ONE COURSE (3 UNITS)

SPANISH 009	CIVILIZATION OF SPAIN	.3
SPANISH 010	LATIN AMERICAN CIVILIZATION	.3
SPANISH 015	GREAT BOOKS OF LATIN AMERICAN LITERATURE	.3

Spanish

Associate of Arts (AA) Degree

Major Units: 18-29   Total Units: Minimum of 60
(State Code: 02744; TOP Code: 110500; Academic Plan: C002744C)

The Spanish Associate of Arts degree is designed to prepare students to transfer to a university with a major in Spanish, Romance languages, or linguistics. Students develop competency in listening, comprehension, conversation, reading, writing, and culture which will benefit them in a wide variety of career paths and professional advancement.

PROGRAM STUDENT LEARNING OUTCOMES

1. Speak at the ACTFL (American Council on the Teaching of Foreign Languages) Proficiency Intermediate High Level.
2. Write at the ACTFL Intermediate High Level.
3. Listen and comprehend spoken discourse at the ACTFL Proficiency Intermediate High Level.
4. Read and comprehend written discourse at the ACTFL Intermediate High Level.
5. Explain and analyze more complex aspects of culture at the ACTFL Intermediate Range.

PROGRAM REQUIREMENTS

Requirements for the Spanish Associate of Arts degree may be met by completing: (a) 14 units of major core courses and 4-15 units of major elective courses with a grade of "C" or better; (b) all general education requirements (English and Math must be completed with a grade of "C" or better); (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken at LACCD.

MAJOR CORE COURSES (14 UNITS)

SPANISH 004	INTERMEDIATE SPANISH II	5
SPANISH 007	CONVERSATIONAL SPANISH	3
SPANISH 009	CIVILIZATION OF SPAIN	3
SPANISH 010	LATIN AMERICAN CIVILIZATION	3

MAJOR ELECTIVE COURSES (SELECT 4-15 UNITS)

SPANISH 001*	ELEMENTARY SPANISH I	5
SPANISH 002*	ELEMENTARY SPANISH II	5
SPANISH 003*	INTERMEDIATE SPANISH I	5
SPANISH 011	GREAT BOOKS OF SPANISH LITERATURE	3
SPANISH 015	GREAT BOOKS OF LATIN AMERICAN LITERATURE	3
SPANISH 021	FUNDAMENTALS OF SPANISH I	3
SPANISH 022	FUNDAMENTALS OF SPANISH II	3
SPANISH 035	SPANISH FOR SPANISH SPEAKERS I	5
SPANISH 036	SPANISH FOR SPANISH SPEAKERS II	5
ARTHIST 151	INTRODUCTION TO LATIN AMERICAN ART	3
CHICANO 044	MEXICAN CIVILIZATION	3
DNCESPC 311	FLAMENCO AND SPANISH DANCE	1
LING 001	INTRODUCTION TO LANGUAGE AND LINGUISTICS	3

*SPANISH 001, 002, and 003 are prerequisites to SPANISH 004.

Spanish Language and Civilization - Elementary Level

Certificate of Achievement

Major Units: 16
(State Code: 35338: TOP Code: 110500; Academic Plan: C035338D)

The Spanish Language and Civilization: Elementary Level certificate of achievement gives students the opportunity to document their skills in the Spanish language and the knowledge of Spanish-speaking culture. The certificate of achievement is evidence of the student's academic persistence and achievement in the language and cultural studies for employment, and professional advancement.

PROGRAM STUDENT LEARNING OUTCOMES

1. Speak at the ACTFL (American Council on the Teaching of Foreign Languages) Proficiency Novice High Level.
2. Write at the ACTFL Proficiency Novice High Level.
3. Listen and comprehend spoken discourse at the ACTFL Proficiency Novice High Level.
4. Read and comprehend written discourse at the ACTFL Proficiency Novice High Level.
5. Define fundamental aspects of Spanish culture at the ACTFL Novice Range.

PROGRAM REQUIREMENTS

Requirements for the Spanish Language and Civilization - Elementary Level certificate of achievement may be met by completing 16 units of required courses with a grade of "C" or better.

REQUIRED COURSES (16 UNITS)

SPANISH 001	ELEMENTARY SPANISH I	5
SPANISH 002	ELEMENTARY SPANISH II	5
SPANISH 007	CONVERSATIONAL SPANISH	3
SPANISH 009	CIVILIZATION OF SPAIN	3
OR		
SPANISH 010	LATIN-AMERICAN CIVILIZATION	3

Spanish Language and Civilization - Intermediate Level

Certificate of Achievement

Major Units: 16
(State Code: 35337; TOP Code: 110500; Academic Plan: C035337D)

The Spanish Language and Civilization: Intermediate Level certificate of achievement gives students the opportunity to document their skills in the Spanish language and the knowledge of Spanish-speaking culture. The certificate of achievement is evidence of the student's academic persistence and achievement in the language and cultural studies for employment, and professional advancement.

PROGRAM STUDENT LEARNING OUTCOMES

1. Speak at the ACTFL (American Council on the Teaching of Foreign Languages) Proficiency Intermediate High Level.
2. Write at the ACTFL Proficiency Intermediate High Level.
3. Listen and comprehend spoken discourse at the ACTFL Proficiency Intermediate High Level.
4. Read and comprehend written discourse at the ACTFL Proficiency Intermediate High Level.
5. Define fundamental aspects of Spanish culture at the ACTFL Intermediate Range.

PROGRAM REQUIREMENTS

Requirements for the Spanish Language and Civilization - Intermediate Level certificate of achievement may be met by completing 16 units of required courses with a grade of "C" or better.

REQUIRED COURSES (16 UNITS)

SPANISH 003	INTERMEDIATE SPANISH I	5
SPANISH 004	INTERMEDIATE SPANISH II	5
SPANISH 007	CONVERSATIONAL SPANISH	3
SPANISH 009 OR	CIVILIZATION OF SPAIN	3
SPANISH 010	LATIN-AMERICAN CIVILIZATION	3

Philosophy

PHILOSOPHY

Chair: Julio Torres
For more information visit:
www.lacc.edu/academics/departments

OVERVIEW

Too often when we hear the word "philosophy," the thought of old statues and ancient writings comes to mind. In fact, philosophy is alive and well and critical to our everyday decision-making, as well as the decisions made by businesses, religious institutions, and governments around the globe. Additionally, examining the principles of philosophy helps one become a more ethical and organized thinker. These skills are critical for future managers. The logic skills gained can benefit everyone, especially aspiring lawyers who will need to present well-structured arguments. The Philosophy program empowers students to examine questions about ethics, reality, and knowledge that give them a deeper understanding of themselves and the world in which they live.

PROGRAM OFFERED

AWARD	AWARD TYPE	ACADEMIC PLAN	MAJOR UNITS	FA*
Philosophy	AA-T	C038857G	18	Y
*FA = Financial Aid Eligible. Yes = Eligible for all aid.				
No = Ineligible for Federal Pell and Cal Grant, FSEOG, Federal Work-Study, and Federal Loans.				
Please consult with Financial Aid Office on award eligibility.				

Philosophy

Associate in Arts (AA-T) Degree

Major Units: 18   Total Units: Minimum of 60
(State Code: 38857; TOP Code: 150900; Academic Plan: C038857G)

The Philosophy Associate in Arts transfer degree is designed to prepare the student for transfer to the California State University (CSU) system of higher education and is specifically intended to satisfy lower-division requirements for a baccalaureate degree in Philosophy. The knowledge and skills offered in this degree lead students to develop foundational knowledge in the field of philosophy.

To earn the AA-T, students must meet the following requirements:

a. Completion of 60 semester units that are eligible for transfer to the California State University by completing the following:

  • The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth (CSU GE-Breadth) requirements; and
  • A minimum of 18 semester units in a major or area of emphasis, as approved by the CCC Chancellor's Office.

b. A minimum grade point average of 2.0 or higher. Students completing this degree will have satisfied the lower division major preparation and transfer requirements for priority admission consideration to a local CSU campus.

PROGRAM STUDENT LEARNING OUTCOMES

1. Apply critical thinking skills through the analysis, evaluation and construction of both deductive and inductive arguments.
2. Evaluate the fundamental issues in key areas of philosophy, such as theory of knowledge, metaphysics, ethics, and aesthetics.
3. Demonstrate the ability to apply philosophical methods to historical and contemporary philosophical problems.
4. Express philosophical ideas and critically defend them in argument.

PROGRAM REQUIREMENTS

Requirements for the Philosophy Associate in Arts transfer degree may be met by completing: (a) 6 units of major core courses, 3 units from "List A," 6 units from "List B," and 3 units from "List C" with a grade of "C" or better; (b) all CSU GE-Breadth requirements of which Subject Areas A1, A2, A3, and B4 (The "Golden Four") must be completed with a grade of "C-" or better; (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken at LACCD.

MAJOR CORE COURSES (6 UNITS)

PHILOS 001	INTRODUCTION TO PHILOSOPHY	3
OR		
PHILOS 020	ETHICS	3
PHILOS 008	DEDUCTIVE LOGIC	3
OR		
PHILOS 009	SYMBOLIC LOGIC	3

LIST A: SELECT ONE COURSE (3 UNITS)

PHILOS 014	HISTORY OF MODERN EUROPEAN PHILOSOPHY	3
PHILOS 020	ETHICS	3

LIST B: SELECT TWO COURSES (6 UNITS)

PHILOS 030	ASIAN PHILOSOPHY	3
PHILOS 032	PHILOSOPHY OF RELIGION	3
PHILOS 040	INTRODUCTION TO THE PHILOSOPHY OF ART	3

OR ANY "LIST A" COURSE NOT ALREADY USED

LIST C: SELECT ONE COURSE (3 UNITS)

PHILOS 005	CRITICAL THINKING AND COMPOSITION	3
PHILOS 006	LOGIC IN PRACTICE	3

OR ANY "LIST A" OR "LIST B" COURSE NOT ALREADY USED

Psychology/Human Services

Department Chair: David Sedghi
For more information visit:
www.lacc.edu/academics/departments

PSYCHOLOGY/ HUMAN SERVICES

OVERVIEW

LACC's Psychology/Human Services programs can be completed in less than two years or at a slower pace to accommodate your work or other life obligations.

The Human Services program has been recognized as outstanding by the Los Angeles Community College District and by the California Community College Association for Occupational Education. The LACC Human Services certificate and degree programs prepare students for careers in counseling a variety of clients, including children, seniors, victims of violence, parolees, the mentally ill, and substance abusers. A career in human services is a career of making a difference for others while discovering more about yourself. Human services professionals help people turn their lives around and find new directions. Occupations include activity director, gang counseling, special education assistant, domestic violence counselor, senior & teen service providers, probation office assistant, activity director, disabled services, CalWORKS/GAIN program assistant, childcare worker, social worker assistant, mental health worker, and alcohol/drug abuse counselor.

PROGRAMS OFFERED

AWARD	AWARD TYPE	ACADEMIC PLAN	MAJOR UNITS	FA*
Psychology	AA-T	C032502G	18-21	Y
Social Work and Human Services	AA-T	C043211G	28-29	Y
Human Services: Addiction Studies	AA	C008246C	42	Y
Human Services: Generalist	AA	C002760C	30.5	Y
Human Services: Addiction Studies	C	C021629D	42	Y
Human Services: Generalist	C	C021628D	30.5	Y

*FA = Financial Aid Eligible. Yes = Eligible for all aid.
No = Ineligible for Federal Pell and Cal Grant, FSEOG, Federal Work-Study, and Federal Loans.
Please consult with Financial Aid Office on award eligibility.

Psychology

Associate in Arts (AA-T) Degree

Major Units: 18-21   Total Units: Minimum of 60
(State Code: 32502; TOP Code: 200100; Academic Plan: C032502G)

The Psychology Associate in Arts transfer degree is designed to assist students in the seamless transfer to the California State University (CSU) system for attainment of a baccalaureate degree in Psychology or a similar major. Upon completion of the AA-T in Psychology, students will demonstrate effective communication and counseling skills such as active listening, reflection, and asking Socratic open-ended questions; and summarize core principles in the foundational courses of psychology such as general psychology, social psychology, and personality. Psychology majors will acquire the ability to survey theories critically, research the major areas of psychology, use descriptive and inferential statistics, design and conduct research, and write reports using analysis, argumentation, and proper psychological style.

To earn the AA-T, students must meet the following requirements:

a. Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University by completing the following:

- The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth (CSU GE-Breadth) requirements; and

- A minimum of 18 semester units in a major or area of emphasis, as approved by the CCC Chancellor's Office.

b. Minimum grade of "C" (or "P") for each course in the major and minimum grade point average of 2.0 or higher. Students completing this degree will have satisfied the lower division major preparation and transfer requirements for priority admission consideration to a local CSU campus.

PROGRAM STUDENT LEARNING OUTCOMES

1. Acquire a knowledge base in psychology.
2. Learn scientific inquiry and critical thinking skills.
3. Demonstrate an understanding of ethical and social responsibility in a diverse world.
4. Learn to communicate orally and verbally.
5. Demonstrate professional development skills and behaviors.

PROGRAM REQUIREMENTS

Requirements for the Psychology Associate in Arts transfer degree may be met by completing: (a) 9-10 units of major core courses, 3 units from "List A," 3 units from "List B", and 3-5 units from "List C" with a grade of "C" or better; (b) all CSU GE-Breadth requirements of which Subject Areas A1, A2, A3, and B4 (The "Golden Four") must be completed with a grade of "C-" or better; (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken at LACCD.

MAJOR CORE COURSES (9-10 UNITS)

PSYCH 001	INTRODUCTORY PSYCHOLOGY	3
PSYCH 074	RESEARCH METHODS IN THE BEHAVIORAL SCIENCES	3
MATH 227 OR	STATISTICS	4
MATH 227S OR	STATISTICS WITH SUPPORT	4
SOC 125 OR	STATISTICS FOR THE SOCIAL SCIENCES	3
BUS 015 OR	BUSINESS STATISTICS	3
MATH 229	STATISTICS FOR DATA SCIENCE	4

LIST A (3 UNITS)

PSYCH 002	BIOLOGICAL PSYCHOLOGY	3

LIST B: SELECT ONE COURSE (3 UNITS)

PSYCH 013	SOCIAL PSYCHOLOGY	3
PSYCH 014	ABNORMAL PSYCHOLOGY	3
PSYCH 041	LIFE-SPAN PSYCHOLOGY: FROM INFANCY TO OLD AGE	3

LIST C: SELECT ONE COURSE (3 UNITS)

BIOLOGY 003	INTRODUCTION TO BIOLOGY	4
BIOLOGY 006	GENERAL BIOLOGY I	5
POL SCI 001	THE GOVERNMENT OF THE UNITED STATES	3
PSYCH 003	PERSONALITY AND SOCIAL DEVELOPMENT	3
PSYCH 043	PRINCIPLES OF GROUP DYNAMICS I	3
PSYCH 045	INTRODUCTION TO HUMAN SERVICES AND SOCIAL WORK	3
PSYCH 052	PSYCHOLOGICAL ASPECTS OF HUMAN SEXUALITY	3
PSYCH 066	INTRODUCTION TO CRITICAL THINKING	3
PSYCH 075 OR	HEALTH PSYCHOLOGY	3

ANY COURSE FROM "LIST B" NOT ALREADY COMPLETED

Social Work and Human Services
Associate in Arts (AA-T) Degree

Major Units: 28-29   Total Units: Minimum of 60
(State Code: 43211; TOP Code: 210400; Academic Plan: C043211G)

The Social Work and Human Services Associate in Arts Transfer degree is designed to prepare students for transfer into the CSU system to complete a baccalaureate degree in Social Work or a similar major. Upon completion of this degree, students will have a strong academic foundation in the field and be prepared for upper division baccalaureate study. Students who have completed the Social Work and Human Services will have satisfied the lower division requirements for transfer into Social Work or similar major for many campuses in the California State University system. This degree complies with the Student Transfer Achievement Reform Act (California Education Code 66746).

Students must complete the following Associate Degree for Transfer requirements:

1. Completion of 60 semester units (or 90 quarter units) that are eligible for transfer to the California State University, including both of the following:

   a. The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education - Breadth Requirements.

   b. A minimum of 18 semester units (or 27 quarter units) in a major or area of emphasis, as determined by the community college district.

2. Obtainment of a minimum grade point average of 2.0.
3. Obtainment of a grade of C or higher in each course in the Area of Emphasis, or with a P if the course was taken on a Pass/No Pass basis, and the P is equal to a C or higher (Title 5 §55063).

PROGRAM STUDENT LEARNING OUTCOMES

1. Apply knowledge of diversity and individual differences in specific social work scenarios.
2. Engage in evidence-based research-informed practices and apply these practices to their coursework.
3. Apply critical analysis of specific social work scenarios demonstrating knowledge of social work ethics, values, and frameworks.

PROGRAM REQUIREMENTS

Requirements for the Social Work and Human Services Associate in Arts transfer degree may be met by completing: (a) 22-23 units of major core courses and 6 units from "List A", with a grade of "C" or better; (b) all CSU GE-Breadth requirements of which Subject Areas A1, A2, A3, and B4 (The "Golden Four") must be completed with a grade of "C-" or better; (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken at LACCD.

MAJOR CORE COURSES (22-23 UNITS)

PSYCH 045	INTRODUCTION TO HUMAN SERVICES AND SOCIAL WORK	3
PSYCH 081	FIELD WORK I	3
SOC 001	INTRODUCTION TO SOCIOLOGY	3
PSYCH 001	INTRODUCTORY PSYCHOLOGY	3
MATH 227 OR	STATISTICS	4

MATH 227S	STATISTICS WITH SUPPORT	4
OR		
MATH 229	STATISTICS FOR DATA SCIENCE	4
OR		
BUS 015	BUSINESS STATISTICS	3
OR		
SOC 125	STATISTICS FOR THE SOCIAL SCIENCES	3
ANATOMY 001	INTRODUCTION TO HUMAN ANATOMY	4
OR		
PHYSIOL 001	INTRODUCTION TO HUMAN PHYSIOLOGY	
ECON 001	PRINCIPLES OF MICROECONOMICS	3
OR		
ECON 002	PRINCIPLES OF MACROECONOMICS	3

LIST A: SELECT TWO COURSES (6 UNITS)

ADM JUS 001	INTRODUCTION TO ADMINISTRATION OF JUSTICE	3
ANTHRO 102	HUMAN WAYS OF LIFE: CULTURAL ANTHROPOLOGY	3
CH DEV 001	CHILD GROWTH AND DEVELOPMENT	3
CH DEV 011	CHILD, FAMILY AND COMMUNITY	3
COMM 122	INTERCULTURAL COMMUNICATION	3
ENGLISH 103	COMPOSITION AND CRITICAL THINKING	3
HISTORY 011	POLITICAL AND SOCIAL HISTORY OF THE UNITED STATES TO 1877	3
HISTORY 012	POLITICAL AND SOCIAL HISTORY OF THE UNITED STATES FROM 1865	3
PSYCH 014	ABNORMAL PSYCHOLOGY	3
PSYCH 041	LIFE-SPAN PSYCHOLOGY: FROM INFANCY TO OLD AGE	3
HEALTH 051	DRUGS AND ALCOHOL IN SOCIETY	3
SOC 002	AMERICAN SOCIAL PROBLEMS	3
SOC 011	RACE AND ETHNIC RELATIONS	3
ADDICST 001	UNDERSTANDING ADDICTION AND COUNSELING	3
OR		
ADDICST 004	CLINICAL COUNSELING LAWS AND ETHICS	3
OR		
ADDICST 007	ADDICTION TREATMENT AND RECOVERY	3
OR		
ADDICST 022	PREVENTION SPECIALIST TRAINING	3
OR		
ADDICST 063	PREVENTION AND EDUCATION	3
OR		
ADDICST 067	COUNSELING TECHNIQUES FOR THE CHEMICALLY ADDICTED	3
OR		
ADDICST 084	FIELD WORK PRACTICUM	3

Human Services: Addiction Studies

Associate of Arts (AA) Degree

Major Units: 42   Total Units: Minimum of 60
(State Code: 08246; TOP Code: 210440; Academic Plan: C008246C)

Students in the Human Services: Addiction Studies program are academically prepared to demonstrate counseling's 12 core functions including, screening intake, assessment, treatment planning, counseling, case management, crisis management, client education, referral, report and record keeping, and consultation with other professionals. Students are also academically prepared in basic psychology courses such as Introductory Psychology, Personality and Social Development, and Abnormal Psychology. The third aspect of the core courses is a three semester rotation through community-based drug and alcohol Field Work courses, coordinated and taught by a faculty member, in cooperation with facilities in the community. These fieldwork courses are related to the student's special interest in addiction studies counseling career. Other possible careers include Community and Social Service Specialist, Community Health Worker, and Social and Human Service Assistant. Completion of the AA degree allows students to transfer into baccalaureate programs in Human Services or Psychology.

PROGRAM STUDENT LEARNING OUTCOMES

1. Demonstrate effective communication and counseling skills such as active listening, reflection, and asking Socratic open-ended questions.
2. Summarize knowledge in drug prevention and education, counseling techniques for the chemically addicted and biological psychology of chemical dependency.
3. Demonstrate counseling's 12 core functions including, screening intake, assessment, treatment planning, counseling, case management, crisis management, client education, referral, report and record keeping, and consultation with other professionals in the field of Addiction Studies.

PROGRAM REQUIREMENTS

Requirements for the Human Services: Addiction Studies Associate of Arts degree may be met by completing: (a) 42 units of major core courses with a grade of "C" or better; (b) all general education requirements (English and Math must be completed with a grade of "C" or better); (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken at LACCD.

MAJOR CORE COURSES (42 UNITS)

ADDICST 001	UNDERSTANDING ADDICTION AND COUNSELING	3
ADDICST 004	CLINICAL COUNSELING LAWS AND ETHICS	3
ADDICST 007	ADDICTION TREATMENT AND RECOVERY	3
ADDICST 022	PREVENTION SPECIALIST TRAINING	3
ADDICST 067	COUNSELING FOR CHEMICALLY ADDICTED	3
ADDICST 084	FIELD WORK PRACTICUM	3
ADDICST 085	ADVANCED FIELD WORK PRACTICUM	3
ADDICST 086	ADVANCED FIELD WORK PRACTICUM III	3
PSYCH 001	INTRODUCTORY PSYCHOLOGY	3
PSYCH 003	PERSONALITY AND SOCIAL DEVELOPMENT	3
PSYCH 014	ABNORMAL PSYCHOLOGY	3
PSYCH 043	PRINCIPLES OF GROUP DYNAMICS I	3
PSYCH 045	INTRODUCTION TO HUMAN SERVICES AND SOCIAL WORK	3
PSYCH 068	BIOLOGICAL PSYCHOLOGY OF CHEMICAL DEPENDENCY: DRUGS, BEHAVIOR & HEALTH	3

Human Services: Generalist
Associate of Arts (AA) Degree

Major Units: 30.5   Total Units: Minimum of 60
(State Code: 02760; TOP Code: 210400; Academic Plan: C002760C)

Students in the Human Services: Generalist degree program study three core areas. Academic preparation is offered in basic psychology courses such as Introductory Psychology, Personality and Social Development, and Abnormal Psychology. Another portion of the core classes concentrates on important communication skills and self-awareness through participating in group dynamics courses, which are conducted as laboratory workshops for the purpose of engaging in and learning about the group process. The third aspect of the core courses is a three-semester rotation through fieldwork courses, coordinated and taught by a faculty member, in cooperation with facilities in the community. These fieldwork courses are related to the student's special interests and the population with whom they expect to work in the future.

PROGRAM STUDENT LEARNING OUTCOMES

1. Demonstrate effective communication and counseling skills such as active listening, reflection, and asking Socratic open-ended questions.
2. Summarize core principles in the foundational courses of psychology such as General Psychology, Developmental Psychology, Social Psychology, and Personality.
3. Demonstrate counseling's 12 core functions including screening intake, assessment, treatment planning, counseling, case management, crisis management, client education, referral, report and record keeping, and consultation with other professionals in the field of Human Services.
4. Evaluate community-based human resources organizations.

PROGRAM REQUIREMENTS

Requirements for the Human Services: Generalist Associate of Arts degree may be met by completing: (a) 30.5 units of major core courses with a grade of "C" or better; (b) all general education requirements (English and Math must be completed with a grade of "C" or better); (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken at LACCD.

MAJOR CORE COURSES (30.5 UNITS)

PSYCH 001	INTRODUCTORY PSYCHOLOGY	3
PSYCH 003	PERSONALITY AND SOCIAL DEVELOPMENT	3
PSYCH 014	ABNORMAL PSYCHOLOGY	3
PSYCH 041	LIFE-SPAN PSYCHOLOGY: FROM INFANCY TO OLD AGE	3
PSYCH 043	PRINCIPLES OF GROUP DYNAMICS I	3
PSYCH 045	INTRODUCTION TO HUMAN SERVICES AND SOCIAL WORK	3
PSYCH 081	FIELD WORK I	3
PSYCH 082	FIELD WORK II	3
ADDICST 001	UNDERSTANDING ADDICTION AND COUNSELING	3
ADDICST 004	CLINICAL COUNSELING LAWS AND ETHICS	3
HEALTH 060	ADULT MENTAL HEALTH FIRST AID CERTIFICATION	0.5

Human Services: Addiction Studies
Certificate of Achievement

Major Units: 42
(State Code: 21629; TOP Code: 210440; Academic Plan: C021629D)

Students in the Human Services: Addiction Studies program are academically prepared to demonstrate counseling's 12 core functions including, screening intake, assessment, treatment planning, counseling, case management, crisis management, client education, referral, report and record keeping, and consultation with other professionals. Students are also academically prepared in basic psychology courses such as Introductory Psychology, Personality and Social Development, and Abnormal Psychology. The third aspect of the core courses is rotation through community based drug and alcohol Field Work courses, coordinated and taught by a faculty member, in cooperation with facilities in the community. These fieldwork courses are related to the student's special interests in the addiction studies counseling career. Other possible careers include Community and Social Service Specialist, Community Health Worker, and Social and Human Service Assistant.

PROGRAM STUDENT LEARNING OUTCOMES

1. Demonstrate effective communication skills such as active listening, reflection, and asking Socratic open-ended questions.
2. Summarize knowledge in drug prevention and education, counseling techniques for the chemically addicted and biological psychology of chemical dependency.
3. Demonstrate competency in the 12 core functions including screening intake, assessment, treatment planning, counseling, case management, crisis management, client education, referral, report and record keeping, and consultation with other professionals in the field of Addiction Studies.

PROGRAM REQUIREMENTS

Requirements for the Human Services: Addiction Studies certificate of achievement may be met by completing 42 units of required courses with a grade of "C" or better.

REQUIRED COURSES (42 UNITS)

ADDICST 001	UNDERSTANDING ADDICTION AND COUNSELING	3
ADDICST 004	CLINICAL COUNSELING LAWS AND ETHICS	3
ADDICST 007	ADDICTION TREATMENT AND RECOVERY	3
ADDICST 022	PREVENTION SPECIALIST TRAINING	3
ADDICST 067	COUNSELING FOR CHEMICALLY ADDICTED	3
ADDICST 084	FIELD WORK PRACTICUM	3
ADDICST 085	ADVANCED FIELD WORK PRACTICUM	3
ADDICST 086	ADVANCED FIELD WORK PRACTICUM (III)	3
PSYCH 001	INTRODUCTORY PSYCHOLOGY	3
PSYCH 003	PERSONALITY AND SOCIAL DEVELOPMENT	3
PSYCH 014	ABNORMAL PSYCHOLOGY	3
PSYCH 043	PRINCIPLES OF GROUP DYNAMICS I	3
PSYCH 045	INTRODUCTION TO HUMAN SERVICES AND SOCIAL WORK	3
PSYCH 068	BIOLOGICAL PSYCHOLOGY OF CHEMICAL DEPENDENCY: DRUGS, BEHAVIOR & HEALTH	3

Human Services: Generalist

Certificate of Achievement

Major Units: 30.5
(State Code: 21628; TOP Code: 210400; Academic Plan: C021628D)

Students in the Human Services: Generalist program are academically prepared in basic psychology courses such as Introductory Psychology, Personality and Social Development, and Abnormal Psychology. Another part of the core classes concentrates on important communication skills and self-awareness through participating in Group Dynamics courses, which are conducted as laboratory workshops for the purpose of engaging in and learning about the group process. The third aspect of the core courses is a three-semester rotation through Field Work courses, coordinated and taught by a faculty member, in cooperation with facilities in the community. These fieldwork courses are related to the student's special interests and the population with whom they expect to work in the future. Additional possible careers include community and social service specialist, social and human service assistant, community outreach worker, family services advocate, child welfare specialist, and geriatric social worker assistant.

PROGRAM STUDENT LEARNING OUTCOMES

1. Demonstrate effective communication skills such as active listening, reflection, and asking Socratic open-ended questions.
2. Demonstrate competency in foundational courses, including General Psychology, Developmental Psychology, Social Psychology and Personality.
3. Demonstrate competency in the 12 core functions including screening intake, assessment, treatment planning, counseling, case management, crisis management, client education, referral, report and record keeping, and consultation with other professionals in the field of Human Services.

PROGRAM REQUIREMENTS

Requirements for the Human Services: Generalist certificate of achievement may be met by completing 30.5 units of required courses with a grade of "C" or better.

REQUIRED COURSES (30.5 UNITS)

ADDICST 001	UNDERSTANDING ADDICTION AND COUNSELING	3
ADDICST 004	CLINICAL COUNSELING LAWS AND ETHICS	3
PSYCH 001	INTRODUCTORY PSYCHOLOGY	3
PSYCH 003	PERSONALITY AND SOCIAL DEVELOPMENT	3
PSYCH 014	ABNORMAL PSYCHOLOGY	3
PSYCH 041	LIFE-SPAN PSYCHOLOGY: FROM INFANCY TO OLD AGE	3
PSYCH 043	PRINCIPLES OF GROUP DYNAMICS I	3
PSYCH 045	INTRODUCTION TO HUMAN SERVICES AND SOCIAL WORK	3
PSYCH 081	FIELD WORK I	3
PSYCH 082	FIELD WORK II	3
HEALTH 60	ADULT MENTAL HEALTH FIRST AID CERTIFICATION	0.5

Social Sciences

Department Chair: Carlos Guerrero
For more information visit:
www.lacc.edu/academics/departments

AFRICAN AMERICAN STUDIES

PROGRAM OFFERED

AWARD	AWARD TYPE	ACADEMIC PLAN	MAJOR UNITS	FA*
African-American Studies	CS	C220302J	15	N

*FA = Financial Aid Eligible. Yes = Eligible for all aid.
No = Ineligible for Federal Pell and Cal Grant, FSEOG, Federal Work-Study, and Federal Loans.
Please consult with Financial Aid Office on award eligibility.

African-American Studies

Skills Certificate

Major Units: 15
(TOP Code: 220300; Academic Plan: C220302J)

The African-American Studies skills certificate is designed to recognize students' proficiency in understanding central questions regarding the culture and history of ethnic and minority groups in the United States, with emphasis on people of African descent. The certificate helps demonstrate students' understanding of diversity in various aspects of society, including the workplace.

PROGRAM STUDENT LEARNING OUTCOMES

1. Describe the experiences of African Americans in the American and African diaspora, including their cultures, histories, and politics.
2. Apply data to understand the impact of societal, economic, and political factors on the life chances of people of African descent.
3. Examine the global linkages between African Americans and people of African descent throughout the world.

PROGRAM REQUIREMENTS

Requirements for the African-American Studies skills certificate may be met by completing 15 units of required courses with a grade of "C" or better.

REQUIRED COURSES (15 UNITS)

AFRO AM 004	THE AFRICAN AMERICAN IN THE HISTORY OF THE U.S. I	3
OR		
AFRO AM 005	THE AFRICAN AMERICAN IN THE HISTORY OF THE U.S. II	3
AFRO AM 007	BLACK AMERICANS AND THE POLITICAL SYSTEM	3
AFRO AM 020	AFRICAN-AMERICAN LITERATURE I	3
ANTHRO 102	HUMAN WAYS OF LIFE: CULTURAL ANTHROPOLOGY	3
MUSIC 141	JAZZ APPRECIATION	3

POLITICAL SCIENCE

OVERVIEW

When you study Political Science, you will learn about how political power is distributed, how different governments operate and interact, and how rules are made and enforced. You will explore both the "who" of politics (such as politicians, international organizations, and the public) and the "how" (such as elections, political institutions, and public administration). Politics affects virtually every aspect of our lives, including the availability of education, jobs, housing, and healthcare. Whether countries are at war or at peace depends both on what governments do and who supports them. Studying political science can open up a wide range of job opportunities in the public, private, and not-for-profit private sectors. Students interested in careers in business, education, law, journalism, communications, government, or politics more generally will obtain vital knowledge and skills. Students can also get practical skills by doing co-ops with government or organizations as part of their education experience.

PROGRAMS OFFERED

AWARD	AWARD TYPE	ACADEMIC PLAN	MAJOR UNITS	FA*
Political Science	AA-T	C032923G	18-19	Y

*FA = Financial Aid Eligible. Yes = Eligible for all aid.
No = Ineligible for Federal Pell and Cal Grant, FSEOG, Federal Work-Study, and Federal Loans.
Please consult with Financial Aid Office on award eligibility.

Political Science

Associate in Arts (AA-T) Degree

Major Units: 18-19   Total Units: Minimum of 60
(State Code: 32923; TOP Code: 220700; Academic Plan: C032923G)

The Political Science Associate in Arts transfer degree prepares students for seamless transfer to California State University (CSU) institutions by offering the four standard core introductory courses in Political Science, as well as two electives that prepare the student for timely completion of a BA in Political Science. Research, writing, and critical thinking skills are the foundation for Political Science.

To earn the AA-T, students must meet the following requirements:

a. Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University by completing the following:

- The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth (CSU GE-Breadth) requirements; and
- A minimum of 18 semester units in a major or area of emphasis, as approved by the CCC Chancellor's Office.

b. Minimum grade of "C" (or "P") for each course in the major and minimum grade point average of 2.0 or higher. Students

completing this degree will have satisfied the lower division major preparation and transfer requirements for priority admission consideration to a local CSU campus.

PROGRAM STUDENT LEARNING OUTCOMES

1. Critically evaluate the decentralized nature of power in the American political system.
2. Assess the major concepts in comparing and analyzing political systems and political cultures around the globe (e.g., globalization, democratization, and political and economic development in selected countries)
3. Evaluate and interpret the global interaction of nations, non-governmental organizations, and international organizations in the international arena.
4. Use media resources to evaluate and assess research and writings in issues of Political Science.
5. Judge the respective relevance of the major western political philosophers of the past for the 21st century.

PROGRAM REQUIREMENTS

Requirements for the Political Science Associate in Arts transfer degree may be met by completing: (a) 3 units of major core courses, 9-10 units from "List A," and 6 units from "List B" with a grade of "C" or better; (b) all CSU GE-Breadth requirements of which Subject Areas A1, A2, A3, and B4 (The "Golden Four") must be completed with a grade of "C-" or better; (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken at LACCD.

MAJOR CORE COURSES (3 UNITS):

| POL SCI 001 | THE GOVERNMENT OF THE UNITED STATES ....3 |

LIST A: SELECT THREE COURSES (9-10 UNITS)

POL SCI 002 INTRODUCTION TO COMPARATIVE POLITICS 3
POL SCI 005 THE HISTORY OF WESTERN POLITICAL THOUGHT 3
POL SCI 007 INTRODUCTION TO INTERNATIONAL RELATIONS 3
MATH 227 STATISTICS 3-4
MATH 227S STATISTICS WITH SUPPORT
SOC 125 STATISTICS FOR THE SOCIAL SCIENCES

LIST B: SELECT TWO COURSES (6 UNITS)

POL SCI 014 GOVERNMENT AND POLITICS IN THE MIDDLE EAST 3
POL SCI 019 WOMEN IN POLITICS 3
LAW 001 BUSINESS LAW 3
OR
ANY INTRODUCTORY COURSE ARTICULATED AS FULFILLING CSU GE AREA D OR IGETC AREA 4 IN THE SOCIAL SCIENCES (SEE PAGE 54) OR ANY "LIST A" COURSE NOT ALREADY USED

SOCIAL JUSTICE

OVERVIEW

Social Justice explores the important terrain between the ideals of justice and everyday local reality, including BLM, DACA, equity, LGBTQ+, police brutality, and global expressions of injustice. With a strong commitment to applied study, the major educates critical thinkers to be fluent in the rich and interdisciplinary histories and theories of social justice and injustice. The goal of the Social Justice AA-T is to create an informed global and local citizenship committed to strategic, accountable, and reflexive engagement in social justice work.

PROGRAM OFFERED

AWARD	AWARD TYPE	ACADEMIC PLAN	MAJOR UNITS	FA*
Social Justice Studies: General	AA-T	C038010G	19	Y

*FA = Financial Aid Eligible. Yes = Eligible for all aid.
No = Ineligible for Federal Pell and Cal Grant, FSEOG, Federal Work-Study, and Federal Loans. Please consult with Financial Aid Office on award eligibility.

Social Justice Studies: General

Associate in Arts (AA-T) Degree

Major Units: 19   Total Units: Minimum of 60
(State Code: 38010; TOP Code: 220100; Academic Plan: C038010G)

The Social Justice Studies: General Associate in Arts transfer degree is intended for students who are interested in the structure and functioning of American society as it relates to social justice issues. Students who earn the degree can transfer and complete a bachelor's degree at a California State University (CSU) campus in such majors as Africana Studies, Chicano Studies, Conflict Resolution, Ethnic Studies, Gender Studies, Labor and Employment Studies, LGBTQ Studies, Mexican-American Studies, Peacebuilding, and Women's Studies. Students should consult with a counselor for more information on university admission and transfer requirements as this AA-T in Social Justice Studies may not be the best option for students intending to transfer to a particular CSU campus or to a college or university that is not part of the CSU system.

To earn the AA-T, students must meet the following requirements:

a. Completion of 60 semester units that are eligible for transfer to the California State University by completing the following:
   - The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth (CSU GE-Breadth) requirements; and
   - A minimum of 18 semester units in a major or area of emphasis, as approved by the CCC Chancellor's Office.

b. A minimum grade point average of 2.0 or higher. Students completing this degree will have satisfied the lower division major preparation and transfer requirements for priority admission consideration to a local CSU campus.

PROGRAM STUDENT LEARNING OUTCOMES

1. Critically evaluate the decentralized nature of power in the American political system.
2. Assess the major concepts in comparing and analyzing political systems and political cultures around the globe, including globalization, democratization, and political and economic development in selected countries.
3. Evaluate and interpret the global interaction of nations, non-governmental organizations, and international organizations in the international arena.
4. Use media resources to evaluate and assess research and writings in issues of political science.

PROGRAM REQUIREMENTS

Requirements for the Social Justice Studies: General Associate in Arts transfer degree may be met by completing: (a) 9 units of major core courses and 10 units from "List A" with a grade of "C" or better; (b) all CSU GE-Breadth requirements of which Subject Areas A1, A2, A3, and B4 (The "Golden Four") must be completed with a grade of "C-" or better; (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken at LACCD.

MAJOR CORE COURSES (SELECT 9 UNITS)

SOC 011	RACE AND ETHNIC RELATIONS	3
SOC 022	SOCIOLOGY OF WOMEN	3
SOC 031	SOCIOLOGY OF GENDER	3
AFRO AM 004	THE AFRICAN-AMERICAN IN THE HISTORY OF THE UNITED STATES I	3
AFRO AM 005	THE AFRICAN-AMERICAN IN THE HISTORY OF THE UNITED STATES II	3
CHICANO 044	MEXICAN CIVILIZATION	3

LIST A (10 UNITS)

AFRO AM 020	AFRICAN-AMERICAN LITERATURE I	3
MATH 227	STATISTICS	4
POL SCI 019	WOMEN IN POLITICS	3

SOCIOLOGY

OVERVIEW

Sociology is the study of the structure, function, and dynamics of social relationships. There are consequences to human behavior and sociologists investigate today's most divisive issues such as racism, sexism, deviant and criminal behavior, gender identity, poverty, and family and interpersonal conflict. Sociologists seek to understand and explain how we are impacted by the social world in which we live. The goal of the Sociology AA-T is to prepare students to thoughtfully assess both the problems and possibilities in today's society while developing their communication and critical thinking skills.

PROGRAM OFFERED

AWARD	AWARD TYPE	ACADEMIC PLAN	MAJOR UNITS	FA*
Sociology	AA-T	C041478G	18-19	Y

*FA = Financial Aid Eligible. Yes = Eligible for all aid.
No = Ineligible for Federal Pell and Cal Grant, FSEOG, Federal Work-Study, and Federal Loans. Please consult with Financial Aid Office on award eligibility.

Sociology

Associate in Arts (AA-T) Degree

Major Units: 18-19   Total Units: Minimum of 60
(State Code: 41478; TOP Code: 220800; Academic Plan: C041478G)

The Sociology Associate in Arts transfer degree is designed to prepare students for transfer into the CSU system to complete a baccalaureate degree in sociology or a similar major. Upon completion of this degree, students will have a strong academic foundation in the field and be prepared for upper division baccalaureate study. Students who have completed the Associate in Arts in Sociology degree will have satisfied the lower division requirements for transfer into sociology or similar major for many campuses in the California State University system. This degree complies with the Student Transfer Achievement Reform Act (California Education Code 66746).

Students must complete the following requirements:

1. Completion of 60 semester units (or 90 quarter units) that are eligible for transfer to the California State University, including both of the following:

   a. The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth Requirements.

   b. A minimum of 18 semester units (or 27 quarter units) in a major or area of emphasis, as determined by the community college district.

2. Obtainment of a minimum grade point average of 2.0.

3. Obtainment of a grade of C or higher in each course in the area of Emphasis, or with a P if the course was taken on a Pass/No Pass basis, and the P is equal to a C or higher (Title 5 §55063).

PROGRAM STUDENT LEARNING OUTCOMES

1. Students will be able to apply their understanding of sociology to their professional, personal, and civic lives.

PROGRAM REQUIREMENTS

Requirements for the Associate in Arts in Sociology for Transfer Degree may be met by completing (a) 9-10 units of major core courses, 6 units from "List A," and 3 units from "List B" with a grade of "C" or better; (b) all CSU GE-Breadth requirements of which Subject Areas A1, A2, A3, and B4 (The "Golden Four") must be completed with a grade of "C-" or better; (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken at LACCD.

REQUIRED COURSES (9-10 UNITS)

SOC 001	INTRODUCTION TO SOCIOLOGY	3
SOC 002	AMERICAN SOCIAL PROBLEMS	3
SOC 125	STATISTICS FOR THE SOCIAL SCIENCES	3
OR		
MATH 227	STATISTICS	4
OR		
MATH 227S	STATISTICS WITH SUPPORT	4

LIST A (6 UNITS)

Select two courses from:

SOC 004	SOCIOLOGICAL ANALYSIS	3
OR		
PSYCH 074	RESEARCH METHODS IN THE BEHAVIORAL SCIENCES	
SOC 012	MARRIAGE AND FAMILY LIFE	3
SOC 031	SOCIOLOGY OF GENDER	3
SOC 011	RACE AND ETHNIC RELATIONS	3
SOC 032	INTRODUCTION TO CRIMINOLOGY	3
PSYCH 013	SOCIAL PSYCHOLOGY	3

LIST B (3 units)

Select any required course not already used above, or select one course from:

CSU and UC transferable sociology course:

SOC 022	SOCIOLOGY OF WOMEN	3

Course articulated as lower division preparation for the sociology major at a CSU and UC:

ANTHRO 102	HUMAN WAYS OF LIFE: CULTURAL ANTHROPOLOGY	3
GEOG 002	CULTURAL ELEMENTS OF GEOGRAPHY	3
PSYCH 001	INTRODUCTORY PSYCHOLOGY	3

Any introductory social science course approved for CSU GE Area D and IGETC Area 4 including, but not limited to, the following courses:

AFRO AM 004	THE AFRICAN AMERICAN IN THE HISTORY OF THE U.S. I	3
AFRO AM 005	THE AFRICAN AMERICAN IN THE HISTORY OF THE U.S. II	3
AFRO AM 007	BLACK AMERICANS AND THE POLITICAL SYSTEM	3
ANTHRO 121	ANTHROPOLOGY OF RELIGION, MAGIC, AND WITCHCRAFT	3
ANTHRO 151	VISUAL ANTHROPOLOGY: EXPLORING CULTURE THROUGH FILM AND MIXED MEDIA	3
CH DEV 001	CHILD GROWTH AND DEVELOPMENT	3
CH DEV 011	CHILD, FAMILY AND COMMUNITY	3
CH DEV 042	TEACHING IN A DIVERSE SOCIETY	3
CHICANO 007	THE MEXICAN-AMERICAN IN THE HISTORY OF THE UNITED STATES I	3
CHICANO 008	THE MEXICAN-AMERICAN IN THE HISTORY OF THE UNITED STATES II	3
COMM 122	INTERCULTURAL COMMUNICATIONS	3
ECON 001	PRINCIPLES OF MICROECONOMICS	3
ECON 002	PRINCIPLES OF MACROECONOMICS	3
GEOG 014	GEOGRAPHY OF CALIFORNIA	3
HISTORY 011	POLITICAL AND SOCIAL HISTORY OF THE UNITED STATES TO 1877	3
HISTORY 012	POLITICAL AND SOCIAL HISTORY OF THE UNITED STATES FROM 1865	3
HISTORY 073	RACE & RACISM IN UNITED STATES HISTORY	3
HISTORY 086	INTRODUCTION TO WORLD CIVILIZATION I	3
HISTORY 087	INTRODUCTION TO WORLD CIVILIZATION II	3
LAW 003	CIVIL RIGHTS AND THE LAW	3
LAW 007	STREET LAW	3
LING 002	INTRODUCTION TO SOCIOLINGUISTICS	3
LING 003	INTRODUCTION TO PSYCHOLINGUISTICS	3
POL SCI 001	THE GOVERNMENT OF THE UNITED STATES	3
POL SCI 002	MODERN WORLD GOVERNMENTS	3
POL SCI 007	INTRODUCTION TO INTERNATIONAL RELATIONS	3
POL SCI 014	GOVERNMENT AND POLITICS IN THE MIDDLE EAST	3
POL SCI 019	WOMEN IN POLITICS	3
PSYCH 013	SOCIAL PSYCHOLOGY	3
PSYCH 014	ABNORMAL PSYCHOLOGY	3
PSYCH 041	LIFE-SPAN PSYCHOLOGY: FROM INFANCY TO OLD AGE	3

The School of Visual, Performing, and Entertainment Arts

The School of Visual, Performing, and Entertainment Arts is a vibrant hub for students passionate about the creative arts. This school offers a diverse array of programs designed to cultivate artistic talent, foster creativity, and prepare students for careers in various fields within the visual and performing arts, as well as entertainment industries. Students can explore programs in disciplines including Fine Arts, Music, Theater Arts, Cinema/Television, Graphic Design, and Game Art. Each program is tailored to provide students with a comprehensive education that balances artistic expression, technical skill development, and real-world application.

PERFORMING ARTS AND ENTERTAINMENT

Music programs cover a broad spectrum of musical genres and styles, including classical, jazz, contemporary, and world music. Students can study music theory, composition, performance, and music technology, and have opportunities to participate in ensembles, concerts, and recitals.

Theater Arts programs provide students with training in acting, directing, stagecraft, design, and production. Students gain practical experience through performances in theater productions, workshops, and collaborations with faculty and industry professionals.

Cinema/Television programs focus on film and television production, screenwriting, directing, editing, and cinematography. Students learn industry-standard techniques and technologies, and have the opportunity to create their own productions.

VISUAL ARTS AND DESIGN

Fine Arts programs offer instruction in traditional and contemporary artistic techniques, including drawing, painting, sculpture, printmaking, and mixed media. Students can develop their artistic voice while exploring a wide range of artistic styles and concepts.

Graphic design and multimedia programs explore principles of design, typography, illustration, digital imaging, and interactive media. Students develop skills in visual communication and storytelling, and create projects for print, web, mobile, and multimedia platforms.

Cinema/Television

Department Chair: Krystle Klein
For more information visit:
www.lacc.edu/academics/departments

CINEMA

OVERVIEW

The LACC Cinema and Television Department offers a low-cost, comprehensive, hands-on training program that provides both basic and advanced courses in film, video, and television studio production. Located in modern facilities designed by the renowned architect William L. Pereira, the department has audio and camera equipment packages for student use as well as a sound stage, television three-camera studios, digital editing rooms, screening rooms, non-linear multi-station computer labs, and other audio and video post-production systems.

The Cinema program's first semester consists of a hands-on digital video production class, a lecture course on the technical aspects of film production, and two film history classes. The following semesters include courses on video editing, sound, cinematography, production management and business, directing, writing, digital production, editing, and digital audio post-production. Throughout the program, students produce a series of short films, culminating in capstone projects.

The Cinema/TV Department also teaches courses on writing and producing for television, and multi-camera television production. For information on TV classes see the Television section.

PROGRAMS OFFERED

AWARD	AWARD TYPE	ACADEMIC PLAN	MAJOR UNITS	FA*
Film, Television, and Electronic Media	AS-T	C037221H	18-20	Y
Cinema Production	AA	C002729D	36	Y
Cinema Directing	C	C040643D	21	Y
Cinema Post Production	C	C040661D	27	Y
Cinema Producing	C	C040642D	27	Y
Cinema Production	C	C002162D	33	Y
Cinema/Video Production	C	C010773D	33	Y
Cinematography	C	C040644D	24	Y
Entertainment Industry: Production Assistant	C	C040998D	9	N
Screenwriting	C	C040997D	27	Y
Sound For Film	C	C042564D	21	Y

*FA = Financial Aid Eligible. Yes = Eligible for all aid.
No = Ineligible for Federal Pell and Cal Grant, FSEOG, Federal Work-Study, and Federal Loans. Please consult with Financial Aid Office on award eligibility.

Film, Television, and Electronic Media

Associate in Science (AS-T) Degree

Major Units: 18-20   Total Units: Minimum of 60
(State Code: 37221; TOP Code: 060420; Academic Plan: C037221H)

The Film, Television, and Electronic Media Associate in Science transfer degree is designed to prepare the student for transfer to four-year institutions of higher education, and is specifically intended to satisfy lower division requirements for a baccalaureate degree in Cinema and/or Television and/or Media Arts at a California State University, and may apply to other baccalaureate programs. The AS-T degree coursework provides students with a comprehensive learning environment of both classwork in film and television history and theory, and hands-on experiences to provide them with the technical skills and creative guidance to prepare them for both for transfer and careers in the entertainment industry.

To earn the AS-T, students must meet the following requirements:

a. Completion of 60 semester units (or 90 quarter units) that are eligible for transfer to the California State University, including both of the following:

   • The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth Requirements.
   • A minimum of 18 semester units (or 27 quarter units) in a major or area of emphasis, as determined by the community college district.

b. Obtainment of a minimum grade point average of 2.0.

c. Obtainment of a grade of C or higher in each course in the Area of Emphasis, or with a P if the course was taken on a Pass/No Pass basis, and the P is equal to a C or higher (Title 5 §55063).

PROGRAM STUDENT LEARNING OUTCOMES

1. Students demonstrate knowledge of the historical, cultural, and economic influences on the content of motion pictures and television, both narrative and non-narrative (documentary) film-making and non-scripted ("reality") television programs.

2. Students demonstrate knowledge and command of the processes of writing, direction, production, post-production, and distribution of cinema (single–camera) and television (multi-camera) productions.

3. Students demonstrate knowledge of the job market pathways into the motion picture and television industries.

PROGRAM REQUIREMENTS

Requirements for the Film, Television, and Electronic Media Associate in Science transfer degree may be met by completing: (a) 6 units of major core courses, 6 units from "List A," 3 units from "List B," and 3-5 units from "List C" with a grade of "C" or better; (b) all CSU GE-Breadth requirements of which Subject Areas A1, A2, A3, and B4 (The "Golden Four") must be completed with a grade of "C-" or better; (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken at LACCD.

MAJOR CORE COURSES (SELECT 6 UNITS)

T V 001	EVOLUTION OF TELEVISION	3
OR		
JOURNAL 105	MASS COMMUNICATIONS	3
T V 025-1	TELEVISION AND FILM WRITING I	3
OR		
CINEMA 005	INTRODUCTION TO SCREEN WRITING	3
CINEMA 003	HISTORY OF MOTION PICTURES	3
OR		
CINEMA 004	HISTORY OF THE DOCUMENTARY FILM	3
OR		
CINEMA 018	INTRODUCTION TO FILM GENRES	3
OR		
CINEMA 501	MEDIA AESTHETICS AND DESIGN FOR FILM AND DIGITAL MEDIA	3
OR		
PHOTO 501	MEDIA AESTHETICS AND DESIGN FOR FILM AND DIGITAL MEDIA	3

LIST A: (SELECT ONE COURSE FROM EACH AREA (6 UNITS)

AREA A1: AUDIO

CINEMA 009-1	BEGINNING MOTION PICTURE SOUND PRODUCTION	3

AREA A2: VIDEO OR FILM PRODUCTION

CINEMA 001	INTRODUCTION TO MOTION PICTURE PRODUCTION	3
CINEMA 002	BEGINNING MOTION PICTURE WORKSHOP	3
T V 009	LIVE TELEVISION DIRECTING	3

LIST B: SELECT ONE COURSE (3 UNITS)

CINEMA 006	INTRODUCTION TO CINEMATOGRAPHY	3
CINEMA 007	ADVANCED CINEMATOGRAPHY AND CREATIVE TECHNIQUES	3
T V 046	TELEVISION PRODUCTION	3

OR ANY "LIST A" OR CORE COURSE NOT ALREADY USED

LIST C: SELECT ONE COURSE (3 UNITS)

ANIMATN 218	FUNDAMENTALS OF ANIMATION	3
ANIMATN 225	THREE-DIMENSIONAL CHARACTER ANIMATION	3
GAD 101	INTRODUCTION TO GAME DESIGN	3
GAD 102	CONCEPT AND VISUAL DEVELOPMENT	3
GAD 103	GAME TECHNOLOGIES AND GAME ENGINES	3

CINEMA 911	COOPERATIVE EDUCATION - CINEMA	1
CINEMA 921	COOPERATIVE EDUCATION - CINEMA	2
CINEMA 931	COOPERATIVE EDUCATION - CINEMA	3
CINEMA 941	COOPERATIVE EDUCATION - CINEMA	4
CINEMA 103	DIVERSITY IN CINEMA	3
CINEMA 009-2	INTERMEDIATE MOTION PICTURE SOUND AND POST PRODUCTION DESIGN	3
CINEMA 010	INTRODUCTION TO FILM DIRECTING	3
CINEMA 017	ADVANCED MOTION PICTURE POST-PRODUCTION	3
CINEMA 020	BUSINESS ASPECTS OF MOTION PICTURE PRODUCTION	3
CINEMA 025	PRODUCING MOTION PICTURE FEATURES	3
CINEMA 032-1	EDITING FUNDAMENTALS I	3
CINEMA 032-2	EDITING FUNDAMENTALS II	3
CINEMA 033-1	DIGITAL VIDEO PRODUCTION WORKSHOP I	3
CINEMA 033-2	DIGITAL VIDEO PRODUCTION WORKSHOP II	3
CINEMA 038-1	MOTION PICTURE STAGE GRIP AND LIGHTING TECHNIQUES	3
CINEMA 038-2	MOTION PICTURE STAGE ELECTRIC AND LIGHTING TECHNIQUES	3
CINEMA 060	ENTERTAINMENT INDUSTRY CAREERS BELOW-THE-LINE PRODUCTIONS SKILLS I	3
T V 004	MULTI-CAM TV STUDIO PRODUCTION	3
T V 006	MULTIMEDIA PRODUCTION	3
T V 007	TELEVISION HOSTING	3
T V 025-2	TELEVISION AND FILM WRITING II	3
T V 048	PRODUCING LIVE TV & PODCASTING	3
T V 049	LIVESTREAM PRODUCTION	3
T V 055	DIGITAL VIDEO PRODUCTION WORKSHOP I	3

ANY COURSE ARTICULATED AS FULFULLING CSU GE AREA C
OR ANY COURSE NOT ALREADY USED IN "LIST A," "LIST B," OR CORE

Cinema Production

Associate in Arts (AA) Degree

Major Units: 36   Total Units: Minimum of 60
(State Code: 02729: TOP Code: 061220; Academic Plan: C002729C)

LACC's proximity to Hollywood, along with the strong alliances the Cinema/TV Department has forged in virtually all areas of the industry, allows our graduates to transition directly into production. The skills and the work-based learning our faculty and facilities provide are rated among the top in the Los Angeles area, and prepare students for success in many above- and below-the-line careers, as producers, writers, directors, cinematographers, camera operators, lighting directors, grips and electricians, picture and sound editors, colorists, sound engineers, and production assistants. We also offer an Associates Degree for Transfer (AS-T) for those who wish to go on to pursue a four-year degree.

PROGRAM STUDENT LEARNING OUTCOMES

1. Students demonstrate knowledge of the historical, cultural, and economic influences on the motion picture, both narrative and documentary.
2. Students demonstrate knowledge and command of the processes of writing, direction, production, post-production, and distribution of motion pictures.
3. Students demonstrate an awareness of the job market pathways into motion pictures and television.

PROGRAM REQUIREMENTS

Requirements for the Cinema Production Associate of Arts degree may be met by completing: (a) 12 units of major core courses and 24 units of major elective courses with a grade of "C" or better; (b) all general education requirements (English and Math must be completed with a grade of "C" or better); (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken at LACCD.

MAJOR CORE COURSES (12 UNITS)

CINEMA 001	INTRODUCTION TO MOTION PICTURE PRODUCTION	3
CINEMA 002	BEGINNING MOTION PICTURE WORKSHOP	3
CINEMA 003	HISTORY OF MOTION PICTURES	3
CINEMA 004 OR	HISTORY OF THE DOCUMENTARY FILM	3
CINEMA 018	INTRODUCTION TO FILM GENRES	3

MAJOR ELECTIVE COURSES* (SELECT 24 UNITS)

CINEMA 005	INTRODUCTION TO SCREENWRITING	3
CINEMA 006	INTRODUCTION TO CINEMATOGRAPHY	3
CINEMA 007	ADVANCED CINEMATOGRAPHY AND CREATIVE TECHNIQUES	3
CINEMA 009-1	BEGINNING MOTION PICTURE SOUND PRODUCTION	3
CINEMA 009-2	INTERMEDIATE MOTION PICTURE SOUND AND POST-PRODUCTION SOUND DESIGN	3
CINEMA 010	INTRODUCTION TO FILM DIRECTING	3
CINEMA 018	INTRODUCTION TO FILM GENRES	3
CINEMA 020	BUSINESS ASPECTS OF MOTION PICTURE PRODUCTION	3
CINEMA 025	PRODUCING MOTION PICTURE FEATURES	3
CINEMA 032-1	EDITING FUNDAMENTALS I	3
CINEMA 032-2	EDITING FUNDAMENTALS II	3
CINEMA 033-1	DIGITAL VIDEO PRODUCTION WORKSHOP I	3
CINEMA 033-2	DIGITAL VIDEO PRODUCTION WORKSHOP II	3
CINEMA 038-1	MOTION PICTURE STAGE GRIP AND LIGHTING TECHNIQUES	3
CINEMA 038-2	MOTION PICTURE STAGE ELECTRIC AND LIGHTING TECHNIQUES	3
CINEMA 103	DIVERSITY IN CINEMA	3
CINEMA 501	MEDIA AESTHETICS AND DESIGN FOR FILM AND DIGITAL MEDIA	3
T V 001	EVOLUTION OF TELEVISION	3
T V 004	MULTI-CAM TV STUDIO PRODUCTION	3
T V 009	LIVE TELEVISION DIRECTING	3
T V 025-1	TELEVISION AND FILM WRITING I	3
T V 025-2	TELEVISION AND FILM WRITING II	3

At least 18 units must be from CINEMA electives.
Courses may be substituted under special circumstances and approval from the department.

Cinema Directing

Certificate of Achievement

Major Units: 21
(State Code: 40643;TOP Code: 061220; Academic Plan: C040643D)

The Cinema Directing certificate of achievement trains students in the craft of directing primarily for single-camera film production. Students learn a broad array of directorial skills with emphasis on the role of the director as storyteller, visualization of the script, and rehearsing and directing scenes with actors. Directing skills also prepare individuals for careers as producers, especially in episodic television productions.

PROGRAM STUDENT LEARNING OUTCOMES

1. The student will produce and direct a scene to be critiqued and evaluated in class.
2. Formulate story ideas and develop treatments and screenplay drafts.
3. Demonstrate proper use of stage direction while focusing on audience reaction and the actors' emotional connection to the scene.
4. Prepare a production package including script notes, scene goals, character analysis, storyboard, and shot list.

PROGRAM REQUIREMENTS

Requirements for the Cinema Directing certificate of achievement may be met by completing 21 units of required courses with a grade of "C" or better.

REQUIRED COURSES (18 UNITS)

CINEMA 001	INTRODUCTION TO MOTION PICTURE PRODUCTION	3
CINEMA 002	BEGINNING MOTION PICTURE WORKSHOP	3
CINEMA 005	INTRODUCTION TO SCREENWRITING	3
CINEMA 010	INTRODUCTION TO FILM DIRECTING	3
CINEMA 012	ADVANCED FILM DIRECTING	3
THEATER 200	INTRODUCTION TO ACTING	3

ELECTIVE COURSES (3 UNITS)

THEATER 225	BEGINNING DIRECTION	3
ART 649	STORYBOARDS	3
THEATER 100	INTRODUCTION TO THE THEATER	3

Cinema Post Production

Certificate of Achievement

Major Units: 27
(State Code: 40661; TOP Code: 061220; Academic Plan: C040661D)

The Cinema Post Production certificate of achievement prepares students for careers in film, video, audio and special effects editing, as well as post-production management. Cinema and television students master procedures and techniques for picture and audio editing using non-linear software and other elements of sound design to create final soundtracks for media production. The certificate also explores in-depth aesthetic concepts and advanced skills in post-production visuals and sound.

Our Sound Design/Video Post Production program has the latest in audio and video editing software for student use. We currently teach DaVinci Resolve, Adobe Premiere, Adobe After Effects, Digidesign ProTools and Avid.

PROGRAM STUDENT LEARNING OUTCOMES

1. Formulate knowledge and command of the processes of production and post-production visuals.
2. Formulate knowledge and command of the processes of production and post-production sound.
3. Differentiate the historical, cultural, and economic influences of motion picture, television, and new media content.
4. Formulate knowledge and command of the processes of conforming, color matching and correcting.

PROGRAM REQUIREMENTS

Requirements for the Cinema Post Production certificate of achievement may be met by completing 27 units of required courses with a grade of "C" or better.

REQUIRED COURSES (27 UNITS)

CINEMA 001	INTRODUCTION TO MOTION PICTURE PRODUCTION	3
CINEMA 002	BEGINNING MOTION PICTURE WORKSHOP	3
CINEMA 003	HISTORY OF MOTION PICTURES	3
CINEMA 004 OR	HISTORY OF THE DOCUMENTARY FILM	3
CINEMA 018	INTRODUCTION TO FILM GENRES	3
CINEMA 009-1	BEGINNING MOTION PICTURE SOUND PRODUCTION	3
CINEMA 009-2	INTERMEDIATE MOTION PICTURE SOUND AND POST PRODUCTION SOUND DESIGN	3
CINEMA 017	ADVANCED MOTION PICTURE POST-PRODUCTION	3
CINEMA 032-1	EDITING FUNDAMENTALS I	3
CINEMA 032-2	EDITING FUNDAMENTALS II	3

Cinema Producing

Certificate of Achievement

Major Units: 27
(State Code: 40642; TOP Code: 061220; Academic Plan: C040642D)

The Cinema Producing certificate of achievement is designed to provide the student with advanced skills in writing, pre-production, production, and knowledge of the business of motion picture and television, including new media platforms.

PROGRAM STUDENT LEARNING OUTCOMES

1. Students will survey business practices including development, financing, production, and distribution of motion pictures and media content.
2. Students will explain feature production from development through distribution on projects that have attained commercial distribution, and construct elements for their own projects.
3. Students will demonstrate an understanding of major concepts of Business Organization including: Management, Marketing, Finance, Human Resources, Economics, Legal Forms of Business Ownership, and Entertainment Law.

PROGRAM REQUIREMENTS

Requirements for the Cinema Producing certificate of achievement may be met by completing 27 units of required courses with a grade of "C" or better.

REQUIRED COURSES (27 UNITS)

CINEMA 001	INTRODUCTION TO MOTION PICTURE PRODUCTION	3
CINEMA 002	BEGINNING MOTION PICTURE WORKSHOP	3
CINEMA 003	HISTORY OF MOTION PICTURES	3
CINEMA 004 OR	HISTORY OF THE DOCUMENTARY FILM	3
CINEMA 018	INTRODUCTION TO FILM GENRES	3
CINEMA 005 OR	INTRODUCTION TO SCREENWRITING	3
T V 025-1	TELEVISION AND FILM WRITING I	3
CINEMA 020	BUSINESS ASPECTS OF MOTION PICTURE PRODUCTION	3
CINEMA 025	PRODUCING MOTION PICTURE FEATURES	3
BUS 001	INTRODUCTION TO BUSINESS	3
LAW 003 OR	CIVIL RIGHTS AND THE LAW	3
LAW 033	LAW AND THE MEDIA	3

Cinema Production

Certificate of Achievement

Major Units: 33
(State Code: 21620; TOP Code: 061220; Academic Plan: C021620D)

Students earning the Cinema Production certificate of achievement will have received the hands-on training, technical competence, film history, and principles needed to enter the entertainment work force and launch a career in single-camera pre-production, production, and post-production. The classes and mentorship offered prepare them for a number of industry careers including producers, writers, directors, cinematographers, camera operators, lighting directors, grips and electricians, picture and sound editors, colorists, sound engineers, and production assistants.

PROGRAM STUDENT LEARNING OUTCOMES

1. Combine both narrative and documentary knowledge of the historical, cultural, and economic influences on the motion picture.
2. Formulate knowledge of the processes of writing, directing, production, post-production, and distribution of motion pictures.
3. Compile knowledge of the job market pathways into motion pictures.
4. Perform the duties of various technical crew positions in a single- or multiple-camera production environment.

PROGRAM REQUIREMENTS

Requirements for the Cinema Production certificate of achievement may be met by completing 12 units of required courses and 21 units of elective courses with a grade of "C" or better.

REQUIRED COURSES (12 UNITS)

CINEMA 001	INTRODUCTION TO MOTION PICTURE PRODUCTION	3
CINEMA 002	BEGINNING MOTION PICTURE WORKSHOP	3
CINEMA 003	HISTORY OF MOTION PICTURES	3
CINEMA 004 OR	HISTORY OF THE DOCUMENTARY FILM	3
CINEMA 018	INTRODUCTION TO FILM GENRES	

ELECTIVE COURSES (CHOOSE 21 UNITS)

CINEMA 005	INTRODUCTION TO SCREENWRITING	3
CINEMA 006	INTRODUCTION TO CINEMATOGRAPHY	3
CINEMA 007	ADVANCED CINEMATOGRAPHY AND CREATIVE TECHNIQUES	3
CINEMA 012	ADVANCED FILM DIRECTING	3
CINEMA 009-1	BEGINNING MOTION PICTURE SOUND PRODUCTION	3
CINEMA 010	INTRODUCTION TO FILM DIRECTING	3
CINEMA 020	BUSINESS ASPECTS OF MOTION PICTURE PRODUCTION	3
CINEMA 025	PRODUCING MOTION PICTURE FEATURES	3
CINEMA 032-1	EDITING FUNDAMENTALS I	3
CINEMA 033-1	DIGITAL VIDEO PRODUCTION WORKSHOP I	3
CINEMA 060	ENTERTAINMENT INDUSTRY CAREERS: BELOW -THE-LINE PRODUCTION SKILLS I	3
CINEMA 103	DIVERSITY IN CINEMA	3
CINEMA 501	MEDIA AESTHETICS AND DESIGN FOR FILM AND DIGITAL MEDIA	3

Cinema/Video Production

Certificate of Achievement

Major Units: 33
(State Code: 10773; TOP Code: 061220; Academic Plan: C010773D)

Under thorough and professional guidance through every phase of production from pre- through post-, students who earn this certificate from the Cinema/TV Department are able to enter single- and multi-camera filmmaking and episodic television. They receive expert, hands-on training to promote technical competence, learn the basic principles and history of both media, and develop those work-based skills, methods, and perspectives that are central to achieving success in the industry. Such training will prepare them for careers as producers, writers, directors, cinematographers, sound and picture editors, and production assistants.

PROGRAM STUDENT LEARNING OUTCOMES

1. Combine both narrative and documentary knowledge of the historical, cultural and economic influences on the motion picture and television.
2. Formulate knowledge of the processes of writing, directing, production, post-production and distribution of motion pictures and television, including live switched and edited programs.
3. Compile knowledge of the job market pathways into motion pictures and television.
4. Perform the duties of various technical crew positions in a single- or multiple-camera production environment.

PROGRAM REQUIREMENTS

Requirements for the Cinema/Video Production certificate of achievement may be met by completing 18 units of required courses and 15 units of elective courses with a grade of "C" or better.

REQUIRED COURSES (SELECT 18 UNITS)

CINEMA 001	INTRODUCTION TO MOTION PICTURE PRODUCTION	3
CINEMA 002	BEGINNING MOTION PICTURE WORKSHOP	3
CINEMA 003	HISTORY OF MOTION PICTURES	3
CINEMA 004 OR	HISTORY OF THE DOCUMENTARY FILM	3
CINEMA 018	INTRODUCTION TO FILM GENRES	
CINEMA 032-1	EDITING FUNDAMENTALS I	3
T V 009	LIVE TELEVISION DIRECTING	3

ELECTIVE COURSES (CHOOSE 15 UNITS)

CINEMA 006	INTRODUCTION TO CINEMATOGRAPHY	3
CINEMA 009-1	BEGINNING MOTION PICTURE SOUND PRODUCTION	3
CINEMA 010	INTRODUCTION TO FILM DIRECTING	3
CINEMA 103	DIVERSITY IN CINEMA	3
T V 004	MULTI-CAM TV STUDIO PRODUCTION	3
T V 006	MULTIMEDIA PRODUCTION	3
T V 007	TELEVISION HOSTING	3
T V 025-1	TELEVISION AND FILM WRITING I	3
T V 025-2	TELEVISION AND FILM WRITING II	3
T V 046	EPISODIC TV PRODUCTION	3
T V 048 OR	PRODUCING LIVE TV & PODCASTING	3
T V 049	LIVESTREAM PRODUCTION	3
T V 055	DIGITAL VIDEO PRODUCTION WORKSHOP I	3

Cinematography

Certificate of Achievement

Major Units: 24
(State Code: 40644; TOP Code: 061220; Academic Plan: C040644D)

The Cinematography certificate of achievement is designed to provide students with advanced skills in below-the-line supervising, single-camera cinematography, production and post-production. Technical skills are emphasized for the jobs of cinematographer, camera operator, camera assistant, and data manager, as well as coloring and post-production processes.

PROGRAM STUDENT LEARNING OUTCOMES

1. Plan, execute and organize practical digital or film still photography exercises that demonstrate cinematography fundamentals, including the understanding of camera controls, elements of composition, and photographing with natural and artificial light.
2. Collaborate in a group to plan and execute a short film, functioning in the role of producer, director, and director of photography on cinema projects emphasizing lighting, composition, exposure, and focus.
3. Employ basic principles of black and white analog photography from the mechanical creation of the image with camera and film to enlarging the photograph for display, while applying the guidelines of composition, communication, and self-expression.

PROGRAM REQUIREMENTS

Requirements for the Cinematography certificate of achievement may be met by completing 24 units of required courses with a grade of "C" or better.

REQUIRED COURSES (24 UNITS)

CINEMA 001	INTRODUCTION TO MOTION PICTURE PRODUCTION	3
CINEMA 002	BEGINNING MOTION PICTURE WORKSHOP	3
CINEMA 003	HISTORY OF MOTION PICTURES	3
CINEMA 004 OR	HISTORY OF THE DOCUMENTARY FILM	3
CINEMA 018	INTRODUCTION TO FILM GENRES	3
CINEMA 006	INTRODUCTION TO CINEMATOGRAPHY	3
CINEMA 007	ADVANCED CINEMATOGRAPHY AND CREATIVE TECHNIQUES	3
CINEMA 038-1 OR	MOTION PICTURE STAGE GRIP AND LIGHTING TECHNIQUES	3
CINEMA 038-2	MOTION PICTURE STAGE ELECTRIC AND LIGHTING TECHNIQUES	3
PHOTO 010 OR	BEGINNING PHOTOGRAPHY	3
CINEMA 501	MEDIA AESTHETICS AND DESIGN FOR FILM AND DIGITAL MEDIA	3

Entertainment Industry: Production Assistant

Certificate of Achievement

Major Units: 9
(State Code: 040998; TOP Code: 061220; Academic Plan: C040998D)

The Entertainment Industry: Production Assistant certificate of achievement prepares students for entry level Production Assistant (PA) jobs. Students learn the essentials of "settiquette," set language, resumé and reel preparation, hands-on production, and interviewing, as well as the more "human relations" side of the business: interpersonal and communication skills, team building, and decision-making.

PROGRAM STUDENT LEARNING OUTCOMES

1. Explain the equipment, procedures, and production techniques for single-camera, film-style production and post-production workflow
2. Explain the functioning of the above-the-line and below-the-line motion picture crew and post-production positions and responsibilities.
3. Perform the duties of various technical crew positions in a single-camera production environment while working as a team with fellow production personnel.
4. Demonstrate safe practices and analyze safety issues common to entertainment production.
5. Assess and produce personal resumés and digital video portfolio projects.

PROGRAM REQUIREMENTS

Requirements for the Entertainment Industry: Production Assistant certificate of achievement may be met by completing 9 units of required courses with a grade of "C" or better.

REQUIRED COURSES (9 UNITS)

CINEMA 001	INTRODUCTION TO MOTION PICTURE PRODUCTION	3
CINEMA 002	BEGINNING MOTION PICTURE WORKSHOP	3
CINEMA 060	ENTERTAINMENT INDUSTRY CAREERS BELOW-THE-LINE PRODUCTIONS SKILLS I	3

Screenwriting

Certificate of Achievement

Major Units: 27
(State Code: 40997; TOP Code: 061220; Academic Plan: C040997D)

The Screenwriting certificate of achievement provides students with the skills for writing a feature film, television series, or short film project. Students will be guided from the initial stage of 'spit-balling' their ideas, to 'breaking' their stories, to outlining them, and from there to writing their scripts, beginning with "FADE IN," and ending with "FADE OUT."

Once their rewrites are completed, students will be able to not only to seek representation by agents and managers, but also submit their scripts to screen- and teleplay competitions designed to introduce new writers to content producers in the film and television industries. This is a highly competitive field in which employment is mostly freelance. Jobs include: Staff Writer, Freelance Screenwriter, Story Analyst, Freelance Television Writer, Animation Writer, Copywriter, Communications, Marketing, and Public Relations.

PROGRAM STUDENT LEARNING OUTCOMES

1. Design strategies for developing and creating written projects for sale to film and/or television, and tailoring projects for the distinct and diverse audiences of the various studios, networks, and platforms.
2. Evaluate their own and their fellow students' scripts in a writing-workshop setting that replicates the development process in feature filmmaking and in scripted television production.
3. Demonstrate awareness of screen- and teleplay competitions that are followed by content buyers, agents, and managers, along with an understanding of the various diversity writing workshops available at the major studios and broadcast networks.
4. Differentiate the historical, cultural, and economic influences on the media. Evaluate film and genre history to become conversant with the industry's most-produced and -popular film and television genres.

PROGRAM REQUIREMENTS

Requirements for the Screenwriting certificate of achievement may be met by completing 27 units of required courses with a grade of "C" or better.

REQUIRED COURSES (27 UNITS)

CINEMA 001	INTRODUCTION TO MOTION PICTURE PRODUCTION.	3
CINEMA 002	BEGINNING MOTION PICTURE WORKSHOP	3
CINEMA 003	HISTORY OF MOTION PICTURES	3
CINEMA 005	INTRODUCTION TO SCREENWRITING	3
CINEMA 018	INTRODUCTION TO FILM GENRES	3
T V 025-1	TELEVISION AND FILM WRITING I	3
T V 025-2	TELEVISION AND FILM WRITING II	3
ENGLISH 101	COLLEGE READING AND COMPOSITION I	3
ENGLISH 127 OR	CREATIVE WRITING	3
ENGLISH 240	LITERATURE AND THE MOTION PICTURE I	3

Sound for Film

Certificate of Achievement

Major Units: 21
(State Code: 42564; TOP Code: 061220; Academic Plan: C042564D)

Students earning the Sound for Film certificate of achievement will have received the hands-on training, technical competence, historical context, and principles needed to enter the entertainment work force and launch a career in audio post-production. The classes offered prepare students for a number of industry careers including audio and video technician, sound engineering technician, film and video editor, dialogue editor, ADR recorder/mixer, foley recorder/mixer, re-recording mixer, and sound designer.

PROGRAM STUDENT LEARNING OUTCOMES

1. Demonstrate the techniques of making, recording, and mixing sound for film.
2. Build collaborative skills with video editors and directors.
3. Communicate effectively with musicians, who will compose and/or perform music for the sound design.
4. Demonstrate a working understanding of the complex final stages of mixing for domestic and international markets.

PROGRAM REQUIREMENTS

Requirements for the Sound for Film certificate of achievement may be met by completing 21 units of required courses with a grade of "C" or better.

REQUIRED COURSES (21 UNITS)

CINEMA 001	INTRODUCTION TO MOTION PICTURE PRODUCTION	3
CINEMA 009-1	BEGINNING MOTION PICTURE SOUND PRODUCTION	3
CINEMA 009-2	INTERMEDIATE MOTION PICTURE SOUND AND POST PRODUCTION SOUND DESIGN	2
CINEMA 022	ADVANCED MOTION PICTURE SOUND AND POST PRODUCTION SOUND DESIGN	3
MUSIC 118	FILM MUSIC APPRECIATION	3
MUSIC 137	MUSIC AS A BUSINESS	3
MUSIC 161	INTRODUCTION TO MUSIC TECHNOLOGY	3

TELEVISION

OVERVIEW

The Cinema and Television Department offers a low-cost, comprehensive, hands-on training program that provides both basic and advanced courses in film, video, and television studio production. Located in modern facilities designed by the renowned architect William L. Pereira, the department has audio and camera equipment packages for student use, as well as a sound stage, television three-camera studios, digital editing rooms, screening rooms, non-linear multi-station computer labs, and other audio and video post-production systems. The Television program's first semester consists of a basic studio production class, a lighting and audio course, and history of television. In the following semesters, students can take intermediate and advanced studio production, television news-gathering, digital production, and television writing.

PROGRAMS OFFERED

AWARD	AWARD TYPE	ACADEMIC PLAN	MAJOR UNITS	FA*
Television Production	AA	C008220C	36	Y
Unscripted Television Production	C	C021619D	31-32	Y
Beginning Cinema & Television Production	CS	C060422J	12	N
*FA = Financial Aid Eligible. Yes = Eligible for all aid.				
No = Ineligible for Federal Pell and Cal Grant, FSEOG, Federal Work-Study, and Federal Loans.				
Please consult with Financial Aid Office on award eligibility.				

Television Production

Associate of Arts (AA) Degree

Major Units: 36   Total Units: Minimum of 60
(State Code: 08220; TOP Code: 060420; Academic Plan: C008220C)

The Television Production AA degree provides students with the technical competence, principles, television history, and hands-on training necessary to launch a successful career in television production both above and below the line. We also offer an Associate in Arts transfer degree (AS-T) for those who wish to go on to pursue a degree at a four-year school. Students must complete a minimum of 36 units in Cinema and/or Television, with a minimum of 15 units in Television; TV 001, 004, and 009 must be completed first.

PROGRAM STUDENT LEARNING OUTCOMES

1. Students demonstrate knowledge of the historical, cultural, and economic influences on television.
2. Students demonstrate a breadth of knowledge and command of the processes of writing, production, direction, and distribution of both live-switched television productions including news programs, interview format shows, awards shows, and location TV production.
3. Students compile knowledge of the job market pathways into television.

PROGRAM REQUIREMENTS

Requirements for the Television Production Associate of Arts degree may be met by completing: (a) 12 units of major core courses and 24 units of major elective courses with a grade of "C" or better; (b) all general education requirements (English and Math must be completed with a grade of "C" or better); (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken at LACCD.

MAJOR CORE COURSES (12 UNITS)

T V 001	EVOLUTION OF TELEVISION	3
T V 004	MULTI-CAM TV STUDIO PRODUCTION	3
T V 009	LIVE TELEVISION DIRECTING	3
T V 046	EPISODIC TV PRODUCTION	3

MAJOR ELECTIVE COURSES (SELECT 24 UNITS)

T V 006	MULTIMEDIA PRODUCTION	3
T V 007	TELEVISION HOSTING	3
T V 025-1	TELEVISION AND FILM WRITING I	3
T V 025-2	TELEVISION AND FILM WRITING II	3
T V 048	PRODUCING LIVE TV & PODCASTING	3
T V 049	LIVESTREAM PRODUCTION	3
T V 055	DIGITAL VIDEO PRODUCTION WORKSHOP I	3
T V 185	DIRECTED STUDY - TELEVISION	1
CINEMA 001	INTRODUCTION TO MOTION PICTURE PRODUCTION	3
CINEMA 002	BEGINNING MOTION PICTURE WORKSHOP	3
CINEMA 003	HISTORY OF MOTION PICTURES	3
CINEMA 004	HISTORY OF THE DOCUMENTARY FILM	3
CINEMA 005	INTRODUCTION TO SCREENWRITING	3
CINEMA 006	INTRODUCTION TO CINEMATOGRAPHY	3
CINEMA 007	ADVANCED CINEMATOGRAPHY AND CREATIVE TECHNIQUES	3
CINEMA 009-1	BEGINNING MOTION PICTURE SOUND PRODUCTION	3
CINEMA 009-2	INTERMEDIATE MOTION PICTURE SOUND AND POST PRODUCTION SOUND DESIGN	3
CINEMA 010	INTRODUCTION TO FILM DIRECTING	3
CINEMA 018	INTRODUCTION TO FILM GENRES	3
CINEMA 020	BUSINESS ASPECTS OF MOTION PICTURE PRODUCTION	3
CINEMA 025	PRODUCING MOTION PICTURE FEATURES	3
CINEMA 032-1	EDITING FUNDAMENTALS I	3
CINEMA 032-2	EDITING FUNDAMENTALS II	3
CINEMA 033-1	DIGITAL VIDEO PRODUCTION WORKSHOP I	3
CINEMA 033-2	DIGITAL VIDEO PRODUCTION WORKSHOP II	3
CINEMA 038-1	MOTION PICTURE STAGE GRIP AND LIGHTING TECHNIQUES	3
CINEMA 038-2	MOTION PICTURE STAGE ELECTRIC AND LIGHTING TECHNIQUES	3
CINEMA 185	DIRECTED STUDY – CINEMA	1
CINEMA 501	MEDIA AESTHETICS AND DESIGN FOR FILM AND DIGITAL MEDIA	3
CINEMA 911	COOPERATIVE EDUCATION - CINEMA	1

Courses may be substituted under special circumstances and approval from the department.

Unscripted Television Production

Certificate of Achievement

Major Units: 31-32
(State Code: 21619; TOP Code: 060402; Academic Plan: C021619D)

The Unscripted Television Production Certificate of Achievement provides students with instruction on how to produce unscripted content in a multi-camera television studio environment and the field. Students receive hands-on training in television studio and control room procedures, technical directing, camera & teleprompter operation, audio board operation, graphics, and live-to-tape directing for multi-camera television productions, podcasts, and livestreams.

This program facilitates student preparation for careers in the entertainment industry as producers, directors, camera operators, technical directors, picture and sound editors, sound engineers, and production assistants.

PROGRAM STUDENT LEARNING OUTCOMES

1. Identify key moments in the evolution of television from the earliest days to modern day.
2. Produce unscripted content for television or digital platforms.
3. Perform the duties of various technical crew positions in TV studio and the field.
4. Identify job market pathways into unscripted television and live television broadcasting.

PROGRAM REQUIREMENTS

Requirements for the Unscripted Television Production certificate of achievement may be met by completing 25 units of required courses and 6-7 units of elective courses with a grade of "C" or better.

REQUIRED COURSES (SELECT 25 UNITS)

CINEMA 001	INTRODUCTION TO MOTION PICTURE PRODUCTION	3
CINEMA 002	BEGINNING MOTION PICTURE WORKSHOP	3
T V 001	EVOLUTION OF TELEVISION	3
T V 004	MULTI-CAM TV STUDIO PRODUCTION	2
T V 006	MULTIMEDIA PRODUCTION	3
OR		
T V 007	TELEVISION HOSTING	3
T V 009	LIVE TELEVISION DIRECTING	2
T V 046	EPISODIC TV PRODUCTION	3
T V 048	PRODUCING LIVE TV & PODCASTING	3
OR		
T V 049	LIVESTREAM PRODUCTION	3
T V 055	DIGITAL VIDEO PRODUCTION WORKSHOP I	3

ELECTIVE COURSES (SELECT 6-7 UNITS)

CINEMA 004	HISTORY OF THE DOCUMENTARY FILM	3
CINEMA 006	INTRODUCTION TO CINEMATOGRAPHY	3
CINEMA 009-1	BEGINNING MOTION PICTURE SOUND PRODUCTION	3
CINEMA 009-2	INTERMEDIATE MOTION PICTURE SOUND AND POST-PRODUCTION SOUND DESIGN	3
CINEMA 032-1	EDITING FUNDAMENTALS I	3
CINEMA 032-2	EDITING FUNDAMENTALS II	3
CINEMA 038-1	MOTION PICTURE STAGE GRIP AND LIGHTING TECHNIQUES	3
CINEMA 038-2	MOTION PICTURE STAGE ELECTRIC AND LIGHTING TECHNIQUES	3
CINEMA 911	COOPERATIVE EDUCATION - CINEMA	1

Beginning Cinema & Television Production

Skills Certificate

Major Units: 12
(TOP Code: 060420; Academic Plan: C060422J)

The Beginning Cinema & Television Production skills certificate provides the student with basic skills in single- and multi-camera production.

PROGRAM STUDENT LEARNING OUTCOMES

1. Explain and demonstrate knowledge of cinema and television pre-production techniques by preparing scripts and storyboards for cinema and television projects.
2. Operate cinema and television lighting, cameras, and sound equipment according to industry standards.
3. Utilize post-production cinema techniques to produce digital cinema projects with picture, sound, and editing.

PROGRAM REQUIREMENTS

Requirements for the Beginning Cinema & Television Production skills certificate may be met by completing 12 units of required courses with a grade of "C" or better.

REQUIRED COURSES (12 UNITS)

CINEMA 001	INTRODUCTION TO MOTION PICTURE PRODUCTION	3
CINEMA 002	BEGINNING MOTION PICTURE WORKSHOP	3
T V 004	MULTI-CAM TV STUDIO PRODUCTION	3
T V 009	LIVE TELEVISION DIRECTING	3

Liberal Arts

Liberal Arts: Performing and Visual Arts
Associate of Arts (AA) Degree

Major Units: 18   Total Units: Minimum of 60
(State Code: 30211; TOP Code: 490100; Academic Plan: C030211C)

These courses bring together the performing disciplines of Art, Cinema/TV, Dance, Photography, Music, and Theater. The students will demonstrate through performance how these disciplines integrate and relate to another. Students will be encouraged to work on the interdisciplinary aspect in the 185 Directed Studies through departmental collaborative projects.

PROGRAM STUDENT LEARNING OUTCOMES

1. Communicate effectively, by means of listening, speaking, reading, and writing.
2. Utilize contemporary information technology to retrieve, process, and communicate information.
3. Apply critical thinking skills to solve problems, to evaluate arguments, and to interpret information.
4. Employ scientific inquiry methods to conduct and document meaningful research.

PROGRAM REQUIREMENTS

Requirements for the Performing and Visual Arts Associate of Arts degree may be met by completing: (a) 18 units of major core courses with a grade of "C" or better, chosen from a minimum of two different subjects; (b) all general education requirements; (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken within the LACCD.

MAJOR CORE COURSES (SELECT 18 UNITS):

ART 201	DRAWING I	3
ART 250	INTRODUCTION TO DIGITAL ART	3
ART 501	BEGINNING TWO-DIMENSIONAL DESIGN	3
CINEMA 002	BEGINNING MOTION PICTURE WORKSHOP	3
DANCEST 185	DIRECTED STUDY - DANCE	1
DANCEST 301	CHOREOGRAPHY I	1
DANCEST 302	CHOREOGRAPHY II	1
DANCEST 303	CHOREOGRAPHY III	1
DANCEST 304	CHOREOGRAPHY IV	1
DANCETQ 111	BALLET TECHNIQUES I	1
DANCETQ 112	BALLET TECHNIQUES II	1
DANCETQ 113	BALLET TECHNIQUES III	1
DANCETQ 114	BALLET TECHNIQUES IV	1
DANCETQ 121	JAZZ DANCE TECHNIQUES I	1
DANCETQ 122	JAZZ DANCE TECHNIQUES II	1
DANCETQ 123	JAZZ DANCE TECHNIQUES III	1
DANCETQ 124	JAZZ DANCE TECHNIQUES IV	1
DANCETQ 141	MODERN DANCE TECHNIQUES I	1
DANCETQ 142	MODERN DANCE TECHNIQUES II	1
DANCETQ 143	MODERN DANCE TECHNIQUES III	1
DANCETQ 144	MODERN DANCE TECHNIQUES IV	1
DNCESPC 311	FLAMENCO AND SPANISH DANCE	1
DNCESPC 321	SOCIAL DANCE TECHNIQUES I	1
DNCESPC 331	TAP DANCE TECHNIQUES I	1
MUSIC 311	PIANO I	1
MUSIC 400	VOICE FUNDAMENTALS	1
MUSIC 431	JAZZ AND POPULAR MUSIC VOICE I	1

MUSIC 501	COLLEGE CHOIR	1
MUSIC 601	BRASS INSTRUMENT INSTRUCTION I	2
MUSIC 611	STRING INSTRUMENT INSTRUCTION I	2
MUSIC 621	WOODWIND INSTRUMENT INSTRUCTION I	2
MUSIC 631	PERCUSSION INSTRUMENT INSTRUCTION I	2
MUSIC 650	BEGINNING GUITAR	2
MUSIC 661	JAZZ AND POPULAR MUSIC GUITAR I	2
PHOTO 007	EXPLORING DIGITAL PHOTOGRAPHY	3
PHOTO 010	BEGINNING PHOTOGRAPHY	3
PHOTO 107	INTERMEDIATE DIGITAL PHOTOGRAPHY	3
THEATER 200	INTRODUCTION TO ACTING	3
THEATER 225	BEGINNING DIRECTION	3
THEATER 240	VOICE AND ARTICULATION FOR THE THEATER	3
THEATER 271	INTERMEDIATE ACTING	3
THEATER 300	INTRODUCTION TO STAGE CRAFT	3
THEATER 311	THEATRICAL LIGHTING	3
THEATER 313	SCENIC PAINTING FOR THE THEATER	3
THEATER 314	THEATRICAL SOUND DESIGN FUNDAMENTALS, PROCEDURES/OPERATIONS	3
THEATER 315	INTRODUCTION TO THEATRICAL SCENIC DESIGN	3
THEATER 325	ADVANCED STAGE CRAFT	3
THEATER 338	INTRODUCTION TO DESIGN: THEATER, FILM, AND TV	3
THEATER 400	COSTUME PERIODS AND STYLES	3
THEATER 416	MATERIALS AND METHODS FOR THE COSTUMER	3
THEATER 417	COSTUMING FOR FILM	3

OR

ANY COURSE NOT LISTED ABOVE APPROVED FOR LACCD GE AREA C, CSUGE AREA C1, IGETC AREA 3A, OR CAL-GETC AREA 3A.

Music

Department Chair: Christine Park
For more information visit:
www.lacc.edu/academics/departments

MUSIC

OVERVIEW

The Herb Alpert Music Center at Los Angeles City College offers a streamlined curriculum to create a transfer-ready, work-ready, and enriched student community through the Associate in Arts (AA-T) transfer degree that guarantees transfer to four-year CSU institutions, the Associate of Arts (AA) degree in Music, skill-building certificates, and general music education. Our dedicated and experienced faculty teach distinct and creative courses in theory, musicianship, appreciation, history, technology, performance, and techniques for students at all levels.

The Herb Alpert Music Scholarship provides two years of tuition-free study at LACC for all music majors seeking the Music Associate of Arts degree, Music Associate in Arts transfer degree, and certificates of achievement in music. The scholarship is available for qualified in-state, non-resident, and international students.

The Herb Alpert Music Academy (Applied Music Program) is designed for students seeking to transfer to four-year institutions to complete a Bachelor of Arts or Bachelor of Music degree. Music Academy students receive private lessons to prepare them for auditions and performances. Admission into the Music Academy requires a completed application that includes a video audition. Students accepted into the program must be a full-time music major for two years, enroll in required music courses, and fulfill all the expectations required of an Herb Alpert Music Scholarship student.

Through established transfer agreements, Herb Alpert Music Academy students who complete the required courses have a streamlined pathway to the UCLA Herb Alpert School of Music and are provided priority consideration for transfer to the Herb Alpert School of Music at CalArts. Visit the Music Department website for detailed course requirements.

PROGRAMS OFFERED

AWARD	AWARD TYPE	ACADEMIC PLAN	MAJOR UNITS	FA*
Music	AA-T	C032496G	21-22	Y
Music	AA	C002736C	29	Y
Instrumental Performer	C	C010777D	23-28	Y
Music Songwriting and Composition	C	C036658D	30-37	Y
Music Technology	C	C038233D	29-30	Y
Vocal Performer	C	C010778D	25-30	Y

*FA = Financial Aid Eligible. Yes = Eligible for all aid.
No = Ineligible for Federal Pell and Cal Grant, FSEOG, Federal Work-Study, and Federal Loans.
Please consult with Financial Aid Office on award eligibility.

Music

Associate in Arts (AA-T) Degree

Major Units: 21-22   Total Units: Minimum of 60
(State Code: 32496; TOP Code: 100400; Academic Plan: C032496G)

The Music Associate in Arts (AA-T) transfer degree prepares the student to transfer seamlessly to California State University (CSU) schools through courses that provide practical skills in theory, musicianship, piano, and performance.

To earn the AA-T, students must meet the following requirements:

a. Completion of 60 semester units that are eligible for transfer to the California State University by completing the following:

- The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth (CSU GE-Breadth) requirements; and
- A minimum of 18 semester units in a major or area of emphasis, as approved by the CCC Chancellor's Office.

b. Minimum grade of "C" (or "P") for each course in the major and minimum grade point average of 2.0 or higher. Students completing this degree will have satisfied the lower division major preparation and transfer requirements for priority admission consideration to a local CSU campus.

PROGRAM STUDENT LEARNING OUTCOMES

1. Write, recognize, and interpret the fundamental aspects and principles of music, including music theory, notation, and form.
2. Demonstrate keyboard proficiency.
3. Appreciate music of diverse traditions and contextualize it within historical and contemporary perspectives.
4. Prepare and perform repertoire with stylistically appropriate technique and musicality in a solo and ensemble setting.

PROGRAM REQUIREMENTS

Requirements for the Music Associate in Arts transfer degree may be met by completing: (a) 14 units of major core courses, 3-4 units of "List A" courses, and 4 units of "Large Ensemble" courses with a grade of "C" or better; (b) all CSU GE-Breadth requirements of which Subject Areas A1, A2, A3, and B4 (The "Golden Four") must be completed with a grade of "C-" or better; (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken at LACCD.

MAJOR CORE COURSES (14 UNITS)

MUSIC 200	INTRODUCTION TO MUSIC THEORY	4
MUSIC 201	HARMONY I	3
MUSIC 202	HARMONY II	3
MUSIC 211	MUSICIANSHIP I	1
MUSIC 212	MUSICIANSHIP II	1
MUSIC 181*	APPLIED MUSIC I	0.5
MUSIC 182*	APPLIED MUSIC II	0.5
MUSIC 183*	APPLIED MUSIC III	0.5
MUSIC 184*	APPLIED MUSIC IV	0.5

LIST A (3-4 UNITS)

MUSIC 111	MUSIC APPRECIATION	3
MUSIC 121	MUSIC HISTORY AND LITERATURE II	3
MUSIC 122	MUSIC HISTORY AND LITERATURE II	3
MUSIC 161	INTRODUCTION TO MUSIC TECHNOLOGY	3
MUSIC 203 AND	HARMONY III	3
MUSIC 213	MUSICIANSHIP III	1
MUSIC 311	PIANO I	1
MUSIC 312	PIANO II	1
MUSIC 313	PIANO III	1

LARGE ENSEMBLE** (SELECT 4 UNITS)

MUSIC 501	COLLEGE CHOIR	1
MUSIC 531	PHILHARMONIC CHOIR	1
MUSIC 561	CHAMBER CHORALE	1
MUSIC 702	WORLD MUSIC ENSEMBLE	1
MUSIC 705	CHAMBER MUSIC	1
MUSIC 711	REHEARSAL ORCHESTRA	1
MUSIC 725	COMMUNITY ORCHESTRA	1
MUSIC 751	WIND ENSEMBLE	1
MUSIC 765	PERCUSSION ENSEMBLE	1
MUSIC 771	GUITAR ENSEMBLE	1
MUSIC 781	STUDIO JAZZ BAND	1
MUSIC 782	JAZZ COMBOS	1

Students must apply to enter the Herb Alpert Music Academy (applied music program). Students who qualify will receive additional private lessons (MUSIC 180-1, 180-2, 180-3, 180-4). Students who do not qualify should take group courses in their selected field (instrumental/voice/technology) to develop the skills needed to meet CSU audition requirements.

**Large ensembles are repeatable three times.*

Music

Associate of Arts (AA) Degree

Major Units: 29   Total Units: Minimum of 60
(State Code: 02736; TOP Code: 100400; Academic Plan: C002736C)

The Music Associate of Arts degree provides the student with practical skills in theory, musicianship, piano, and performance. The degree may serve as a basis for further undergraduate education in music or prepare the student for entry into the music industry.

PROGRAM STUDENT LEARNING OUTCOMES

1. Write, recognize, and interpret the fundamental aspects and principles of music, including music theory, notation, and form.
2. Demonstrate keyboard proficiency.
3. Appreciate music of diverse traditions and contextualize it within historical and contemporary perspectives.
4. Prepare and perform repertoire with stylistically appropriate technique and musicality in a solo and ensemble setting.

PROGRAM REQUIREMENTS

Requirements for the Music Associate of Arts degree may be met by completing: (a) 25 units of major core courses and 4 units of ensemble courses with a grade of "C" or better; (b) all general education requirements (English and Math must be completed with a grade of "C" or better); (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken at LACCD.

MAJOR CORE COURSES (22 UNITS)

MUSIC 152-1	CURRENT MUSICAL EVENTS I	1
MUSIC 152-2	CURRENT MUSICAL EVENT II	1
MUSIC 200	INTRODUCTION TO MUSIC THEORY	4
MUSIC 201	HARMONY I	3
MUSIC 202	HARMONY II	3
MUSIC 203	HARMONY III	3
MUSIC 211	MUSICIANSHIP I	1
MUSIC 212	MUSICIANSHIP II	1
MUSIC 213	MUSICIANSHIP III	1
MUSIC 311*	PIANO I	1
MUSIC 312*	PIANO II	1
MUSIC 313*	PIANO III	1
MUSIC 314*	PIANO IV	1

SELECT ONE (3 UNITS)

MUSIC 111	MUSIC APPRECIATION	3
MUSIC 116	SURVEY AND HISTORY OF ROCK, POP AND SOUL MUSIC	3
MUSIC 121	MUSIC HISTORY AND LITERATURE I	3
MUSIC 122	MUSIC HISTORY AND LITERATURE II	3
MUSIC 135	AFRICAN AMERICAN MUSIC	3
MUSIC 136	MUSIC IN AMERICAN CULTURE	3

ENSEMBLE COURSES: SELECT FOUR** (4 UNITS)

MUSIC 501	COLLEGE CHOIR	1
MUSIC 531	PHILHARMONIC CHOIR	1
MUSIC 561	CHAMBER CHORALE	1
MUSIC 702	WORLD MUSIC ENSEMBLE	1
MUSIC 705	CHAMBER MUSIC	1
MUSIC 711	REHEARSAL ORCHESTRA	1
MUSIC 725	COMMUNITY ORCHESTRA	1
MUSIC 751	WIND ENSEMBLE	1
MUSIC 765	PERCUSSION ENSEMBLE	1
MUSIC 771	GUITAR ENSEMBLE	1
MUSIC 781	STUDIO JAZZ BAND	1
MUSIC 782	JAZZ COMBOS	1

Or more advanced level.

**Ensemble courses are repeatable.*

Instrumental Performer

Certificate of Achievement

Major Units: 23-28
(State Code: 10777; TOP Code: 100500; Academic Plan: C010777D)

The Instrumental Performer certificate of achievement provides the student a pathway to a career in teaching courses in music, directing and conducting instrumental groups, and playing the chosen instrument in solo or ensemble performance. The student will gain knowledge and practical and technical skills in their chosen instrument (piano, guitar, strings, woodwinds, brass, percussion), theory, musicianship, and ensemble performance.

PROGRAM STUDENT LEARNING OUTCOMES

1. Prepare and perform instrumental repertoire with stylistically appropriate technique and musicality in a solo and ensemble setting.
2. Understand and interpret music notation.
3. Demonstrate keyboard proficiency.

PROGRAM REQUIREMENTS

Requirements for the Instrumental Performer certificate of achievement may be met by completing 23-28 units of required and specialization courses with a grade of "C" or better.

REQUIRED COURSES

MUSIC 137	MUSIC AS A BUSINESS	3
MUSIC 152-1	CURRENT MUSICAL EVENTS I	1
MUSIC 152-2	CURRENT MUSICAL EVENTS II	1
MUSIC 200	INTRODUCTION TO MUSIC THEORY	4
MUSIC 111 OR	MUSIC APPRECIATION	3
MUSIC 116 OR	SURVEY AND HISTORY OF ROCK, POP AND SOUL MUSIC	3
MUSIC 118 OR	FILM MUSIC APPRECIATION	3
MUSIC 141	JAZZ APPRECIATION	3

ENSEMBLE: SELECT FOUR*

MUSIC 501	COLLEGE CHOIR	1
MUSIC 531	PHILHARMONIC CHOIR	1
MUSIC 561	CHAMBER CHORALE	1
MUSIC 702	WORLD MUSIC ENSEMBLE	1
MUSIC 705	CHAMBER MUSIC	1
MUSIC 711	REHEARSAL ORCHESTRA	1
MUSIC 725	COMMUNITY ORCHESTRA	1
MUSIC 751	WIND ENSEMBLE	1
MUSIC 765	PERCUSSION ENSEMBLE	1
MUSIC 771	GUITAR ENSEMBLE	1
MUSIC 781	STUDIO JAZZ BAND	1
MUSIC 782	JAZZ COMBOS	1

Ensemble courses are repeatable three times

SPECIALIZATION COURSES

PIANO (23 TO 28 UNITS TOTAL)

MUSIC 311	PIANO I	1
MUSIC 312	PIANO II	1
MUSIC 313	PIANO III	1
MUSIC 314 OR	PIANO IV	1
MUSIC 341-1	INTERMEDIATE PIANO I	2
MUSIC 341-2	INTERMEDIATE PIANO II	2
MUSIC 341-3	INTERMEDIATE PIANO III	2
MUSIC 341-4 OR	INTERMEDIATE PIANO IV	2
MUSIC 361-1	COMMERCIAL PIANO TECHNIQUES WORKSHOP I	2
MUSIC 361-2	JAZZ AND POPULAR MUSIC PIANO II	2
MUSIC 361-3	JAZZ AND POPULAR MUSIC PIANO III	2
MUSIC 361-4	JAZZ AND POPULAR MUSIC PIANO IV	2
MUS 271 OR	SONGWRITERS WORKSHOP	3
MUS 205 OR	COMMERCIAL HARMONY I	3
MUS 201 AND	HARMONY I	3
MUS 211	MUSICIANSHIP I	1

BRASS (26 UNITS TOTAL)

MUSIC 311*	PIANO I	1
MUSIC 312*	PIANO II	1
MUSIC 601	BRASS INSTRUMENT INSTRUCTION I	2
MUSIC 602	BRASS INSTRUMENT INSTRUCTION II	2
MUSIC 603	BRASS INSTRUMENT INSTRUCTION III	2
MUSIC 604	BRASS INSTRUMENT INSTRUCTION IV	2

STRINGS (26 UNITS TOTAL)

MUSIC 311*	PIANO I	1
MUSIC 312*	PIANO II	1
MUSIC 611	STRING INSTRUMENT INSTRUCTION I	2
MUSIC 612	STRING INSTRUMENT INSTRUCTION II	2
MUSIC 613	STRING INSTRUMENT INSTRUCTION III	2
MUSIC 614	STRING INSTRUMENT INSTRUCTION IV	2

WOODWINDS (26 UNITS TOTAL)

MUSIC 311*	PIANO I	1
MUSIC 312*	PIANO II	1
MUSIC 621	WOODWIND INSTRUMENT INSTRUCTION I	2
MUSIC 622	WOODWIND INSTRUMENT INSTRUCTION II	2
MUSIC 623	WOODWIND INSTRUMENT INSTRUCTION III	2
MUSIC 624	WOODWIND INSTRUMENT INSTRUCTION IV	2

PERCUSSION (26 UNITS TOTAL)

MUSIC 311*	PIANO I	1
MUSIC 312*	PIANO II	1
MUSIC 631	PERCUSSION INSTRUMENT INSTRUCTION I	2
MUSIC 632	PERCUSSION INSTRUMENT INSTRUCTION II	2
MUSIC 633	PERCUSSION INSTRUMENT INSTRUCTION III	2
MUSIC 634	PERCUSSION INSTRUMENT INSTRUCTION IV	2

GUITAR (26 UNITS TOTAL)

MUSIC 311*	PIANO I	1
MUSIC 312*	PIANO II	1
MUSIC 650	BEGINNING GUITAR	2
MUSIC 651	CLASSICAL GUITAR I	2
MUSIC 652	CLASSICAL GUITAR II	2
MUSIC 653 OR	CLASSICAL GUITAR III	2
MUSIC 661	JAZZ AND POPULAR MUSIC GUITAR I	2
MUSIC 662	JAZZ AND POPULAR MUSIC GUITAR II	2
MUSIC 663	JAZZ AND POPULAR MUSIC GUITAR III	2

MUSIC ACADEMY (APPLIED MUSIC) TRACK (26 UNITS TOTAL)

MUSIC 181	APPLIED MUSIC I	0.5
MUSIC 182	APPLIED MUSIC II	0.5
MUSIC 183	APPLIED MUSIC III	0.5
MUSIC 184	APPLIED MUSIC IV	0.5
MUSIC 180-1	APPLIED MUSIC LABORATORY I	1.5
MUSIC 180-2	APPLIED MUSIC LABORATORY II	1.5
MUSIC 180-3	APPLIED MUSIC LABORATORY III	1.5
MUSIC 180-4	APPLIED MUSIC LABORATORY IV	1.5

Or higher level

Music Songwriting and Composition
Certificate of Achievement

Major Units: 30-37
(State Code: 36658; TOP Code: 100500; Academic Plan: C036658D)

The Music Songwriting and Composition certificate of achievement provides the student a pathway to a career in teaching music and writing and transcribing musical scores. The student will gain knowledge and practical and technical skills in composition, theory, musicianship, piano, and the music business.

PROGRAM STUDENT LEARNING OUTCOMES

1. Apply stylistically appropriate musical conventions in the creation of original music.
2. Understand and interpret music notation.
3. Demonstrate keyboard proficiency.

PROGRAM REQUIREMENTS

Requirements for the Music Songwriting and Composition certificate of achievement may be met by completing 30-37 units of required courses with a grade of "C" or better.

REQUIRED COURSES (30-37 UNITS)

MUSIC 137	MUSIC AS A BUSINESS	3

THEORY LEVEL 1 (7-8 UNITS)

MUSIC 200	INTRODUCTION TO MUSIC THEORY	4
MUSIC 201 AND	HARMONY I	3
MUSIC 211 OR	MUSICIANSHIP I	1
MUSIC 205	COMMERCIAL HARMONY III	3

THEORY LEVEL 2 (3-4 UNITS)

MUSIC 202 AND	HARMONY II	3
MUSIC 212 OR	MUSICIANSHIP II	1
MUSIC 206	COMMERCIAL HARMONY II	3

THEORY LEVEL 3 (3-4 UNITS)

MUSIC 203 AND	HARMONY III	3
MUSIC 213 OR	MUSICIANSHIP III	1
MUSIC 207	COMMERCIAL HARMONY III	3

ADVANCED THEORY 1: SELECT ONE (3 UNITS)

MUSIC 224	COMPOSITION	3
MUSIC 271	SONGWRITERS' WORKSHOP I	3

ADVANCED THEORY 2: SELECT ONE (3 UNITS)

MUSIC 221	COUNTERPOINT I	3
MUSIC 223	TWENTIETH CENTURY COMPOSITIONAL TECHNIQUES	3
MUSIC 231	ORCHESTRATION AND ARRANGING I	3
MUSIC 272	SONGWRITERS' WORKSHOP II	3

APPRECIATION: SELECT ONE (3 UNITS)

MUSIC 111	MUSIC APPRECIATION	3
MUSIC 116	SURVEY AND HISTORY OF ROCK, POP AND SOUL MUSIC	
MUSIC 118	FILM MUSIC APPRECIATION	3
MUSIC 121	MUSIC HISTORY AND LITERATURE I	3
MUSIC 122	MUSIC HISTORY AND LITERATURE II	3
MUSIC 141	JAZZ APPRECIATION	3

INSTRUMENT LEVEL 1: SELECT ONE (1-2 UNITS)

MUSIC 311*	PIANO I	1
MUSIC 341-1	INTERMEDIATE PIANO I	2
MUSIC 361-1	COMMERCIAL PIANO	2

	TECHNIQUES WORKSHOP I	2

INSTRUMENT LEVEL 2: SELECT ONE (1-2 UNITS)

MUSIC 312*	PIANO II	1
MUSIC 341-2	INTERMEDIATE PIANO II	2
MUSIC 361-2	JAZZ AND POPULAR MUSIC PIANO II	2

INSTRUMENT LEVEL 3: SELECT ONE (1-2 UNITS)

MUSIC 313*	PIANO III	1
MUSIC 341-3	INTERMEDIATE PIANO III	2
MUSIC 361-3	JAZZ AND POPULAR MUSIC PIANO III	2
MUSIC 601*	BRASS INSTRUMENT INSTRUCTION I	2
MUSIC 611*	STRING INSTRUMENT INSTRUCTION I	2
MUSIC 621*	WOODWIND INSTRUMENT INSTRUCTION I	2
MUSIC 631*	PERCUSSION INSTRUMENT INSTRUCTION I	2
MUSIC 650*	BEGINNING GUITAR	2

INSTRUMENT LEVEL 4: SELECT ONE (1-2 UNITS)

MUSIC 314*	PIANO IV	1
MUSIC 341-4	INTERMEDIATE PIANO IV	2
MUSIC 361-4	JAZZ AND POPULAR MUSIC PIANO IV	2
MUSIC 602*	BRASS INSTRUMENT INSTRUCTION II	2
MUSIC 612*	STRING INSTRUMENT INSTRUCTION II	2
MUSIC 622*	WOODWIND INSTRUMENT INSTRUCTION II	2
MUSIC 632*	PERCUSSION INSTRUMENT INSTRUCTION II	2
MUSIC 651*	CLASSICAL GUITAR I	2

ENSEMBLE COURSE: SELECT ONE (1 UNIT)

MUSIC 501	COLLEGE CHOIR	1
MUSIC 531	PHILHARMONIC CHOIR	1
MUSIC 561	CHAMBER CHORALE	1
MUSIC 702	WORLD MUSIC ENSEMBLE	1
MUSIC 705	CHAMBER MUSIC	1
MUSIC 711	REHEARSAL ORCHESTRA	1
MUSIC 725	COMMUNITY ORCHESTRA	1
MUSIC 751	WIND ENSEMBLE	1
MUSIC 765	PERCUSSION ENSEMBLE	1
MUSIC 771	GUITAR ENSEMBLE	1
MUSIC 781	STUDIO JAZZ BAND	1
MUSIC 782	JAZZ COMBOS	1

Music Technology
Certificate of Achievement

Major Units: 29-30
(State Code: 38233; TOP Code: 100500; Academic Plan: C038233D)

The Music Technology certificate of achievement provides the student a pathway to a career using audio and video equipment, and operating equipment to record, synchronize, mix, or reproduce music. The student will gain knowledge and practical and technical skills in music technology, music business, and theory.

PROGRAM STUDENT LEARNING OUTCOMES

1. Record, mix, and master music in a digital audio workstation (DAW).
2. Create music notation at a professional level using notation software.
3. Demonstrate basic keyboard proficiency.
4. Create, edit, and synchronize music and sound effects with video.

PROGRAM REQUIREMENTS

Requirements for the Music Technology certificate of achievement may be met by completing 29-30 units of required courses with a grade of "C" or better.

REQUIRED COURSES (29-30 UNITS)

MUSIC 101	FUNDAMENTALS OF MUSIC	3
OR		
MUSIC 200	INTRODUCTION TO MUSIC THEORY	4
MUSIC 137	MUSIC AS A BUSINESS	3
MUSIC 161	INTRODUCTION TO MUSIC TECHNOLOGY	3
MUSIC 261-1	MUSIC TECHNOLOGY WORKSHOP I	3
MUSIC 261-2	MUSIC TECHNOLOGY WORKSHOP II	3
MUSIC 261-3	MUSIC TECHNOLOGY WORKSHOP III	3
MUSIC 271	SONGWRITERS' WORKSHOP I	3
MUSIC 291	MUSIC PRODUCTION FOR MULTIMEDIA I	2
MUSIC 292	MUSIC PRODUCTION FOR MULTIMEDIA II	2
MUSIC 311	PIANO I	1
MUSIC 312	PIANO II	1

ENSEMBLE: SELECT TWO**

MUSIC 501	COLLEGE CHOIR	1
MUSIC 531	PHILHARMONIC CHOIR	1
MUSIC 561	CHAMBER CHORALE	1
MUSIC 702	WORLD MUSIC ENSEMBLE	1
MUSIC 705	CHAMBER MUSIC	1
MUSIC 711	REHEARSAL ORCHESTRA	1
MUSIC 725	COMMUNITY ORCHESTRA	1
MUSIC 751	WIND ENSEMBLE	1
MUSIC 765	PERCUSSION ENSEMBLE	1
MUSIC 771	GUITAR ENSEMBLE	1
MUSIC 781	STUDIO JAZZ BAND	1
MUSIC 782	JAZZ COMBOS	1

**Ensemble courses are repeatable three times

Vocal Performer

Certificate of Achievement

Major Units: 25-30
(State Code: 10778; TOP Code: 100500; Academic Plan: C010778D)

The Vocal Performer certificate of achievement provides the student a pathway to a career in teaching courses in music, directing and conducting instrumental groups, and singing in solo or ensemble performance. The student will gain knowledge and practical and technical skills in voice, theory, musicianship, and ensemble performance.

PROGRAM STUDENT LEARNING OUTCOMES

1. Prepare and perform vocal repertoire with stylistically appropriate technique and musicality in a solo and ensemble setting.
2. Understand and interpret music notation.
3. Demonstrate keyboard proficiency.

PROGRAM REQUIREMENTS

Requirements for the Vocal Performer certificate of achievement may be met by completing 25-30 units of required courses and specializations with a grade of "C" or better.

REQUIRED COURSES (25-30 UNITS)

MUSIC 137	MUSIC AS A BUSINESS	3
MUSIC 152-1	CURRENT MUSICAL EVENTS I	1
MUSIC 152-2	CURRENT MUSICAL EVENTS II	1
MUSIC 200	INTRODUCTION TO MUSIC THEORY	4

MUSIC 311	PIANO I	1
MUSIC 312	PIANO II	1
MUSIC 271	SONGWRITERS' WORKSHOP I	3
OR		
MUSIC 205	COMMERCIAL HARMONY I	3
OR		
MUSIC 201	HARMONY I	3
AND		
MUSIC 211	MUSICIANSHIP I	1
MUSIC 111	MUSIC APPRECIATION	3
OR		
MUSIC 116	SURVEY AND HISTORY OF ROCK, POP AND SOUL MUSIC	3
OR		
MUSIC 118	FILM MUSIC APPRECIATION	3
OR		
MUSIC 141	JAZZ APPRECIATION	3

ENSEMBLE: SELECT FOUR*

MUSIC 501	COLLEGE CHOIR	1
MUSIC 531	PHILHARMONIC CHOIR	1
MUSIC 561	CHAMBER CHORALE	1
MUSIC 702	WORLD MUSIC ENSEMBLE	1
MUSIC 705	CHAMBER MUSIC	1
MUSIC 711	REHEARSAL ORCHESTRA	1
MUSIC 725	COMMUNITY ORCHESTRA	1
MUSIC 751	WIND ENSEMBLE	1
MUSIC 765	PERCUSSION ENSEMBLE	1
MUSIC 771	GUITAR ENSEMBLE	1
MUSIC 781	STUDIO JAZZ BAND	1
MUSIC 782	JAZZ COMBOS	1

*Ensemble courses are repeatable three times

COMMERCIAL VOICE TRACK

MUSIC 400	VOICE FUNDAMENTALS	1
MUSIC 431	JAZZ AND POPULAR MUSIC VOICE I	1
MUSIC 432	JAZZ AND POPULAR MUSIC VOICE II	1
MUSIC 433	JAZZ AND POPULAR MUSIC VOICE III	1

CLASSICAL VOICE TRACK

MUSIC 400	VOICE FUNDAMENTALS	1
MUSIC 401	CLASSICAL VOICE I	1
MUSIC 402	CLASSICAL VOICE II	1
MUSIC 403	CLASSICAL VOICE III	1

MUSIC ACADEMY (APPLIED MUSIC) TRACK

MUSIC 181	APPLIED MUSIC I	0.5
MUSIC 182	APPLIED MUSIC II	0.5
MUSIC 183	APPLIED MUSIC III	0.5
MUSIC 184	APPLIED MUSIC IV	0.5
MUSIC 180-1	APPLIED MUSIC LABORATORY I	1.5
MUSIC 180-2	APPLIED MUSIC LABORATORY II	1.5
MUSIC 180-3	APPLIED MUSIC LABORATORY III	1.5
MUSIC 180-4	APPLIED MUSIC LABORATORY IV	1.5

Theater Arts

Department Chair: Eddie Bledsoe
For more information visit:
www.lacc.edu/academics/departments

THEATER - ACTING

OVERVIEW

The Theater Academy Acting degree and Professional Actor skills certificates are part of a rigorous, full-time professional program that develops student skills and talent in a progressive and integrated curriculum combined with extensive and dynamic hands-on production that results in creative growth and skill attainment. The programs require dedication and respect for the art and craft of acting. The intensive curriculum demands self-discipline, organization, and a determination to challenge one's own limits.

The Theatre Arts AA-T degree prepares the student for transfer to four-year institutions of higher education and is specifically intended to satisfy lower division requirements for a baccalaureate degree in Theatre Arts at a California State University (CSU) school.

PROGRAMS OFFERED

AWARD	AWARD TYPE	ACADEMIC PLAN	MAJOR UNITS	FA*
Theatre Arts	AA-T	C033157G	19	Y
Theater Academy Acting	AA	C008234C	55	Y
Professional Actor Training - Level 1	C	C040592D	21	Y
Professional Actor Training - Level 2	C	C040593D	43	Y
Professional Actor Training - Level 3	C	C040596D	59-60	Y

*FA = Financial Aid Eligible. Yes = Eligible for all aid.
No = Ineligible for Federal Pell and Cal Grant, FSEOG, Federal Work-Study, and Federal Loans. Please consult with Financial Aid Office on award eligibility.

Theatre Arts

Associate in Arts (AA-T) Degree

Major Units: 19   Total Units: Minimum of 60
(State Code: 33157; TOP Code: 100700; Academic Plan: C033157G)

The Theatre Arts Associate in Arts transfer degree is designed to prepare the student for transfer to four-year institutions of higher education and is specifically intended to satisfy lower division requirements for a baccalaureate degree in Theatre Arts at a California State University (CSU) school. The Theatre Arts degree coursework provides students with a comprehensive learning environment of both theoretical class work and hands-on experiences including production laboratory classes and all phases of play production. Students completing the degree have the foundations to continue their studies at a four-year institution for an advanced degree in Theatre Arts. The knowledge and skills offered in this degree lead students to develop foundational knowledge including

topics and issues that develop their visual knowledge and theory, their creativity and self-expression, and their ability to generate visual artworks that evidence their uniqueness in relation to both personal and cultural identity.

To earn the AA-T, students must meet the following requirements:

a. Completion of 60 semester units that are eligible for transfer to the California State University by completing the following:

  - The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth (CSU GE-Breadth) requirements; and
  - A minimum of 18 semester units in a major or area of emphasis, as approved by the CCC Chancellor's Office.

b. A minimum grade point average of 2.0 or higher. Students completing this degree will have satisfied the lower division major preparation and transfer requirements for priority admission consideration to a local CSU campus.

PROGRAM STUDENT LEARNING OUTCOMES

1. Identify and comprehend in theatre literature, specific styles, practices, systems, aesthetics, and historical context of storytelling through creative expression.
2. Perform in scenes or serve as technicians, designers, or production crew; or serve as costume designers or production crew in fully realized play productions.
3. Demonstrate excellence in team practices and professional ethics.

PROGRAM REQUIREMENTS

Requirements for the Theatre Arts Associate in Arts transfer degree may be met by completing: (a) 10 units of major core courses and 9 units from "List A" with a grade of "C" or better; (b) all CSU GE-Breadth requirements of which Subject Areas A1, A2, A3, and B4 (The "Golden Four") must be completed with a grade of "C-" or better; (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken at LACCD.

MAJOR CORE COURSES (10 UNITS)

THEATER 100	INTRODUCTION TO THE THEATER	3
OR		
THEATER 110	HISTORY OF THE WORLD THEATER	3
THEATER 200	INTRODUCTION TO ACTING	3
OR		
THEATER 270	BEGINNING ACTING	3
THEATER 294-1	REHEARSALS AND PERFORMANCES I	4
OR		
THEATER 335-1	APPLIED STAGE MANAGEMENT AND PRODUCTION I	4
OR		
THEATER 345	TECHNICAL STAGE PRODUCTION	3
OR		
THEATER 425-1	APPLIED COSTUMING FOR THE THEATER I	4

LIST A: SELECT THREE COURSES (9 UNITS)

THEATER 272	INTERMEDIATE APPLIED ACTING	3
THEATER 300	INTRODUCTION TO STAGE CRAFT	3
THEATER 311	THEATRICAL LIGHTING	3
THEATER 338	INTRODUCTION TO DESIGN: THEATER, FILM, AND TV	3
THEATER 415	COSTUME DESIGN FOR THE THEATRE	3

Theater Academy Acting

Associate of Arts (AA) Degree

Major Units: 55   Total Units: Minimum of 60
(State Code: 08234; TOP Code: 100700; Academic Plan: C008234C)

The Theater Academy Acting degree introduces the student to acting fundamentals through specific movement and vocal techniques, observation exercises, and scene study.

PROGRAM STUDENT LEARNING OUTCOMES

1. Identify and comprehend in theatre literature, specific styles, practices, systems, aesthetics, and historical context of storytelling through creative expression.
2. Perform in scenes or serve as technicians, designers, or production crew in fully realized play productions.
3. Demonstrate excellence in team practices and professional ethics.

PROGRAM REQUIREMENTS

Requirements for the Theater Academy Acting Associate of Arts degree may be met by completing: (a) 55 units of major core courses with a grade of "C" or better; (b) all general education requirements (English and Math must be completed with a grade of "C" or better); (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken at LACCD.

MAJOR CORE COURSES (55 UNITS)

THEATER 100	INTRODUCTION TO THE THEATER	3
THEATER 105-1	THEATER SURVEY I- LITERATURE	1
THEATER 105-2	THEATER SURVEY II- PERFORMANCE	1
THEATER 105-3	THEATER SURVEY III- DESIGN TECHNOLOGY	1
THEATER 105-4	THEATER SURVEY IV- AUDIENCE EXPERIENCE	1
THEATER 110	HISTORY OF THE WORLD THEATER	3
THEATER 235-1	PLAY PRODUCTION AND COMPANY PERFORMANCE I	5
THEATER 242-1	VOCAL AND PHYSICAL DEVELOPMENT- LEVEL I	2.5
THEATER 242-2	VOCAL AND PHYSICAL DEVELOPMENT- LEVEL II	2.5
THEATER 242-3	VOCAL AND PHYSICAL DEVELOPMENT- LEVEL III	2.5
THEATER 242-4	VOCAL AND PHYSICAL DEVELOPMENT- LEVEL IV	2.5
THEATER 270*	BEGINNING ACTING	3
THEATER 272	INTERMEDIATE APPLIED ACTING	3
THEATER 274-1	ADVANCED APPLIED ACTING-LEVEL I	3
THEATER 276-1	ACTORS' WORKSHOP-LEVEL I	3
THEATER 277	CHARACTER ANALYSIS	3
THEATER 294-1	REHEARSALS AND PERFORMANCES I	4
THEATER 294-2	REHEARSALS AND PERFORMANCES II	4
THEATER 300	INTRODUCTION TO STAGE CRAFT	3
THEATER 345	TECHNICAL STAGE PRODUCTION	4

It is strongly recommended that students with no prior acting experience begin their studies by first taking THEATER 200 INTRODUCTION TO ACTING (3 units) before taking THEATER 270. Students should contact the Department for guidance.

Professional Actor Training - Level 1

Certificate of Achievement

Major Units: 21
(State Code: 40592; TOP Code: 100700; Academic Plan: C040592D)

The Professional Actor Training Level 1 certificate of achievement introduces the student to acting fundamentals through specific movement and vocal techniques, observation exercises, and scene study. The ultimate goal is to develop a firm foundation in basic acting skills and a strong respect and appreciation for all aspects of the theater. All training is geared toward preparing students for careers in acting; teaching drama (postsecondary); entertainment and performance; and production and directing.

PROGRAM STUDENT LEARNING OUTCOMES

1. Develop competency of basic acting skills and techniques in the areas of physical and vocal characterization.
2. Perform substantial and challenging roles in the realization of classroom performances in the form of final exams, scene study, and auto dramas.
3. Identify, comprehend, and apply an understanding of theater literature and visual styles, practices, systems, and historical context used within the realization of theater events.
4. Serve as technical crew in the production of costumes, lighting, sound, or scenery or front of house, in the realization of a fully produced theater event.

PROGRAM REQUIREMENTS

Requirements for the Professional Actor Training - Level 1 skills certificate may be met by completing 21 units of required courses with a grade of "C" or better.

REQUIRED COURSES (21 UNITS)

THEATER 105-1	THEATER SURVEY I- LITERATURE	1
THEATER 242-1	VOCAL AND PHYSICAL DEVELOPMENT LEVEL I	2.5
THEATER 345	TECHNICAL STAGE PRODUCTION	4
THEATER 270*	BEGINNING ACTING	3
THEATER 105-2	THEATER SURVEY II- PERFORMANCE	1
THEATER 242-2	VOCAL AND PHYSICAL DEVELOPMENT LEVEL II	2.5
THEATER 294-1	REHEARSALS AND PERFORMANCES I	4
THEATER 272	INTERMEDIATE APPLIED ACTING	3

It is strongly recommended that students with no prior acting experience begin their studies by first taking THEATER 200 INTRODUCTION TO ACTING (3 units) before taking THEATER 270. Students should contact the Department for guidance.

Professional Actor Training - Level 2
Certificate of Achievement

Major Units: 43 (all units from Level 1 plus 22 units)
(State Code: 40593; TOP Code: 100700; Academic Plan: C040593D)

The Professional Actor Training Level 2 certificate of achievement provides the acting student with more advanced skills through specific movement and vocal techniques, observation exercises, and scene study. The goal is to continue the development of a firm foundation in acting skills and a strong respect and appreciation for all aspects of the theater. All training is geared toward preparing students for careers in acting; teaching drama (postsecondary); entertainment and performance; and production and directing.

PROGRAM STUDENT LEARNING OUTCOMES

1. Develop competency of intermediate acting skills and techniques in the areas of physical and vocal characterization.
2. Perform substantial and challenging roles in the realization of stage performances in the form of production, scene study, and final exams.
3. Identify, comprehend, and apply an understanding of theater literature and visual styles, practices, systems, and historical context used within the realization of theater events.
4. Serve in the realization of a fully produced theater event.

PROGRAM REQUIREMENTS

Requirements for the Professional Actor Training - Level 2 certificate of achievement may be met by completing the 21 units of Professional Actor Training - Level 1 and 22 units of additional required courses with a grade of "C" or better.

ADDITIONAL REQUIRED COURSES (22 UNITS)

THEATER 105-3	THEATER SURVEY III- DESIGN TECHNOLOGY	1
THEATER 242-3	VOCAL AND PHYSICAL DEVELOPMENT LEVEL III	2.5
THEATER 235-1	PLAY PRODUCTION AND COMPANY PERFORMANCE I	5
THEATER 274-1	ADVANCED APPLIED ACTING-LEVEL I	3
THEATER 105-4	THEATER SURVEY IV- AUDIENCE EXPERIENCE	1
THEATER 242-4	VOCAL AND PHYSICAL DEVELOPMENT LEVEL IV	2.5
THEATER 294-2	REHEARSALS AND PERFORMANCES - 2	4
THEATER 276-1	ACTORS' WORKSHOP-LEVEL I	3

Professional Actor Training - Level 3
Certificate of Achievement

Major Units: 59-60 (all units from Level 2 plus 16-17 units)
(State Code: 40596; TOP Code: 100700; Academic Plan: C040596D)

The Professional Actor Training Level 3 certificate of achievement provides students with specialized training through advanced coursework in directing, acting for the camera, rehearsal and performance, scene study, and classical acting. Audition and cold reading techniques, resume preparation, and career marketing provide the student with skills needed to work in the highly competitive fields of theater, film, and television. All training is geared toward preparing students for careers in acting; teaching drama (postsecondary); entertainment and performance; and production and directing.

PROGRAM STUDENT LEARNING OUTCOMES

1. Demonstrate competency of advanced acting skills and techniques in the areas of physical and vocal characterization.
2. Perform substantial and challenging roles in the realization of a fully produced theater event.
3. Identify, comprehend, and apply an understanding of theater literature and visual styles, practices, systems, and historical context used within the realization of theater events.
4. Demonstrate excellence in team practices and professional ethics.

PROGRAM REQUIREMENTS

Requirements for the Professional Actor Training - Level 3 certificate of achievement may be met by completing Professional Actor Training - Level 2 and 16-17 units of additional required courses with a grade of "C" or better.

ADDITIONAL REQUIRED COURSES (16-17 UNITS)

THEATER 225	BEGINNING DIRECTION	3
THEATER 275 OR	SCENE STUDY	2
THEATER 262-1	SPECIAL PROJECTS I	2
THEATER 210 OR	INTRODUCTION TO ORAL INTERPRETATION OF DRAMATIC LITERATURE	3
THEATER 212	INTRODUCTION TO ORAL INTERPRETATION OF SHAKESPEAREAN LITERATURE	3
THEATER 235-2	PLAY PRODUCTION AND COMPANY PERFORMANCE II	5
THEATER 277	CHARACTER ANALYSIS	3

THEATER - COSTUME DESIGN

OVERVIEW

The Costume Design programs train costume professionals through hands-on training for theater and film.

PROGRAMS OFFERED

AWARD	AWARD TYPE	ACADEMIC PLAN	MAJOR UNITS	FA*
Costume Design Level 1	C	C040987D	25	Y
Costume Design Level 2	C	C031738D	47	Y

*FA = Financial Aid Eligible. Yes = Eligible for all aid.
No = Ineligible for Federal Pell and Cal Grant, FSEOG, Federal Work-Study, and Federal Loans.
Please consult with Financial Aid Office on award eligibility.

Costume Design Level 1

Certificate of Achievement

Major Units: 25
(State Code: 40987; TOP Code: 100600; Academic Plan: C040987D)

The Costume Design Level 1 program emphasizes historical costume, costume design, drawing, costume shop discipline and organization, costume storage organization, sewing, and stagecraft. All training is geared towards preparing students for the Costume Design Level 2 program and careers in costuming, costume design, and related industries.

PROGRAM STUDENT LEARNING OUTCOMES

1. Demonstrate basic competency and use of costume shop tools for the design, production, maintenance, and alteration of costume garments.
2. Demonstrate basic proficiency in hand sewing, basic pattern drafting, machine sewing, and rendering.
3. Organize data in a computer database.
4. Serve as technical crew, designer's assistant, designers and/or crew heads in the realization of costumes for a fully produced theater event.
5. Identify theater literature and visual styles, practices, systems, and historical context used within the realization of theater events.

PROGRAM REQUIREMENTS

Requirements for the Costume Design Level 1 certificate of achievement may be met by completing 13 units of required courses and 12 units of elective courses with a grade of "C" or better.

REQUIRED COURSES (13 UNITS)

THEATER 400	COSTUME PERIODS AND STYLES	3
THEATER 425-1	APPLIED COSTUMING FOR THE THEATER - 1	4
THEATER 425-2	APPLIED COSTUMING FOR THE THEATER - 2	4
THEATER 262-1	SPECIAL PROJECTS - 1	2

ELECTIVE COURSES: SELECT FOUR COURSES (12 UNITS)

THEATER 411	COSTUMING FOR THE THEATER	3
THEATER 413	COSTUME DYEING AND PAINTING	3
THEATER 414	COSTUME DRAPING AND ACCESSORIES	3
THEATER 415	COSTUME DESIGN FOR THE THEATRE	3
THEATER 416	MATERIALS AND METHODS FOR THE COSTUMER	3
THEATER 417	COSTUMING FOR FILM	3
THEATER 419	ADVANCED COSTUME ILLUSTRATION	3
THEATER 420	COSTUMING ON SET	3

Costume Design Level 2

Certificate of Achievement

Major Units: 47 (25 units from Level 1 plus 22 units)
(State Code: 31738; TOP Code: 100600; Academic Plan: C031738D)

The Costume Design Level 2 certificate of achievement trains costumers and designers through a broad-based theatre curriculum with continual reference to the requirements and differences of television, video, and film costuming. The hands-on curriculum guides the student through methods of costume construction, procedures for handling theatrical wardrobe and organizational techniques, analyzing scripts from a costume perspective, dealing with costuming emergencies, and understanding director/designer relationships. This hands-on program stresses shop discipline, organization, maintenance, and procedures. The final semesters of study focus on the student's individual interests and talents, including the development of a portfolio, the design of an LACC production, or internship at one of the Los Angeles theaters.

PROGRAM STUDENT LEARNING OUTCOMES

1. Demonstrate advanced competency and use of costume shop tools for the design, production, maintenance, and alteration of costume garments.
2. Demonstrate advanced proficiency in skills such as hand sewing, basic pattern drafting, machine sewing, and rendering.
3. Organize data in a computer database.
4. Serve as technical crew, designer's assistant, designers and/or crew heads in the realization of costumes for a fully produced theater event.
5. Identify theater literature and visual styles, practices, systems, and historical context used within the realization of theater events.

PROGRAM REQUIREMENTS

Requirements for the Costume Design Level 2 certificate of achievement may be met by completing all the units from Costume Design Level 1 plus 10 units of required courses and 12 units of elective courses with a grade of "C" or better.

REQUIRED COURSES (10 UNITS)

THEATER 262-2	SPECIAL PROJECTS II	2
THEATER 425-3	APPLIED COSTUMING FOR THE THEATER III	4
THEATER 425-4	APPLIED COSTUMING FOR THE THEATER IV	4

ELECTIVE COURSES: SELECT FOUR COURSES (12 UNITS)

THEATER 411	COSTUMING FOR THE THEATER	3
THEATER 413	COSTUME DYEING AND PAINTING	3
THEATER 414	COSTUME DRAPING AND ACCESSORIES	3
THEATER 415	COSTUME DESIGN FOR THE THEATRE	3
THEATER 416	MATERIALS AND METHODS FOR THE COSTUMER	3
THEATER 417	COSTUMING FOR FILM	3
THEATER 419	ADVANCED COSTUME ILLUSTRATION	3
THEATER 420	COSTUMING ON SET	3

THEATER - TECHNICAL

OVERVIEW

The Technical Theater program prepares students for work in all aspects of technical production, including modern entertainment technology. Advanced students in the design areas may be invited back for a third year to work as an assistant designer and then to design their own show, work as a lead scenic artist, or receive advanced training as a stage manager.

PROGRAMS OFFERED

AWARD	AWARD TYPE	ACADEMIC PLAN	MAJOR UNITS	FA*
Technical Theater Level 1	C	C040996D	22	Y
Technical Theater Level 2	C	C031547D	44	Y

*FA = Financial Aid Eligible. Yes = Eligible for all aid.
No = Ineligible for Federal Pell and Cal Grant, FSEOG, Federal Work-Study, and Federal Loans. Please consult with Financial Aid Office on award eligibility.

PROGRAM REQUIREMENTS

Requirements for the Technical Theater Level 1 certificate of achievement may be met by completing 13 units of required courses and 9 units of elective courses with a grade of "C" or better.

REQUIRED COURSES (SELECT 13 UNITS)

THEATER 105-1	THEATER SURVEY I - LITERATURE	1
THEATER 300	INTRODUCTION TO STAGE CRAFT	3
THEATER 335-1	APPLIED STAGE MANAGEMENT AND PRODUCTION I	4
THEATER 105-2	THEATER SURVEY II - PERFORMANCE	1
THEATER 335-2	APPLIED STAGE MANAGEMENT AND PRODUCTION II	4

ELECTIVE COURSES (SELECT 9 UNITS)

THEATER 302	INTRODUCTION TO STAGE MANAGEMENT	3
THEATER 311	THEATRICAL LIGHTING	3
THEATER 313	SCENIC PAINTING FOR THE THEATER	3
THEATER 314	THEATRICAL SOUND DESIGN FUNDAMENTALS, PROCEDURES/OPERATIONS	3
THEATER 315	INTRODUCTION TO THEATRICAL SCENIC DESIGN	3
THEATER 325	ADVANCED STAGE CRAFT	3
THEATER 338	INTRODUCTION TO DESIGN: THEATER, FILM, AND TV	3

Technical Theater Level 1
Certificate of Achievement

Major Units: 22
(State Code: 40996; TOP Code: 100600; Academic Plan: C040996D)

The Technical Theater Level 1 certificate prepares scenic technicians with a sound working knowledge of their craft and a respect for the skills and technologies associated with their chosen profession. Faculty work alongside students who are specifically interested in the disciplines and craft related to the stage technician. Cutting edge technologies are taught on state-of-the-art equipment. The curriculum combines classroom study with hands-on experiences in play production. All training is geared towards preparing students for the Technical Theater Level 2 program and careers in technical theater and related industries.

PROGRAM STUDENT LEARNING OUTCOMES

1. Demonstrate basic competency using technical theatre systems for scenery lights and sound in the production and realization of scenery, lighting plans and/or audio plans for live events.
2. Serve as technical crew, designer's assistant, designers and or crew heads in the realization of a fully produced theater event.
3. Identify theater literature and visual styles practices, systems, and historical context used within the realization of theater events.

Technical Theater Level 2
Certificate of Achievement

Major Units: 44 (22 units from Level 1 plus 22 units)
(State Code: 31547; TOP Code: 100600; Academic Plan: C031547D)

The Technical Theatre Level 2 certificate produces highly trained and specialized theater technicians who develop a sound working knowledge of their craft and a respect for the skills and technologies associated with their chosen profession. The program is hands-on with faculty working alongside students who are specifically interested in the disciplines and craft related to the stage technician. Cutting-edge technologies are taught on state-of-the-art equipment. The curriculum combines classroom study with experience in the department's rigorous play production schedule. The program covers basic through advanced level training in equipment, procedures, principles, and techniques used in play production, including construction, painting, lighting, properties, stage scenery movement, special effects, and organization of stage activity. All training is geared towards preparing students for careers in technical theater and related industries. Students completing the certificate are trained to enter entertainment industry related fields including carpenter, audio technician, lighting technician/electrician, fine artist/ painter/sculptor, set and exhibit designers, ushers, lobby attendants, and ticket takers.

PROGRAM STUDENT LEARNING OUTCOMES

1. Demonstrate advanced competency using technical theater systems for scenery, lights, and sound in the production and realization of scenery, lighting plans, and/or audio plans for live events.
2. Serve as technical crew, designer's assistant, designer, and/or crew head in the realization of a fully produced theater event.
3. Identify theater literature and visual styles practices, systems, and historical context used within the realization of theater events.

PROGRAM REQUIREMENTS

Requirements for the Technical Theatre Level 2 certificate of achievement may be met by completing Technical Theater - Level 1 plus 10 units of required courses and 12 units of elective courses with a grade of "C" or better.

ADDITIONAL REQUIRED COURSES (10 UNITS)

THEATER 335-3	APPLIED STAGE MANAGEMENT AND PRODUCTION III	4
THEATER 335-4	APPLIED STAGE MANAGEMENT AND PRODUCTION IV	4

SELECT TWO COURSES (2 UNITS):

THEATER 105-1	THEATER SURVEY I - LITERATURE	1
THEATER 105-2	THEATER SURVEY II - PERFORMANCE	1
THEATER 105-3	THEATER SURVEY III - DESIGN TECHNOLOGY	1
THEATER 105-4	THEATER SURVEY IV - AUDIENCE EXPERIENCE	1

ELECTIVE COURSES: SELECT FOUR COURSES (12 UNITS)

THEATER 302	INTRODUCTION TO STAGE MANAGEMENT	3
THEATER 311	THEATRICAL LIGHTING	3
THEATER 313	SCENIC PAINTING FOR THE THEATER	3
THEATER 314	THEATRICAL SOUND DESIGN FUNDAMENTALS, PROCEDURES/OPERATIONS	3
THEATER 315	INTRODUCTION TO THEATRICAL SCENIC DESIGN	3
THEATER 325	ADVANCED STAGE CRAFT	3
THEATER 338	INTRODUCTION TO DESIGN: THEATER, FILM, AND TV	3

Visual and Media Arts

Department Chair: Amarpal Khanna
For more information visit:
www.lacc.edu/academics/departments

ART

OVERVIEW

The Department of Visual and Media Arts provides grounding in fields that engage in the creation and analysis of visual culture, specifically in the allied fields of Animation, Art, Art History, Graphic Design, Journalism, and Photography. Our connected department's disciplines enjoy synergy and collaboration.

Our Art programs prepare students to transfer for upper division study at four-year universities or art schools through Associate of Arts degrees and certificates of achievement. Additional objectives include portfolio preparation and skills training for students who wish to enter into careers in the art, design, and entertainment industries.

Our courses provide a solid foundation in various areas of art. In studio art, we teach drawing, painting, printmaking, ceramics, and sculpture. In commercial art and design, we teach digital art and animation, illustration, graphic design and web design, and storyboarding. Our prize-winning Journalism program invites art students to create for publication, in both print and electronic formats.

The Art Department enjoys a high transfer acceptance rate at prominent university art departments, including those at UCLA, UC Berkeley, USC, and CSULB, as well as at outstanding art schools including Otis Art Institute, CalArts, and Art Center College of Design.

PROGRAMS OFFERED

AWARD	AWARD TYPE	ACADEMIC PLAN	MAJOR UNITS	FA*
Studio Arts	AA-T	C033120G	24	Y
Art - General	AA	C002735C	30	Y
Graphic Design	AA	C002739C	33	Y
Animation Foundation	C	C038605D	27	Y
Arts Graphic Communication	C	C035349D	24	Y
Game Art & Design Foundation	C	C042506D	23	Y
Game Art & Design Production	C	C042507D	16	Y
Illustration	C	C041002D	27	Y

*FA = Financial Aid Eligible. Yes = Eligible for all aid.
No = Ineligible for Federal Pell and Cal Grant, FSEOG, Federal Work-Study, and Federal Loans.
Please consult with Financial Aid Office on award eligibility.

Studio Arts

Associate in Arts (AA-T) Degree

Major Units: 24   Total Units: Minimum of 60
(State Code: 33120; TOP Code: 100200; Academic Plan: C033120G)

The Studio Arts Associate in Arts transfer degree is designed to prepare the student for transfer to the California State University (CSU) system of higher education and is specifically intended to satisfy lower-division requirements for a baccalaureate degree in Studio Arts at a CSU. In completing the AA-T degree in Studio Art, students acquire training in techniques and disciplines of art-making.

To earn the AA-T, students must meet the following requirements:

a. Completion of 60 semester units that are eligible for transfer to the California State University by completing the following:

- The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth (CSU GE-Breadth) requirements; and
- A minimum of 18 semester units in a major or area of emphasis, as approved by the CCC Chancellor's Office.

b. A minimum grade point average of 2.0 or higher. Students completing this degree will have satisfied the lower division major preparation and transfer requirements for priority admission consideration to a local CSU campus.

PROGRAM STUDENT LEARNING OUTCOMES

1. Acquire and integrate visual art concepts and/or technical skills.
2. Practice and learn visual art concepts by performing skill-based exercises
3. Design and implement independent skill-based projects to demonstrate acquired knowledge and mastery.
4. Engage in inquiry, critical thinking, and evaluation.

PROGRAM REQUIREMENTS

Requirements for the Studio Arts Associate in Arts transfer degree may be met by completing: (a) 12 units of major core courses, 3 units from "List A," and 9 units from "List B" with a grade of "C" or better; (b) all CSU GE-Breadth requirements of which Subject Areas A1, A2, A3, and B4 (The "Golden Four") must be completed with a grade of "C-" or better; (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken at LACCD.

MAJOR CORE COURSES (12 UNITS)

ARTHIST 120	SURVEY OF WESTERN ART HISTORY II	3
ART 201	DRAWING I	3
ART 501	BEGINNING TWO-DIMENSIONAL DESIGN	3
ART 502	BEGINNING THREE-DIMENSIONAL DESIGN	3

LIST A: SELECT ONE COURSE (3 UNITS)

ARTHIST 110	SURVEY OF WESTERN ART HISTORY I	3
ARTHIST 130	SURVEY OF ASIAN ART HISTORY	3
ARTHIST 139	INTRODUCTION TO ISLAMIC ART	3
ARTHIST 140	SURVEY OF ARTS OF AFRICA, OCEANIA, AND ANCIENT AMERICA	3

LIST B: SELECT ONE COURSE FROM THREE AREAS (9 UNITS)

DRAWING
ART 202	DRAWING II	3
ART 204	LIFE DRAWING I	3
ART 205	LIFE DRAWING II	3
ART 209	PERSPECTIVE DRAWING I	3
ART 620	ILLUSTRATION I	3

PAINTING
ART 300	INTRODUCTION TO PAINTING	3
ART 301	WATERCOLOR PAINTING I	3
ART 302	WATERCOLOR PAINTING II	3
ART 304	ACRYLIC PAINTING I	3
ART 305	ACRYLIC PAINTING II	3
ART 306	ACRYLIC PAINTING III	3
ART 307	OIL PAINTING I	3
ART 308	OIL PAINTING II	3
ART 309	OIL PAINTING III	3

PRINTMAKING
ART 400	INTRODUCTION TO PRINTMAKING	3
ART 407	RELIEF PRINTMAKING	3

CERAMICS
ART 708	INTRODUCTION TO CERAMICS	3
ART 709	CERAMICS I	3
ART 710	CERAMICS II	3

SCULPTURE
ART 700	INTRODUCTION TO SCULPTURE	3
ART 701	SCULPTURE I	3
ART 702	SCULPTURE II	3

DIGITAL ART
ANIMATN 218	FUNDAMENTALS OF ANIMATION	3
ART 250	INTRODUCTION TO DIGITAL ART	3
ART 603	TYPOGRAPHY I	3
ART 604	GRAPHIC DESIGN I	3
ART 605	GRAPHIC DESIGN II	3
ART 606	GRAPHIC DESIGN III	3
ART 621	ILLUSTRATION II	3
ART 634	COMPUTER GRAPHICS I: 3D COMPUTER GRAPHICS	3

PHOTOGRAPHY
PHOTO 007	EXPLORING DIGITAL PHOTOGRAPHY	3
PHOTO 010	BEGINNING PHOTOGRAPHY	3

APPLIED DESIGN
ART 282	INTRODUCTION TO FIBER ARTS	3

Art - General

Associate in Arts (AA) Degree

Major Units: 30   Total Units: Minimum of 60
(State Code: 02735; TOP Code: 100200; Academic Plan: C002735C)

The Art - General AA degree prepares students for transfer to competitive university, college, and art college programs, as well as for a career as an exhibiting artist. Students develop a strong transfer and/or exhibition-ready portfolio. The program allows students more in-depth and broad exploration opportunities than the associate degree for transfer, and it provides both a degree and grounding for junior positions in art and design in such fields as entertainment, graphic communications, fine art, design, and fashion. The professors in the program are working and exhibiting professionals who are highly involved with their students.

PROGRAM STUDENT LEARNING OUTCOMES

1. Acquire and integrate visual art concepts and/or technical skills.
2. Practice and learn visual art concepts by performing skill-based exercises.
3. Design and implement independent skill-based projects to demonstrate acquired knowledge and mastery.
4. Engage in inquiry, critical thinking, and evaluation.
5. Further explore and develop skills.

PROGRAM REQUIREMENTS

Requirements for the Art - General Associate of Arts degree may be met by completing: (a) 15 units of major core courses, 12 units of major elective courses, and 3 units of art history not already used to meet major elective courses with a grade of "C" or better; (b) all general education requirements (English and Math must be completed with a grade of "C" or better); (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken at LACCD.

MAJOR CORE COURSES (SELECT 15 UNITS)
ART 201	DRAWING I	3
ART 250	INTRODUCTION TO DIGITAL ART	3
OR		
PHOTO 007	EXPLORING DIGITAL PHOTOGRAPHY	3
OR		
PHOTO 010	BEGINNING PHOTOGRAPHY	3
ART 501	BEGINNING TWO-DIMENSIONAL DESIGN	3
OR		
ART 300	INTRODUCTION TO PAINTING	3
OR		
ART 304	ACRYLIC PAINTING I	3
OR		
ART 307	OIL PAINTING I	3
ART 502	BEGINNING THREE-DIMENSIONAL DESIGN	3
OR		
ART 700	INTRODUCTION TO SCULPTURE	3
OR		
ART 708	INTRODUCTION TO CERAMICS	3
ARTHIST 103	ART APPRECIATION I	3
OR		
ARTHIST 110	SURVEY OF WESTERN ART HISTORY I	3
OR		
ARTHIST 120	SURVEY OF WESTERN ART HISTORY II	3
OR		
ARTHIST 130	SURVEY OF ASIAN ART HISTORY	3
OR		
ARTHIST 139	INTRODUCTION TO ISLAMIC ART	3
OR		
ARTHIST 140	SURVEY OF ARTS OF AFRICA, OCEANIA, AND ANCIENT AMERICA	3
OR		
ARTHIST 151	INTRODUCTION TO LATIN AMERICAN ART	3
OR		
ARTHIST 171	INTRODUCTION TO GLOBAL CONTEMPORARY ART	3

MAJOR ELECTIVE COURSES (SELECT 12 UNITS)

SPECIALIZATION 1: DRAWING
ART 202	DRAWING II	3
ART 204	LIFE DRAWING I	3
ART 205	LIFE DRAWING II	3
ART 206	LIFE DRAWING III	3
ART 209	PERSPECTIVE DRAWING I	3
ART 620	ILLUSTRATION I	3
ART 621	ILLUSTRATION II	3

SPECIALIZATION 2: PAINTING
ART 301	WATERCOLOR PAINTING I	3

ART 305	ACRYLIC PAINTING II.	3
ART 306	ACRYLIC PAINTING III	3
ART 308	OIL PAINTING II	3
ART 309	OIL PAINTING III	3

SPECIALIZATION 3: PRINTMAKING

ART 400	INTRODUCTION TO PRINTMAKING	3
ART 401	ETCHING I	3
ART 407	RELIEF PRINTMAKING I	3

SPECIALIZATION 4: SCULPTURE/CERAMICS

ART 701	SCULPTURE I	3
ART 702	SCULPTURE II.	3
ART 709	CERAMICS I.	3
ART 710	CERAMICS II	3

SPECIALIZATION 5: NEW MEDIA

ART 634	COMPUTER GRAPHICS I: 3D COMPUTER	3
ART 648	ANIMATION-DIGITAL IMAGING	3
ART 649	STORYBOARDS	3

SPECIALIZATION 6: ART HISTORY

ARTHIST 103	ART APPRECIATION I.	3
ARTHIST 110	SURVEY OF WESTERN ART HISTORY I.	3
ARTHIST 120	SURVEY OF WESTERN ART HISTORY II	3
ARTHIST 130	SURVEY OF ASIAN ART HISTORY	3
ARTHIST 139	INTRODUCTION TO ISLAMIC ART.	3
ARTHIST 140	SURVEY OF ARTS OF AFRICA, OCEANIA, AND ANCIENT AMERICA	3
ARTHIST 151	INTRODUCTION TO LATIN AMERICAN ART	3
ARTHIST 171	INTRODUCTION TO GLOBAL CONTEMPORARY ART	3

COURSE CAN BE TAKEN WITH ANY SPECIALIZATION

| ART 931 | COOPERATIVE EDUCATION - ART | 3 |

Students should plan to develop a portfolio with instructor guidance. Courses may be substituted under special circumstances with departmental approval.

Graphic Design
Associate of Arts (AA) Degree

Major Units: 33   Total Units: Minimum of 60
(State Code: 02739; TOP Code: 103000; Academic Plan: C002739C)

The Graphic Design AA degree prepares students for transfer to competitive university, college, and art college programs. The program also provides the foundation for professional careers in graphic design, computer graphics, advertising design, and commercial illustration. The creative and practical aspects of visual communication are equally stressed, with an emphasis on contemporary trends. Digital work is grounded in fundamental art skills and methods. Students enrolled in the program will utilize the Art Department's computer labs.

PROGRAM STUDENT LEARNING OUTCOMES
1. Acquire and integrate visual art concepts and/or technical skills.
2. Practice and learn visual art concepts by performing skill-based exercises.
3. Design and implement independent skill-based projects to demonstrate acquired knowledge and mastery.
4. Engaging in inquiry and critical thinking and evaluation process.
5. Demonstrating, in portfolio-level projects, the skills and knowledge necessary for entrance into a graphic design program at a four-year college/university or for entrance into the workforce as an entry-level designer.

PROGRAM REQUIREMENTS

Requirements for the Graphic Design Associate of Arts degree may be met by completing: (a) 27 units of major core courses and 6 units of major elective courses with a grade of "C" or better; (b) all general education requirements (English and Math must be completed with a grade of "C" or better); (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken at LACCD.

MAJOR CORE COURSES (27 UNITS)

ART 201	DRAWING I	3
ART 250	INTRODUCTION TO DIGITAL ART	3
ART 501	BEGINNING TWO-DIMENSIONAL DESIGN.	3
ART 603	TYPOGRAPHY	3
ART 604	GRAPHIC DESIGN I.	3
ART 605	GRAPHIC DESIGN II.	3
ART 606	GRAPHIC DESIGN III	3
ART 645	INTRODUCTION TO WEBSITE DESIGN.	3
ART 648	ANIMATION--DIGITAL IMAGING	3

MAJOR ELECTIVE COURSES (6 UNITS)

GROUP 1: SELECT ONE (3 UNITS)

ART 204	LIFE DRAWING I	3
ART 209	PERSPECTIVE DRAWING I.	3
ART 400	INTRODUCTION TO PRINTMAKING	3
ART 620	ILLUSTRATION I.	3

GROUP 2: SELECT ONE (3 UNITS)

ARTHIST 103	ART APPRECIATION I.	3
ARTHIST 120	SURVEY OF WESTERN ART HISTORY II	3
ARTHIST 130	SURVEY OF ASIAN ART HISTORY	3
ARTHIST 140	SURVEY OF ARTS OF AFRICA, OCEANIA, AND ANCIENT AMERICA	3
ARTHIST 151	INTRODUCTION TO LATIN AMERICAN ART	3
ARTHIST 171	INTRODUCTION TO GLOBAL CONTEMPORARY ART	3

Animation Foundation

Certificate of Achievement

Major Units: 27

(State Code: 38605; TOP Code: 061440; Academic Plan: C038605D)

The Animation certificate of achievement is a comprehensive study of 2D and 3D animation techniques. Upon completion of the program, students will be able to develop original and effective animation projects using industry-standard tools and methodologies. Students learn about the history of animation and technologies, as well digital design software appropriate for use in motion pictures or on the Internet.

Animators work on animations or special effects for television, film, design, and gaming industries. Students may also work on web projects and may generate animated shorts for a product or company.

The certificate allows students to learn basic computer-based animation—which may incorporate 2D drawing and 3D hand building—while focusing on 2D and 3D computer technologies and the use of digital design and printing software. Students are introduced to computer graphics, texturing, and lighting for animation.

Aspiring game designers and animators may be expected to complete a portfolio of their work. Internships and studio training may provide opportunities for hands-on learning. Graduating with the certificate may lead to entry-level employment or/and advanced education in several fields, including the gaming industry and graphic arts. Graduates may be employed in entry level positions, and/or pursue advanced degrees in such fields as animation, storyboarding, game design, and special effects.

PROGRAM STUDENT LEARNING OUTCOMES

1. Acquire and integrate visual art concepts and/or technical skills
2. Practice and learn visual art concepts by performing skill-based exercises
3. Design and implement independent skill-based projects to demonstrate acquired knowledge and mastery
4. Engage in inquiry, critical thinking, and evaluation processes
5. Demonstrate in portfolio-level projects the skills and knowledge necessary for entrance into an animation program at a four-year college/university, or for entrance into the workforce as an entry-level animator

PROGRAM REQUIREMENTS

Requirements for the Animation certificate of achievement may be met by completing 27 units of required courses with a grade of "C" or better.

REQUIRED COURSES (27 UNITS)

ANIMATN 118	HISTORY OF ANIMATION	3
ANIMATN 218	FUNDAMENTALS OF ANIMATION	3
ANIMATN 225	CHARACTER ANIMATION	3
ART 201	DRAWING I	3
ART 209	PERSPECTIVE DRAWING I	3
ART 250	INTRODUCTION TO DIGITAL ART	3
ART 634	COMPUTER GRAPHICS I: 3D COMPUTER GRAPHICS	3
ART 636	COMPUTER GRAPHICS II: 3D COMPUTER GRAPHICS	3
ART 649	STORYBOARDS	3

Arts Graphic Communication

Certificate of Achievement

Major Units: 24

(State Code: 35349; TOP Code: 103000; Academic Plan: C035349D)

The Arts Graphic Communication certificate of achievement prepares students for a career in the advertising and graphic design industry as an entry-level production designer or as a junior commercial illustrator. The creative and practical aspects of visual communication are stressed, with a special emphasis on contemporary trends. Digital work is grounded in fundamental art skills and methods. Students can expect to develop a rigorous, entry-level portfolio.

PROGRAM STUDENT LEARNING OUTCOMES

1. Create unique graphic designs that communicate ideas to others.
2. Demonstrate an iterative design process.

PROGRAM REQUIREMENTS

Requirements for the Arts Graphic Communication certificate of achievement may be met by completing 24 units of required courses with a grade of "C" or better.

REQUIRED COURSES (24 UNITS)

ART 250	INTRODUCTION TO DIGITAL ART	3
ART 501	BEGINNING TWO-DIMENSIONAL DESIGN	3
ART 603	TYPOGRAPHY I	3
ART 604	GRAPHIC DESIGN I	3
ART 605	GRAPHIC DESIGN II	3
ART 606	GRAPHIC DESIGN III	3
ART 645	INTRODUCTION TO WEB SITE DESIGN	3
ART 648	ANIMATION--DIGITAL IMAGING	3

Game Art & Design Foundation

Certificate of Achievement

Major Units: 23
(State Code: 42506; TOP Code: 061420; Academic Plan: C042506D)

The Game Art & Design Foundation certificate of achievement will provide students a pathway to a career as a technical artist working with interactive media. Students will gain knowledge in the theories and applications of game design by combining art, design, and technology in a hands-on studio environment. Students will develop core skills in concept design, 3D modeling, 3D animation, lighting and texturing, and real-time interactive rendering. Students may be expected to complete a portfolio of work to seek further study in game design or entry level employment working with 3D assets for game production, visual effects, or animation.

PROGRAM STUDENT LEARNING OUTCOMES

1. Gain competency in the theory and artistic aspects of game design and the creation of interactive media.
2. Acquire the foundation skills in the application of digital tools to create virtual environments and worlds structured for intuitive user engagement.

PROGRAM REQUIREMENTS

Requirements for the Game Art & Design Foundation certificate of achievement may be met by completing 23 units of required courses with a grade of "C" or better.

REQUIRED COURSES (23 UNITS)

ART 250	INTRODUCTION TO DIGITAL ART	3
ART 634	COMPUTER GRAPHICS I: 3D COMPUTER GRAPHICS	3
GAD 101	INTRODUCTION TO GAME DESIGN	3
GAD 102	CONCEPT DESIGN AND VISUAL DEVELOPMENT	3
GAD 103	GAME TECHNOLOGIES AND GAME ENGINES	
ANIMATN 225	THREE-DIMENSIONAL CHARACTER ANIMATION	3
ART 636	COMPUTER GRAPHICS 2: 3D COMPUTER GRAPHICS	3
GAD 210-1	PRODUCTION STUDIO I	2

Game Art & Design Production

Certificate of Achievement

Major Units: 16
(State Code: 42507; TOP Code: 061420; Academic Plan: C042507D)

The Game Art & Design Production certificate of achievement prepares students for entry-level opportunities in the game industry and related fields in emerging interactive media. Students will learn how real-time interactive technology (game engines) are increasingly used to solve a variety of design and visualization problems for filmmaking, engineering, and architecture. Students will apply professional practices while learning how to utilize content creation tools, design levels, game systems, and production planning. The Production Studio series of courses are the culminating experience of the Game Art & Design Production certificate. This series of courses spans several semesters and brings together students from different disciplines who work together in small teams to develop 3D games, interactive media projects, or other media content. The Production Studio courses mirror the working environment of professional studios: people with diverse backgrounds and talents collaborating together to meet client demands and production deadlines.

PROGRAM STUDENT LEARNING OUTCOMES

1. Gain the skills, knowledge, and experience necessary to seek entry level employment in the video game industry or interactive media or entry to a game related program at a four-year college/university.
2. Apply technical skills to concepts and ideas to create fully realized, professional quality, interactive digital games and experiences.
3. Build virtual environments and worlds structured for intuitive and navigable user engagement.
4. Organize, schedule, budget and manage day-to-day development of a digital game production.

PROGRAM REQUIREMENTS

Requirements for the Game Art & Design Production certificate of achievement may be met by completing 16 units of required courses with a grade of "C" or better.

REQUIRED COURSES (16 UNITS)

GAD 104	LEVEL AND ENVIRONMENT DESIGN	3
GAD 203	GAME TECHNOLOGIES AND GAME SYSTEMS	3
GAD 210-2	PRODUCTION STUDIO II	2
GAD 106	GAME PROTOTYPING AND MECHANICS	3
ANIMATN 226	THREE-DIMENSIONAL PRE-VISUALIZATION AND CAMERA TECHNIQUES	3
GAD 210-3	PRODUCTION STUDIO III	2

Illustration

Certificate of Achievement

Major Units: 27
(State Code: 41002; TOP Code: 061440; Academic Plan: C041002D)

The certificate of achievement in Illustration is focused on developing concepts, visual image creation strategies and technical skills. Students develop ideation, critical thinking, and working processes. A variety of media and stylistic approaches with traditional and digital tools are introduced. This certificate prepares students with a versatile portfolio which may be appropriate for careers in the Commercial Arts including editorial and advertising illustration; concept design and illustration for products and children's books; careers in the game and entertainment industry; and visual storytelling for graphic novels and illustration for the toy and theme park industries.

PROGRAM STUDENT LEARNING OUTCOMES

1. Student masters a variety of media and stylistic approaches with traditional and computer based tools to illustrate given content.
2. Student translates word based content into a compelling visual form presented on traditional and technological platforms.

PROGRAM REQUIREMENTS

Requirements for the Illustration certificate of achievement may be met by completing 27 units of required courses with a grade of "C" or better.

REQUIRED COURSES (27 UNITS)

ART 201	DRAWING I	3
ART 204	LIFE DRAWING I	3
ART 209	PERSPECTIVE DRAWING I	3
ART 250	INTRODUCTION TO DIGITAL ART	3
ART 304	ACRYLIC PAINTING I	3
ART 620	ILLUSTRATION I	3
ART 621	ILLUSTRATION II	3
ART 649	STORYBOARDS	3
ART 648	ANIMATION--DIGITAL IMAGING	3

ART HISTORY

OVERVIEW

The Department of Visual and Media Arts provides grounding in fields that engage in the creation and analysis of visual culture, specifically in the allied fields of Animation, Art, Art History, Graphic Design, Journalism, and Photography. Our connected department's disciplines enjoy synergy and collaboration.

Art History at LACC supports an interdisciplinary and intercultural approach to art history of all periods and places. We are dedicated to including intersectionality as an approach to understanding art history. By thinking across current categories and boundaries and critically examining art history itself, students are encouraged to question the canon, to rethink the relationships between the periphery and the mainstream, and to practice a socially and politically responsible art history.

PROGRAM OFFERED

AWARD	AWARD TYPE	ACADEMIC PLAN	MAJOR UNITS	FA*
Art History	AA-T	C032832G	18-20	Y

*FA = Financial Aid Eligible. Yes = Eligible for all aid.
No = Ineligible for Federal Pell and Cal Grant, FSEOG, Federal Work-Study, and Federal Loans. Please consult with Financial Aid Office on award eligibility.

Art History

Associate in Arts (AA-T) Degree

Major Units: 18-20   Total Units: Minimum of 60
(State Code: 32832; TOP Code: 100100; Academic Plan: C032832G)

The Art History Associate in Arts transfer degree enables students to examine the sociological, cultural, and aesthetic contexts of art. Students learn to utilize scholarly methodologies to examine, analyze, and construct theories related to art, art history, and culture. The degree is transferable to CSU schools, satisfies many lower division transfer requirements, and can be parlayed into degrees in related fields such as fine arts, theater and film, art criticism, English, history, and anthropology.

To earn the AA-T, students must meet the following requirements:

a. Completion of 60 semester units that are eligible for transfer to the California State University by completing the following:

- The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth (CSU GE-Breadth) requirements; and
- A minimum of 18 semester units in a major or area of emphasis, as approved by the CCC Chancellor's Office.

b. A minimum grade point average of 2.0 or higher. Students completing this degree will have satisfied the lower division major preparation and transfer requirements for priority admission consideration to a local CSU campus.

PROGRAM STUDENT LEARNING OUTCOMES

1. Articulate the historical, social, and aesthetic functions of art.
2. Discuss major works and cultural shifts in art history from pre-history to the modern world.
3. Appraise the diverse roles and meanings of art across cultures and geographic boundaries.
4. Conduct research and use visual evidence and reason to construct and examine theories.
5. Critically analyze works of art with appropriate methodology and terminology.
6. Understand how various art and art history related problems are solved.

PROGRAM REQUIREMENTS

Requirements for the Art History Associate in Arts transfer degree may be met by completing: (a) 9 units of major core courses, 3 units from "List A," 3 units from "List B," and 3 units from "List C" with a grade of "C" or better; (b) all CSU GE-Breadth requirements of which Subject Areas A1, A2, A3, and B4 (The "Golden Four") must be completed with a grade of "C-" or better; (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken at LACCD.

MAJOR CORE COURSES (9 UNITS)

ARTHIST 110 OR	SURVEY OF WESTERN ART HISTORY I	3
ARTHIST 120 AND	SURVEY OF WESTERN ART HISTORY II	3
ARTHIST 130 OR	SURVEY OF ASIAN ART HISTORY	3
ARTHIST 139 OR	INTRODUCTION TO ISLAMIC ART	3
ARTHIST 140 OR	SURVEY OF ARTS OF AFRICA, OCEANIA, AND ANCIENT AMERICA	3
ARTHIST 151 AND	INTRODUCTION TO LATIN AMERICAN ART	3
ART 201	DRAWING I	3

LIST A: SELECT ONE COURSE (3 UNITS)

ARTHIST 110	SURVEY OF WESTERN ART HISTORY I	3
ARTHIST 120	SURVEY OF WESTERN ART HISTORY II	3
ARTHIST 130	SURVEY OF ASIAN ART HISTORY	3
ARTHIST 139	INTRODUCTION TO ISLAMIC ART	3
ARTHIST 151	INTRODUCTION TO LATIN AMERICAN ART	3
ARTHIST 171	INTRODUCTION TO GLOBAL CONTEMPORARY ART	3

LIST B: SELECT ONE COURSE (3 UNITS)

ANIMATN 218	FUNDAMENTALS OF ANIMATION	3
ART 202	DRAWING II	3
ART 205	LIFE DRAWING II	3
ART 209	PERSPECTIVE DRAWING I	3
ART 282	INTRODUCTION TO FIBER ARTS	3
ART 300	INTRODUCTION TO PAINTING	3
ART 301	WATERCOLOR PAINTING I	3
ART 302	WATERCOLOR PAINTING II	3
ART 304	ACRYLIC PAINTING I	3
ART 305	ACRYLIC PAINTING II	3
ART 306	ACRYLIC PAINTING III	3
ART 307	OIL PAINTING I	3
ART 308	OIL PAINTING II	3
ART 309	OIL PAINTING III	3
ART 400	INTRODUCTION TO PRINTMAKING	3
ART 407	RELIEF PRINTMAKING I	3
ART 501	BEGINNING TWO-DIMENSIONAL DESIGN	3
ART 502	BEGINNING THREE-DIMENSIONAL DESIGN	3
ART 603	TYPOGRAPHY I	3
ART 604	GRAPHIC DESIGN I	3
ART 605	GRAPHIC DESIGN II	3
ART 606	GRAPHIC DESIGN III	3
ART 620	ILLUSTRATION I	3
ART 621	ILLUSTRATION II	3
ART 700	INTRODUCTION TO SCULPTURE	3
ART 701	SCULPTURE I	3
ART 702	SCULPTURE II	3
ART 708	INTRODUCTION TO CERAMICS	3
ART 709	CERAMICS I	3
ART 710	CERAMICS II	3
PHOTO 007	EXPLORING DIGITAL PHOTOGRAPHY	3
PHOTO 010	BEGINNING PHOTOGRAPHY	3

LIST C: SELECT ONE COURSE (3-5 UNITS)

AFRO AM 004	THE AFRICAN AMERICAN IN THE HISTORY OF THE U.S. I	3
AFRO AM 005	THE AFRICAN AMERICAN IN THE HISTORY OF THE U.S. II	3
AFRO AM 007	BLACK AMERICANS AND THE POLITICAL SYSTEM	3
ANTHRO 102	HUMAN WAYS OF LIFE: CULTURAL ANTHROPOLOGY	3
ANTHRO 103	ARCHAEOLOGY: RECONSTRUCTING THE PAST	3
ANTHRO 121	ANTHROPOLOGY OF RELIGION, MAGIC AND WITCHCRAFT	3
ANTHRO 151	VISUAL ANTHROPOLOGY: EXPLORING CULTURE THROUGH FILM AND MIXED MEDIA	3
ASIAN 001	THE ASIAN-AMERICAN IN THE HISTORY OF THE UNITED STATES	3
CHICANO 004	INTRODUCTION TO CHICANA/O STUDIES	3
CHICANO 007	THE MEXICAN-AMERICAN IN THE HISTORY OF THE UNITED STATES I	3
CHICANO 008	THE MEXICAN-AMERICAN IN THE HISTORY OF THE UNITED STATES II	3
CHICANO 047	THE MEXICAN-AMERICAN WOMEN IN SOCIETY	3
HISTORY 005	THE HISTORY OF THE AMERICAS I	3
HISTORY 006	THE HISTORY OF THE AMERICAS II	3
HISTORY 007	THE WORLD'S GREAT RELIGIONS	3
HISTORY 011	POLITICAL AND SOCIAL HISTORY OF THE UNITED STATES TO 1877	3
HISTORY 012	POLITICAL AND SOCIAL HISTORY OF THE UNITED STATES FROM 1865	3
HISTORY 059	COMPARATIVE HISTORY OF GENOCIDE AND WAR CRIMES	3
HISTORY 073	RACE AND RACISM IN UNITED STATES HISTORY	3
HISTORY 081	A HISTORY OF WORKING PEOPLE IN THE UNITED STATES I	3
HISTORY 082	A HISTORY OF WORKING PEOPLE IN THE UNITED STATES II	3
HISTORY 086	INTRODUCTION TO WORLD CIVILIZATION I	3
HISTORY 087	INTRODUCTION TO WORLD CIVILIZATION II	3
POL SCI 019	WOMEN IN POLITICS	3
SOC 022	SOCIOLOGY OF WOMEN	3
SOC 031	SOCIOLOGY OF GENDER	3

• *Any course approved for CSUGE Area C2 or IGETC Area 3B in Armenian, Chinese, French, Japanese, Korean, Russian, Spanish, or any Language Other than English (except American Sign Language); Art; History; Humanities; Philosophy; LING 001; or POL SCI 005 (3-5 UNITS)*

JOURNALISM

OVERVIEW

The Department of Visual and Media Arts provides grounding in fields that engage in the creation and analysis of visual culture, specifically in the allied fields of Animation, Art, Art History, Graphic Design, Journalism, and Photography. Our connected department's disciplines enjoy synergy and collaboration.

The Journalism discipline provides the highest quality education available for both transfer students and students seeking vocational training and an Associate of Arts degree in Journalism. Students also receive intensive hands-on instruction in digital news gathering techniques. This includes a series of practicum courses that covers instruction and practice in radio, TV news reporting, digital design, magazine publication, short form documentary production, and mobile reporting techniques.

PROGRAMS OFFERED

AWARD	AWARD TYPE	ACADEMIC PLAN	MAJOR UNITS	FA*
Journalism	AA-T	C033155G	18-20	Y
Journalism	AA	C002728C	35	Y

*FA = Financial Aid Eligible. Yes = Eligible for all aid.
No = Ineligible for Federal Pell and Cal Grant, FSEOG, Federal Work-Study, and Federal Loans.
Please consult with Financial Aid Office on award eligibility.

Journalism

Associate in Arts (AA-T) Degree

Major Units: 18-20   Total Units: Minimum of 60
(State Code: 33155; TOP Code: 060200; Academic Plan: C033155G)

The Journalism Associate in Arts transfer degree is an open-ended program that prepares students for a seamless transfer to a California State University (CSU) to complete a baccalaureate degree in Journalism or a similar field of study. Journalism majors select from courses designed to provide training in desktop publishing skills and to prepare them for editorial and photojournalism jobs in print, online, broadcast and mobile journalism.

To earn the AA-T, students must meet the following requirements:

a. Completion of 60 semester units that are eligible for transfer to the California State University by completing the following:

- The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth (CSU GE-Breadth) requirements; and
- A minimum of 18 semester units in a major or area of emphasis, as approved by the CCC Chancellor's Office.

b. A minimum grade point average of 2.0 or higher. Students completing this degree will have satisfied the lower division major preparation and transfer requirements for priority admission to a local CSU campus.

PROGRAM STUDENT LEARNING OUTCOMES

1. Write, research, and produce news stories for print or broadcast.
2. Edit news stories for print, demonstrating mastery of Associated Press style.
3. Demonstrate knowledge of converged media techniques including online and broadcast news writing.
4. Assemble a print portfolio of published news articles and/or photographs. Student may also collect digital samples of converged media work product such as online or Internet broadcast samples of work.

PROGRAM REQUIREMENTS

Requirements for the Journalism Associate in Arts transfer degree may be met by completing: (a) 9 units of major core courses, 3-4 units from "List A," and 6 units from "List B" with a grade of "C" or better; (b) all CSU GE-Breadth requirements of which Subject Areas A1, A2, A3, and B4 (The "Golden Four") must be completed with a grade of "C-" or better; (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken at LACCD.

MAJOR CORE COURSES (9 UNITS)

JOURNAL 101	COLLECTING AND WRITING NEWS	3
JOURNAL 105	MASS COMMUNICATIONS	3
JOURNAL 218-1	PRACTICAL EDITING I	3

LIST A: SELECT ONE COURSE (3-4 UNITS)

JOURNAL 218-2	PRACTICAL EDITING II	3
PHOTO 020	BEGINNING PHOTOJOURNALISM	4

LIST B: SELECT TWO COURSES (MINIMUM 6 UNITS)

COMM 104	ARGUMENTATION AND DEBATE	3
ECON 001	PRINCIPLES OF MICROECONOMICS	3
ECON 002	PRINCIPLES OF MACROECONOMICS	3
MATH 227	STATISTICS	4
PHOTO 010	BEGINNING PHOTOGRAPHY	3
PHOTO 034	HISTORY OF PHOTOGRAPHY	3

Journalism

Associate of Arts (AA) Degree

Major Units: 35   Total Units: Minimum of 60
(State Code: 02728; TOP Code: 060200; Academic Plan: C002728C)

The journalism curriculum is an open-ended course of study that is structured to prepare the student to work in the field, or to transfer to a four-year college or university after additional study. Students acquire skills that will allow them to work in print, broadcast, or social media in converged newsrooms. The program is designed for the student who intends to work as a reporter, writer, editor, designer, or cartoonist at a print or online newspaper or magazine. The program also prepares students to work in broadcast settings in TV news, radio, or mobile journalism.

PROGRAM STUDENT LEARNING OUTCOMES

1. Write, research, and produce news stories for print or broadcast
2. Edit news stories for print, demonstrating mastery of Associated Press style.
3. Demonstrate knowledge of converged media techniques including social media, online, and broadcast news writing. Demonstrate a broad base of multi-platform journalism skills.
4. Assemble a print portfolio or broadcast resume of published work and/or photographs. Student may also collect digital samples of converged media work product to submit online.

PROGRAM REQUIREMENTS

Requirements for the Journalism Associate of Arts degree may be met by completing: (a) 26 units of major core courses and 9 units of major elective courses with a grade of "C" or better; (b) all general education requirements (English and Math must be completed with a grade of "C" or better); (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken at LACCD.

MAJOR CORE COURSES (26 UNITS)

JOURNAL 101	COLLECTING AND WRITING NEWS	3
JOURNAL 105	MASS COMMUNICATIONS	3
JOURNAL 217-1	PUBLICATION LABORATORY I	2
JOURNAL 217-2	PUBLICATION LABORATORY II	2
JOURNAL 218-1	PRACTICAL EDITING I	3
JOURNAL 218-2	PRACTICAL EDITING II	3
JOURNAL 219-1	TECHNIQUES FOR STAFF EDITORS I	1
JOURNAL 219-2	TECHNIQUES FOR STAFF EDITORS II	1
LIB SCI 101	COLLEGE RESEARCH SKILLS	1
PHOTO 007	EXPLORING DIGITAL PHOTOGRAPHY	3
PHOTO 020	BEGINNING PHOTOJOURNALISM	4

MAJOR ELECTIVE COURSES (9 UNITS)

ART 645	INTRO TO WEB SITE DESIGN	3
JOURNAL 220-1	MAGAZINE PRODUCTION 1	3
PHOTO 010	BEGINNING PHOTOGRAPHY	3

PHOTOGRAPHY

OVERVIEW

The Department of Visual and Media Arts provides grounding in fields that engage in the creation and analysis of visual culture, specifically in the allied fields of Animation, Art, Art History, Graphic Design, Journalism, and Photography. Our connected department's disciplines enjoy synergy and collaboration.

We offer a variety of digital and film-based courses for students wanting to pursue a commercial, photojournalism, or fine art career as a photographer. We are a vocational program and offer Digital and Photojournalism certificates as well as an Applied Photography Associate of Arts Degree. We also offer several classes that transfer to UC and Cal State Universities.

We have an excellent faculty and staff that is ready to help you develop your vision as a photographer. From beginning to advanced analog and digital photography to experimental photographic techniques, you can learn it here at LACC.

PROGRAMS OFFERED

AWARD	AWARD TYPE	ACADEMIC PLAN	MAJOR UNITS	FA*
Applied Photography	AA	C008235C	36-37	Y
Photography: Digital	C	C010780D	18	Y
Digital Photography	CS	C101210J	9	N

*FA = Financial Aid Eligible. Yes = Eligible for all aid.
No = Ineligible for Federal Pell and Cal Grant, FSEOG, Federal Work-Study, and Federal Loans.
Please consult with Financial Aid Office on award eligibility.

Health Advisory. Because students enrolled in the Photography program are required to precisely mix photographic chemicals, some of which are toxic, it is advisable that a student be able to clearly understand oral instructions and reading materials that are distributed in class and lab. Consequently, it is advisable for students to possess reading comprehension at the ENGLISH 028 level or higher.

Applied Photography

Associate of Arts (AA) Degree

Major Units: 36-37   *Total Units: Minimum of 60*
(State Code: 08235; TOP Code: 101200; Academic Plan: C008235C)

Students interested in pursuing a career in photography as a photographer, photographic post-production technician, photographic assistant, or entrepreneurial business owner in photography will learn the skills necessary to enter the job market. The core program consists of rigorous training in camera operations and image composition. Classroom training includes instruction with 35mm film cameras and professional digital cameras, computers and computer software programs used in the industry, professional scanners, professional digital printers, professional lighting equipment, and photographic accessories. An emphasis is placed on image optimization including color correction and contrast control. Students produce a professional print and digital portfolio targeting their chosen area of focus.

PROGRAM STUDENT LEARNING OUTCOMES

1. Make informed decisions regarding the proper selection of equipment and materials, including camera formats, lens focal lengths, film selection, and print formats based upon the needs of individual photographic assignments.
2. Pre-visualize the final photographs including locations, subject matter, natural lighting techniques, and composition based on particular photographic assignments.
3. Accurately calculate proper exposure in camera, including selection of appropriate shutter speeds and apertures with the use of a light meter.
4. Produce a cohesive body of work as a portfolio that demonstrates personal style, aesthetic awareness, and technical proficiency.
5. Understand the concepts and professional lighting techniques in the studio and on location.

PROGRAM REQUIREMENTS

Requirements for the Applied Photography Associate of Arts degree may be met by completing: (a) 21 units of major core courses and 15-16 units of major elective courses with a grade of "C" or better; (b) all general education requirements (English and Math must be completed with a grade of "C" or better); (c) a minimum of 60 degree-applicable units with a cumulative grade point average of 2.0 or higher; and (d) a minimum of 12 units must be taken at LACCD.

MAJOR CORE COURSES (21 UNITS)

ART 250	INTRODUCTION TO DIGITAL ARTS	3
PHOTO 010	BEGINNING PHOTOGRAPHY	3
PHOTO 016	FUNDAMENTAL COMMERCIAL PHOTOGRAPHY	3
PHOTO 034	HISTORY OF PHOTOGRAPHY	3
PHOTO 107	INTERMEDIATE DIGITAL PHOTOGRAPHY	3
ART 931	COOPERATIVE EDUCATION - ART	
PHOTO 501	MEDIA AESTHETICS AND DESIGN FOR FILM AND DIGITAL MEDIA	3
OR		
CINEMA 501	MEDIA AESTHETICS AND DESIGN FOR FILM AND DIGITAL MEDIA	3

MAJOR ELECTIVE COURSES* (15-16 UNITS)

ART 201	DRAWING I	3
ART 501	BEGINNING TWO-DIMENSIONAL DESIGN	3
ART 648	ANIMATION—DIGITAL IMAGING	3
PHOTO 007	EXPLORING DIGITAL PHOTOGRAPHY	3
PHOTO 015	FUNDAMENTALS OF PORTRAITURE	3
PHOTO 020	BEGINNING PHOTOJOURNALISM	4
PHOTO 049	ADVANCED PHOTOGRAPHIC DIGITAL IMAGING	3

6 or more units must be in PHOTO.

Photography: Digital

Certificate of Achievement

Major Units: 18
(State Code: 10780; TOP Code: 101200; Academic Plan: C010780D)

Students interested in pursuing a career in photography as a photographer, photographic post-production technician, photographic assistant, or as an entrepreneurial business owner in photography will learn the skills necessary to enter the job market. Classroom training includes instruction with professional digital cameras, computers and computer software programs used in the industry, professional scanners, professional digital printers, professional lighting equipment and photographic accessories. An emphasis is placed on image optimization including color correction and contrast control.

PROGRAM STUDENT LEARNING OUTCOMES

1. Operate a digital SLR camera using advanced functions.
2. Identify and correct color balance and contrast in digital files.
3. Use the tools in Adobe Raw Processor to correctly process a RAW file.
4. Organize retouching, repairing, and enhancement of images.
5. Demonstrate proper technique when operating electronic flash in the studio and on location.
6. Demonstrate classic lighting techniques both with natural light and studio light.

PROGRAM REQUIREMENTS

Requirements for the Photography: Digital certificate of achievement may be met by completing 18 units of required courses with a grade of "C" or better.

REQUIRED COURSES (18 UNITS)

ART 250	INTRODUCTION TO DIGITAL ARTS	3
PHOTO 007	EXPLORING DIGITAL PHOTOGRAPHY	3
OR		
PHOTO 010	BEGINNING PHOTOGRAPHY	
PHOTO 015	FUNDAMENTALS OF PORTRAITURE	3
PHOTO 049	ADVANCED PHOTOGRAPHIC DIGITAL IMAGING	3
PHOTO 107	INTERMEDIATE DIGITAL PHOTOGRAPHY	3
PHOTO 501	MEDIA AESTHETICS AND DESIGN FOR FILM AND DIGITAL MEDIA	3
OR		
CINEMA 501	MEDIA AESTHETICS AND DESIGN FOR FILM AND DIGITAL MEDIA	3

Digital Photography

Skills Certificate

Major Units: 9
(TOP Code: 101200; Academic Plan: C101210J)

Upon earning a Digital Photography skills certificate, the student will acquire the necessary basic digital skills to take more advanced photography classes that can lead to a Digital Photography certificate of achievement, freelance photography, or an Applied Photography AA degree.

PROGRAM STUDENT LEARNING OUTCOMES

1. Calculate the appropriate shutter speed and aperture to produce correct digital file exposure and to produce desired visual characteristics.
2. Calculate camera settings correctly to account for variations in lighting quality and color temperature.
3. Demonstrate an understanding of Adobe Photoshop tool box.
4. Manipulate adjustment layers in Adobe Photoshop to optimize image quality and produce desired results using features including the histogram.
5. Use retouching techniques to correct flaws and imperfections in images and subject matter.
6. Prepare a file to be printed at a lab or on an inkjet printer, including an understanding of color space and color profiling for different output.
7. Operate studio hot lights correctly by controlling shadow and highlight detail while producing digital images in the studio.

PROGRAM REQUIREMENTS

Requirements for the Digital Photography skills certificate may be met by completing 9 units of required courses with a grade of "C" or better.

REQUIRED COURSES (9 UNITS)

ART 250	INTRODUCTION TO DIGITAL ARTS	3
PHOTO 007	EXPLORING DIGITAL PHOTOGRAPHY	3
OR		
PHOTO 010	BEGINNING PHOTOGRAPHY	3
PHOTO 107	INTERMEDIATE DIGITAL PHOTOGRAPHY	3

The School of Adult Education and Noncredit

Dean: Angelica Ramirez
For more information visit:
www.lacc.edu/academics/departments

The School of Adult Education and Noncredit provides accessible and inclusive educational opportunities for adult learners in our community. The school offers a wide range of noncredit courses and programs designed to meet the diverse needs and interests of adult learners, including those seeking to improve their basic skills, pursue personal enrichment, learn English as a second language (ESL), or transition to college and career pathways in the credit. Overall, the School of Adult Education and Noncredit plays a vital role in serving the diverse educational needs of adult learners in the community, empowering them to achieve their personal, academic, and professional goals through high-quality, accessible, and relevant educational programs and services.

Noncredit courses cover a variety of subjects, including English as a Second Language (ESL), Adult Basic Education (ABE), High School Equivalency (HSE) preparation (formerly known as GED), citizenship preparation, vocational training, computer literacy, health and wellness, and lifelong learning. ESL courses are designed to help non-native English speakers improve their English language skills for communication, work, and academic purposes. These courses typically cover speaking, listening, reading, and writing skills at various levels of proficiency. ABE courses provide instruction in foundational skills such as reading, writing, math, and critical thinking, helping students improve their literacy and numeracy skills for personal and professional development.

HSE preparation courses help students prepare for the High School Equivalency exam, which certifies that individuals have the knowledge and skills equivalent to a high school diploma. Citizenship preparation courses assist eligible immigrants in preparing for the United States naturalization process, including the civics test and interview. Vocational training courses offer hands-on instruction and skills development in various trades and professions, providing students with the knowledge and certifications needed for entry-level employment or career advancement. Computer literacy courses cover basic to advanced computer skills, including keyboarding, internet navigation, word processing, spreadsheet software, and computer programming. Health and wellness courses focus on promoting physical and mental well-being, covering topics such as nutrition, fitness, stress management, and disease prevention. Lifelong learning courses offer opportunities for personal enrichment and exploration, covering a wide range of topics such as arts and crafts, cooking, music, dance, photography, and modern languages.

Academic Preparation

Certificate of Competency

Total Lecture Hrs: 81 - 180
(State Code: 36581; TOP Code: 493013; Academic Plan: C036581E)

The Academic Preparation certificate of competency is designed to provide students with basic English and math skills used in General Education Development (GED) preparation, HiSET preparation, college English and math readiness courses, and assist students with the fundamentals of computer hardware and software applications necessary to be successful in completing college-level coursework and workplace tasks. This program also introduces students to the opportunities and benefits of post-secondary education.

PROGRAM STUDENT LEARNING OUTCOMES

1. Make use of foundational level English necessary to pass the high school equivalency exam, prepare for college English readiness, and to perform general workplace tasks.
2. Make use of foundational level math necessary to pass the high school equivalency exam, prepare for college Math readiness, and to perform general workplace tasks.
3. Use a computer to complete college-level coursework and workplace tasks.
4. Develop an action plan with timelines to successfully transition to college.

PROGRAM REQUIREMENTS

Requirements for the Academic Preparation certificate of competency may be met by completing all required courses with a grade of "Pass."

REQUIRED COURSES		HRS
BSICSKL 006CE	REVIEW OF BASIC ENGLISH	36
BSICSKL 007CE	REVIEW OF BASIC MATH	36

ELECTIVE COURSES (SELECT ONE)		HRS
VOC ED 003CE	WORKPLACE READINESS - COMPUTERS	54-108
VOC ED 290CE	COMPUTER LITERACY FOR COLLEGE	18-54
BSICSKL 075CE	INTRODUCTION TO POST-SECONDARY EDUCATION	.9

Adult Basic Education

Certificate of Competency

Total Lecture Hrs: 153
(State Code: 40907; TOP Code: 493062; Academic Plan: C040907F)

The Adult Basic Education Certificate of Competency is designed to prepare students for basic reading, writing, spelling, and math skills used in the High School Equivalency Test Preparation, workforce preparation and training courses, and college level courses.

PROGRAM STUDENT LEARNING OUTCOMES

1. Improve and apply reading, writing, and mathematical skills for successful completion of the high school equivalency test, workforce preparation and training courses, and college-level courses.
2. Utilize effective study skills learned to support success in test preparation, academic or workforce courses.

PROGRAM REQUIREMENTS

Requirements for the Adult Basic Education certificate of competency may be met by completing all required courses with a grade of "Pass."

REQUIRED COURSES		HRS
BSICSKL 023CE	COLLEGE AND SCHOLASTIC ASSESSMENT PREPARATION	36
BSICSKL 034CE	HIGH SCHOOL EQUIVALENCY TEST PREPARATION	117

Banquet & Restaurant Server

Certificate of Completion

Total Lecture Hrs: 60 - 96
(State Code: 39614; TOP Code: 130700; Academic Plan: C039614E)

The Banquet and Restaurant Server certificate of completion is designed to provide knowledge and practical skills training for students preparing for employment in the hospitality food service industry. Courses cover banquet and dining room skills and etiquette, customer service, and communication skills.

PROGRAM STUDENT LEARNING OUTCOMES

1. Demonstrate appropriate response to customer needs in a dining setting.
2. Design varied banquet styles, room arrangements, and table settings.
3. Apply kitchen cleaning and sanitization standards as dictated by health code.
4. Develop customer service techniques and apply strategies for remaining positive on the job.

PROGRAM REQUIREMENTS

Requirements for the Banquet and Restaurant Server certificate of completion may be met by completing all required courses and one elective course with a grade of "Pass."

REQUIRED COURSES		HRS
VOC ED 242CE	BANQUET SERVER SKILLS TRAINING	18
VOC ED 246CE	RESTAURANT SERVER SKILLS TRAINING	18
VOC ED 230CE	30 WAYS TO SHINE AS A NEW EMPLOYEE	.6

ELECTIVE COURSES (SELECT ONE)		HRS
VOC ED 079CE	VOCATIONAL ENGLISH AS A SECOND LANGUAGE A	54
BSICSKL 006CE	REVIEW OF BASIC ENGLISH	36
VOC ED 239CE	CUSTOMER SERVICE SKILLS	36
VOC ED 247CE	KITCHEN STEWARD SKILLS TRAINING	18

Beginning English as a Second Language

Certificate of Competency

Total Lecture Hrs: 108
(State Code: 36668; TOP Code: 493087; Academic Plan: C036668E)

The Beginning English as a Second Language certificate of competency in is designed to give fundamental reading, writing, listening, and speaking to limited-English speaking students, preparing them for enhanced job opportunities, academic studies, and increased community participation.

PROGRAM STUDENT LEARNING OUTCOMES

1. Demonstrate fundamental reading, writing, listening, and speaking skills in English.

PROGRAM REQUIREMENTS

Requirements for the Beginning English as a Second Language certificate of competency may be met by completing all required courses with a grade of "Pass."

REQUIRED COURSES		HRS
ESL NC 001CE	ENGLISH AS A SECOND LANGUAGE - BEGINNING I	54
ESL NC 002CE	ENGLISH AS A SECOND LANGUAGE - BEGINNING II	54

Beginning ESL & Civics with Technology I

Certificate of Competency

Total Lecture Hrs: 252
(State Code: 44024; TOP Code: 493087; Academic Plan: C044024F)

The Beginning ESL & Civics with Technology I certificate of competency adds to the building blocks for learning the English language and developing computer literacy. Students expand their English language skills, including reading, writing, listening, and speaking skills. Students also develop basic computer skills that will help complement their English language learning. Upon successful completion of the program, students will be prepared to maximize job opportunities as well as community and civic participation and be more prepared for future courses that foster transition to career training and college-level course work. This certificate includes 4 courses and is appropriate for students with scores of 180-190 on the CASAS Appraisal Exam.

PROGRAM STUDENT LEARNING OUTCOMES

1. Students process, understand, and engage with level-appropriate visual content, short written text, and oral presentations to construct meaning in English.
2. Students produce level-appropriate simple written and spoken responses such that it transmits meaning in English.
3. Students use computers and/or smartphones to practice and improve English language skills through educational multimedia, Canvas, and Office 365.

PROGRAM REQUIREMENTS

Requirements for the Beginning ESL & Civics with Technology I certificate of competency may be met by completing all required courses with a grade of "Pass."

REQUIRED COURSES		(198 HRS)
ESLCVCS 031CE	ESL & CIVICS - BEGINNING A	108
ESL NC 050CE	BEGINNING CONVERSATION	54
ESL NC 048CE	PRONUNCIATION I: PRODUCING SOUNDS	18
VOC ED 290CE	COMPUTER LITERACY FOR COLLEGE	18

ELECTIVE COURSES		(54 HRS)
VOC ED 128CE	INTRODUCTION TO KEYBOARDING AND WINDOWS FOR THE WORKPLACE	54
VOC ED 129CE	INTRODUCTION TO THE INTERNET	54

Beginning ESL & Civics with Technology II

Certificate of Competency

Total Lecture Hrs: 252
(State Code: 44023; TOP Code: 493087; Academic Plan: C044023F)

The Beginning ESL & Civics with Technology I certificate of competency adds to the building blocks for learning the English language and developing computer literacy. Students expand their English language skills, including reading, writing, listening, and speaking skills. Students also develop basic computer skills that will help complement their English language learning. Upon successful completion of the program, students will be prepared to maximize job opportunities as well as community and civic participation and be more prepared for future courses that foster transition to career training and college-level course work. This certificate includes 4 courses and is appropriate for students with scores of 180-190 on the CASAS Appraisal Exam.

PROGRAM STUDENT LEARNING OUTCOMES

1. Students process, understand, and engage with level-appropriate visual content, short written text, and oral presentations to construct meaning in English.
2. Students produce level-appropriate simple written and spoken responses such that it transmits meaning in English.
3. Students use computers and/or smartphones to practice and improve English language skills through educational multimedia, Canvas, and Office 365.

PROGRAM REQUIREMENTS

Requirements for the Beginning ESL & Civics with Technology II certificate of competency may be met by completing all required courses with a grade of "Pass."

REQUIRED COURSES		(198 HRS)
ESLCVCS 032CE	ESL & CIVICS - BEGINNING HIGH A	108
ESL NC 060CE	CONVERSATION - LEVEL 2	54
ESL NC 049CE	PRONUNCIATION II: IMPROVING FLUENCY	18
VOC ED 290CE	COMPUTER LITERACY FOR COLLEGE	18

ELECTIVE COURSES		(54 HRS)
VOC ED 128CE	INTRODUCTION TO KEYBOARDING AND WINDOWS FOR THE WORKPLACE	54
VOC ED 129CE	INTRODUCTION TO THE INTERNET	54

Behavior Technician: Autism

Certificate of Completion

Total Lecture Hrs: 93
(State Code: 43867; TOP Code: 129900; Academic Plan: C043867E)

The Behavior Technician: Autism certificate of completion prepares individuals for frontline work in the field of applied behavior analysis. Students learn about autism, other cognitive impairments and their common characteristics, how learning takes place, assessment and documentation guidelines. This entry-level program is designed to meet national training requirements to become a Registered Behavior Technician.

PROGRAM STUDENT LEARNING OUTCOMES

1. Define autism and common behaviors.
2. Explain the function of behavior and the different types of reinforcement.
3. Describe basic interventions used in Applied Behavior Analysis (ABA).
4. Explain the duties of a behavior technician.

PROGRAM REQUIREMENTS

Requirements for the Behavior Technician: Autism certificate of completion may be met by completing all required courses with a grade of "Pass."

REQUIRED COURSES		HRS
VOC ED 421CE	INTRODUCTION TO THE BEHAVIOR TECHNICIAN PROGRAM	24
VOC ED 422CE	BEHAVIOR TECHNICIAN TEST PREPARATION	45
VOC ED 425CE	AUTISM SERVICES AIDE	24

Behavior Technician: Preparation

Certificate of Completion

Total Lecture Hrs: 69
(State Code: 43866; TOP Code: 129900; Academic Plan: C043866E)

The Behavior Technician Preparation certificate of completion prepares individuals for frontline work in the field of applied behavior analysis. Students learn about common problem behaviors, how learning takes place, assessment and documentation guidelines. This entry-level program is designed to meet national training requirements to become a Registered Behavior Technician.

PROGRAM STUDENT LEARNING OUTCOMES

1. Explain the function of behavior and the different types of reinforcement.
2. Describe basic interventions used in Applied Behavior Analysis (ABA).
3. Explain the duties of a behavior technician.

PROGRAM REQUIREMENTS

Requirements for the Behavior Technician Preparation certificate of completion may be met by completing all required courses with a grade of "Pass."

REQUIRED COURSES		HRS
VOC ED 421CE	INTRODUCTION TO THE BEHAVIOR TECHNICIAN PROGRAM	24
VOC ED 422CE	BEHAVIOR TECHNICIAN TEST PREPARATION	45

Career Discovery Skills

Certificate of Completion

Total Lecture Hrs: 54
(State Code: 24387; TOP Code: 493012; Academic Plan: C024387E)

The Career Discovery Skills certificate of completion in is designed to help the student make a meaningful decision regarding a career goal including career assessments, various self-appraisal techniques, and information regarding career characteristics and trends using career information technology, insights into their interests, and personality which gives them the ability to make realistic and informed career choices.

PROGRAM STUDENT LEARNING OUTCOMES

1. Use tools and resources to assist in career decision-making process.
2. Develop an effective resume that matches a job description.
3. Prepare for an employment interview, including developing responses, describing experience, and dressing for success.

PROGRAM REQUIREMENTS

Requirements for the Career Discovery Skills certificate of completion may be met by completing all required courses with a grade of "Pass."

REQUIRED COURSES		HRS
VOC ED 236CE	JOB CLUB	18
VOC ED 238CE	JOB READINESS	36

Child Development Readiness

Certificate of Completion

Total Lecture Hrs: 24
(State Code: 36277; TOP Code: 130500; Academic Plan: C036277F)

The Child Development Readiness certificate of completion is designed to help the students who need additional assistance in mastering the specialized vocabulary and developmental theories in introductory child development coursework. Students will increase their level in study skills, reading strategies, test taking tools, customer service, workplace culture, and job readiness tools.

PROGRAM STUDENT LEARNING OUTCOMES

1. Master the specialized vocabulary and development theories in introductory child development coursework.
2. Discuss study skills, reading strategies, and test taking tools.
3. Develop a level of customer service techniques.
4. Plan and implement a job search.

PROGRAM REQUIREMENTS

Requirements for the Child Development Readiness certificate of completion may be met by completing all required courses with a grade of "Pass."

REQUIRED COURSES		HRS
VOC ED 054CE	VESL FOR CD1 - SPECIALIZED VOCABULARY IN DEVELOPMENT THEORIES	18
VOC ED 230CE	30 WAYS TO SHINE AS A NEW EMPLOYEE	6

Computer Skills for the Workplace

Certificate of Completion

Total Lecture Hrs: 162
(State Code: 39702; TOP Code: 051400; Academic Plan: C039702E)

The Computer Skills for the Workplace certificate of completion is designed to prepare students with practical skills to use software commonly used in educational programs and employment. Students will increase competency with word processing, spreadsheet, and multimedia presentation software.

PROGRAM STUDENT LEARNING OUTCOMES

1. Create, save, format, edit, and print word processing documents.
2. Develop formatted spreadsheets to organize and interpret data.
3. Design multimedia presentations for academic or career-related use.

PROGRAM REQUIREMENTS

Requirements for the Computer Skills for the Workplace certificate of completion may be met by completing all required courses with a grade of "Pass."

REQUIRED COURSES		HRS
VOC ED 103CE	INTRODUCTION TO WORD PROCESSING	54
VOC ED 104CE	INTRODUCTION TO SPREADSHEETS	54
VOC ED 105CE	INTRODUCTION TO MULTIMEDIA PRESENTATIONS	54

College Readiness Math Fundamentals I

Certificate of Competency

Total Lecture Hrs: 72
(State Code: 40127; TOP Code: 493060; Academic Plan: C040127F)

The College Readiness Math Fundamentals I certificate of competency is designed for students to increase their math competency at the foundational level. The program covers: basic arithmetic, division of fractions and decimals, ratios and proportions, integers, algebraic expressions, and formulas.

PROGRAM STUDENT LEARNING OUTCOMES

1. Apply basic arithmetic operations on whole numbers, fractions, and decimal numbers.
2. Demonstrate applied math skills to solve word problems.
3. Compute problems in addition, subtraction, multiplication, and division of fractions, decimals, percentages, ratios, and proportions and effective leadership skills.

PROGRAM REQUIREMENTS

Requirements for the College Readiness Math Fundamentals I certificate of competency may be met by completing all required courses with a grade of "Pass."

REQUIRED COURSES		HRS
BSICSKL 200CE	COLLEGE READINESS MATH SKILLS I	36
BSICSKL 201CE	COLLEGE READINESS MATH SKILLS II	36

College Readiness Math Fundamentals II

Certificate of Competency

Total Lecture Hrs: 108
(State Code: 40128; TOP Code: 493060; Academic Plan: C040128F)

The College Readiness Math Fundamentals II certificate of competency is designed for students to increase their math competency in preparation for college courses. The program covers algebraic fundamentals, solving inequalities, linear equations, and multiple variable equations.

PROGRAM STUDENT LEARNING OUTCOMES

1. Simplify algebraic expressions.
2. Demonstrate applied math skills to solve word problems in integers, exponents, and roots, and non-linear equations such as polynomial and rational.
3. Solve compound linear equations, linear inequalities, and absolute value equations and inequalities.

PROGRAM REQUIREMENTS

Requirements for the College Readiness Math Fundamentals II certificate of competency may be met by completing all required courses with a grade of "Pass."

REQUIRED COURSES		HRS
BSICSKL 202CE	COLLEGE READINESS MATH SKILLS III	54
BSICSKL 203CE	COLLEGE READINESS MATH SKILLS IV	54

Customer Service Skills

Certificate of Completion

Total Lecture Hrs: 72
(State Code: 24294; TOP Code: 130110; Academic Plan: C024294E)

The Customer Service Skills certificate of completion is designed to introduce and train new, current, and dislocated workers to the service workplace. Provide instruction in job acquisition, retention, advancement, basic customer service skills, workplace success strategies and skills, and how to become an exceptional employee.

PROGRAM STUDENT LEARNING OUTCOMES

1. Discuss and address customer satisfaction.
2. Develop professional resume, cover letter, and interviewing skills.
3. Discuss workplace success strategies and skills.

PROGRAM REQUIREMENTS

Requirements for the Customer Service Skills certificate of completion may be met by completing all required courses with a grade of "Pass."

REQUIRED COURSES		HRS
VOC ED 239CE	CUSTOMER SERVICE SKILLS	18
VOC ED 236CE	JOB CLUB	18
VOC ED 238CE	JOB READINESS	36

E-Commerce

Certificate of Completion

Total Lecture Hrs: 72
(State Code: 41257; TOP Code: 050970; Academic Plan: C041257E)

The E-Commerce certificate of completion is designed to introduce students to the fundamentals of e-commerce. Students gain knowledge and acquire vocational skills for use in a variety of E-commerce areas such as business, electronic shopping and mail-order houses, web design, or to open a small home-based business. The entry-level skills attained will also enable students to explore the general practices of planning, launching, and operating an e-commerce home-based business, building customer relationships, budgeting, and merchandising.

PROGRAM STUDENT LEARNING OUTCOMES

1. Explore and discuss an E-Commerce idea.
2. Discuss technology infrastructure that make E-Commerce possible.
3. Identify the benefits and risks of building a home-based business.
4. Design a social media webpage storyboard.

PROGRAM REQUIREMENTS

Requirements for the E-Commerce certificate of completion may be met by completing all required courses with a grade of "Pass."

REQUIRED COURSES		HRS
VOC ED 446CE	INTRODUCTION TO E-COMMERCE	36
VOC ED 447CE	INTRODUCTION TO BUILDING A HOME-BASED BUSINESS	36

English as a Second Language - Civics

Certificate of Competency

Total Lecture Hrs: 324
(State Code: 24344; TOP Code: 493087; Academic Plan: C024344E)

The English as a Second Language - Civics certificate of competency enhances the English language skills of limited English-speaking students while preparing them for the United States Citizenship Exam. Students practice fundamental reading, writing, listening, and speaking skills to prepare them for enhanced job opportunities and increased civic participation.

PROGRAM STUDENT LEARNING OUTCOMES

1. Demonstrate knowledge of citizenship and civics-related issues.
2. Demonstrate basic communication skills of listening and speaking necessary to perform everyday activities.
3. Demonstrate basic communication skills of reading and writing necessary to perform everyday activities.

PROGRAM REQUIREMENTS

Requirements for the English as a Second Language - Civics certificate of competency may be met by completing all required courses with a grade of "Pass."

REQUIRED COURSES		HRS
ESLCVCS 030CE	ENGLISH LITERACY AND CIVICS - FOUNDATIONAL	108
ESLCVCS 031CE	ESL & CIVICS - BEGINNING A	108
ESLCVCS 032CE	ESL & CIVICS - BEGINNING HIGH A	108

English as a Second Language - Conversation

Certificate of Competency

Total Lecture Hrs: 108
(State Code: 42057; TOP Code: 493086; Academic Plan: C042057F)

The English as a Second Language–Conversation Certificate of Competency is designed to prepare students in listening comprehension and speaking skills by using conversational strategies using formal and informal language in preparation for enhanced job opportunities, adult education studies, and increased community participation.

PROGRAM STUDENT LEARNING OUTCOMES

1. Demonstrate essential oral communication skills in English.
2. Interpret information presented in an authentic listening passage and answer comprehension questions.
3. Participate in conversations and discussions about a range of topics, texts, and issues.

PROGRAM REQUIREMENTS

Requirements for the English as a Second Language-Conversation certificate of competency may be met by completing all required courses with a grade of "Pass."

REQUIRED COURSES		HRS
ESL NC 050CE	BEGINNING CONVERSATION	54
ESL NC 060CE	CONVERSATION - LEVEL 2	54

English as a Second Language-Pronunciation

Certificate of Competency

Total Lecture Hrs: 54
(State Code: 41252; TOP Code: 493086; Academic Plan: C041252F)

The English as a Second Language - Pronunciation Certificate of Competency is designed to prepare students in the areas of pronunciation for effective communication in English to succeed in daily life, community participation, employment, and academic studies. Students learn vowel and consonant sounds, syllabification, pronunciation contrast, rhythm, focus words, connected speech, intonation, thought groups and stress.

PROGRAM STUDENT LEARNING OUTCOMES

1. Demonstrate fundamental communication skills with a focus on pronunciation in English.
2. Recognize and produce rhythm and intonation patterns appropriate to a given situation.

PROGRAM REQUIREMENTS

Requirements for the English as a Second Language-Pronunciation certificate of competency may be met by completing all required courses with a grade of "Pass."

REQUIRED COURSES		HRS
ESL NC 048CE	PRONUNCIATION I: PRODUCING SOUNDS	18
ESL NC 049CE	PRONUNCIATION II: IMPROVING FLUENCY	36

English for Speakers of Other Languages - Level I

Certificate of Competency

Total Lecture Hrs: 162 - 270

(State Code: 42058; TOP Code: 493087; Academic Plan: C042058F)

The English for Speakers of Other Languages - Level I Certificate of Competency is designed to prepare students in various foundational levels of English proficiency. Students learn the fundamentals of reading, writing, listening, and speaking, preparing them for enhanced job opportunities, adult education studies, and increased community participation.

PROGRAM STUDENT LEARNING OUTCOMES

1. Identify and write alphabetical letters and numerals to communicate basic information in English such as name, address, phone number, and apply information to complete simplified forms.
2. Answer simple questions with non-verbals, Yes/No, one word responses, or short phrases.
3. Recognize and produce sentences with basic English word order.

PROGRAM REQUIREMENTS

Requirements for the English for Speakers of Other Languages - Level I certificate of competency may be met by completing all required courses with a grade of "Pass."

REQUIRED COURSES		HRS
ESL NC 110CE	ENGLISH AS A SECOND LANGUAGE - LITERACY	108
ESL NC 221CE	MULTILEVEL ENGLISH FOR SPEAKERS OF OTHER LANGUAGES - LEVEL 1	54-162

English for Speakers of Other Languages - Level II

Certificate of Competency

Total Lecture Hrs: 108 - 216

(State Code: 42059; TOP Code: 493087; Academic Plan: C042059F)

The English for Speakers of Other Languages - Level II Certificate of Competency is designed to prepare students in various levels of developing English proficiency. Students learn creative oral language activities, comprehending and participating in conversations, introductory critical thinking skills, and reading and writing tasks. Students are exposed to authentic spoken and written content to prepare for adult education studies, the workplace, and civic participation.

PROGRAM STUDENT LEARNING OUTCOMES

1. Demonstrate essential reading, writing, listening, and speaking skills in English.
2. Answer comprehension questions to demonstrate understanding of written materials.
3. Write paragraphs related to everyday life at a developmental level of proficiency.

PROGRAM REQUIREMENTS

Requirements for the English for Speakers of Other Languages - Level 2 certificate of competency may be met by completing all required courses with a grade of "Pass."

REQUIRED COURSES		HRS
ESL NC 210CE	ENGLISH AS A SECOND LANGUAGE - LEVEL 3	54
ESL NC 222CE	MULTILEVEL ENGLISH FOR SPEAKERS OF OTHER LANGUAGES - LEVEL 2	54

Entrepreneurship Skills

Certificate of Completion

Total Lecture Hrs: 54

(State Code: 24069; TOP Code: 050640; Academic Plan: C024069F)

The Entrepreneurship Skills certificate of completion is designed to give students the necessary knowledge and skills to plan, develop, and operate a business. The business entrepreneur utilizes the understanding of business concepts, strategies, and technology to shape ideas into opportunities supported by research, data, and business models.

PROGRAM STUDENT LEARNING OUTCOMES

1. Apply entrepreneurship and customer service concepts to analyze and improve various business ideas.
2. Develop a business plan, marketing strategies, and measure business success.

PROGRAM REQUIREMENTS

Requirements for the Entrepreneurship Skills certificate of completion may be met by completing all required courses with a grade of "Pass."

REQUIRED COURSES		HRS
VOC ED 084CE	ENTREPRENEUR TRAINING PROGRAM	36
VOC ED 239CE	CUSTOMER SERVICE SKILLS	18

Food Handler's Preparation

Certificate of Completion

Total Lecture Hrs: 42
(State Code: 40524; TOP Code: 130600; Academic Plan: C040524E)

The Food Handler's Preparation Certificate of Completion will prepare students with food service industry concepts and skills for employment in food kitchens, and the hospitality industry by providing knowledge and skills in food handling and safety, personal hygiene, time and temperature, FDA guidelines, cross-contamination and allergens, cleaning and sanitizing kitchen tools, surfaces, and equipment.

PROGRAM STUDENT LEARNING OUTCOMES

1. Identify appropriate personal hygiene practices for use in a food preparation setting.
2. Explain health regulation standards to prevent the spread of diseases to self and customers.
3. Implement successful test taking strategies.
4. Describe optimal employee behaviors in a food service environment.

PROGRAM REQUIREMENTS

Requirements for the Food Handler's Preparation certificate of completion may be met by completing all required courses with a grade of "Pass."

REQUIRED COURSES		HRS
VOC ED 253CE	FOOD HANDLER'S CARD TEST PREPARATION	18
VOC ED 247CE	KITCHEN STEWARD SKILLS TRAINING	18
VOC ED 230CE	30 WAYS TO SHINE AS A NEW EMPLOYEE	6

Food Service Manager Skills Preparation

Certificate of Completion

Total Lecture Hrs: 72
(State Code: 40543; TOP Code: 130600; Academic Plan: C040543E)

The Food Service Manager Skills Preparation Certificate of Completion is designed to prepare students with food service-industry concepts and skills, including personal hygiene, contamination, best practices for purchasing, receiving, storing, cooking, serving, cleaning and sanitization, food safety management, equipment maintenance, and pest control.

PROGRAM STUDENT LEARNING OUTCOMES

1. Identify strategies for maintaining a safe kitchen environment, including proper food storage, food preparation, cleaning, sanitization, and employee hygiene practices.
2. Comply with health regulation standards to prevent the spread of diseases.
3. Implement successful test taking strategies.

PROGRAM REQUIREMENTS

Requirements for the Food Service Manager Skills Preparation certificate of completion may be met by completing all required courses with a grade of "Pass."

REQUIRED COURSES		HRS
VOC ED 254CE	FOOD SERVICE MANAGER TEST PREPARATION	54
VOC ED 247CE	KITCHEN STEWARD SKILLS TRAINING	18

Front Desk Representative & Reservationist

Certificate of Completion

Total Lecture Hrs: 60 - 150
(State Code: 39616; TOP Code: 130700; Academic Plan: C039616E)

The Front Desk Representative & Reservationist certificate of completion prepares students to enter careers in the hospitality industry. Students learn service industry concepts and skills, including greeting and checking in guests; using effective sales techniques; handling guest questions and complaints; taking reservations and processing payments.

PROGRAM STUDENT LEARNING OUTCOMES

1. Apply appropriate communication for client services, including professionally resolving concerns, conflicts, and problems.
2. Demonstrate use of computers and other technology for use in booking and addressing client needs.
3. Develop customer service techniques and apply strategies for remaining positive on the job.

PROGRAM REQUIREMENTS

Requirements for the Front Desk Representative & Reservationist certificate of completion may be met by completing all required courses and one elective course with a grade of "Pass."

REQUIRED COURSES		HRS
VOC ED 243CE	FRONT DESK REPRESENTATIVE	18
VOC ED 249CE	RESERVATIONIST SKILLS TRAINING	18
VOC ED 230CE	30 WAYS TO SHINE AS A NEW EMPLOYEE	6

ELECTIVE COURSES (SELECT ONE)		HRS
VOC ED 079CE	VOCATIONAL ENGLISH AS A SECOND LANGUAGE A	54
BSICSKL 006CE	REVIEW OF BASIC ENGLISH	36
VOC ED 003CE	WORKPLACE READINESS - COMPUTERS	54-108
VOC ED 239CE	CUSTOMER SERVICE SKILLS	18

Gig Economy Success Kit

Certificate of Completion

Total Lecture Hrs: 72
(State Code: 40193; TOP Code: 059900; Academic Plan: C040193E)

The Gig Economy Success Kit certificate of completion is designed to prepare students with practical skills and knowledge to navigate the gig economy. Students learn about personal spending and budgeting, planning and goal setting for personal finances, preventing identify theft, developing a business plan, leadership, developing a professional image, and fostering business growth.

PROGRAM STUDENT LEARNING OUTCOMES

1. Develop a budget to manage spending, saving, and investing.
2. Apply strategies for starting and growing a business.
3. Create a sample business plan.

PROGRAM REQUIREMENTS

Requirements for the Gig Economy Success Kit certificate of completion may be met by completing all required courses with a grade of "Pass."

REQUIRED COURSES		HRS
VOC ED 084CE	ENTREPRENEUR TRAINING PROGRAM	36
VOC ED 063CE	MANAGING MONEY	36

Global Business

Certificate of Completion

Total Lecture Hrs: 108
(State Code: 41258; TOP Code: 050800; Academic Plan: C041258E)

The Global Business Certificate of Completion is designed as a pathway for students to explore elements of modern globalization that impact the world, gain knowledge and short-term vocational skills. Students gain an understanding of the growing field of global business which includes, purchasing, trade, logistics, and supply management. The entry-level skills attained will also enable students to be successful in a variety of global business environments; including self-employed entrepreneurial occupations where a livable wage can be earned.

PROGRAM STUDENT LEARNING OUTCOMES

1. Explain why importing, exporting, and global sourcing are a major part of global business.
2. Identify elements of a basic SWOT analysis.
3. Discuss concepts of corporate social responsibility, differences in cultures, marketing, and global business practices.
4. Describe the four pillars of excellence an organization should have to promote a successful purchasing and supply chain environment.

PROGRAM REQUIREMENTS

Requirements for the Global Business certificate of completion may be met by completing all required courses plus one elective course with a grade of "Pass."

REQUIRED COURSES		HRS
VOC ED 444CE	INTRODUCTION TO GLOBAL BUSINESS	54
VOC ED 445CE	INTRODUCTION TO PURCHASING AND SUPPLY MANAGEMENT	54

Guestroom Attendant

Certificate of Completion

Total Lecture Hrs: 114 or 132
(State Code: 39617; TOP Code: 130700; Academic Plan: C039617E)

The Guestroom Attendant certificate of completion is designed to provide knowledge and practical skills training for students preparing for employment in the hospitality service industry. Courses cover guestroom and public space cleaning and sanitization, laundry, and customer service skills.

PROGRAM STUDENT LEARNING OUTCOMES

1. Utilize various laundering techniques and equipment.
2. Select best strategy for performing deep cleaning projects such as high dusting, carpet cleaning, and steam cleaning furniture.
3. Organize guest rooms, supplies, and amenities.
4. Develop customer service techniques and apply strategies for remaining positive on the job.

PROGRAM REQUIREMENTS

Requirements for the Guestroom Attendant certificate of completion may be met by completing all required courses plus one elective course with a grade of "Pass."

REQUIRED COURSES		HRS
VOC ED 250CE	GUESTROOM ATTENDANT SKILLS TRAINING	18
VOC ED 244CE	LAUNDRY ATTENDANT SKILLS TRAINING	18
VOC ED 245CE	PUBLIC SPACE CLEANER SKILLS	18
VOC ED 239CE	CUSTOMER SERVICE SKILLS	18
VOC ED 230CE	30 WAYS TO SHINE AS A NEW EMPLOYEE	6

ELECTIVE COURSES (SELECT ONE)		HRS
BSICSKL 006CE	REVIEW OF BASIC ENGLISH	36
VOC ED 079CE	VOCATIONAL ENGLISH AS A SECOND LANGUAGE A	54
VOC ED 238CE	JOB READINESS	36

Health Careers Readiness

Certificate of Completion

Total Lecture Hrs: 42
(State Code: 35936; TOP Code: 120100; Academic Plan: C035936E)

The Health Careers Readiness certificate of completion is designed to help students learn English, medical terminology, and acquire a general introduction to careers in the healthcare field along with common medical practices. Students will increase their level of customer service, confidence, and future colleague relations.

PROGRAM STUDENT LEARNING OUTCOMES

1. Use vocabulary, medical terminology, pronunciation, and grammar and comprehension skills necessary for successful transition to health career classes.
2. Understand the importance of customer service and colleague relations.

PROGRAM REQUIREMENTS

Requirements for the Health Careers Readiness certificate of completion may be met by completing all required courses with a grade of "Pass."

REQUIRED COURSES		HRS
VOC ED 056CE	VOCATIONAL ESL FOR HEALTH CAREERS	36
VOC ED 230CE	30 WAYS TO SHINE AS A NEW EMPLOYEE	6

Healthcare Services

Certificate of Completion

Total Lecture Hrs: 36
(State Code: 41255; TOP Code: 493012; Academic Plan: C041255E)

The Healthcare Services Certificate of Completion will prepare the students with knowledge and skills to successfully engage in various healthcare professions. Students will learn foundational skills of medical terminology, concepts of health, ethical and legal issues, which will enable them to make the right decisions regarding their professional responsibilities such as reporting abuse, neglect, and communicating with the clients regarding client rights and responsibilities.

PROGRAM STUDENT LEARNING OUTCOMES

1. Identify career opportunities and roles available in the healthcare sector.
2. Apply proper ethical behavior in a healthcare environment.
3. Recognize legal and ethical responsibilities of a healthcare worker.
4. Use diverse perspectives and sensitivities in healthcare.

PROGRAM REQUIREMENTS

Requirements for the Healthcare Services certificate of completion may be met by completing all required courses with a grade of "Pass."

REQUIRED COURSES		HRS
VOC ED 400CE	INTRODUCTION TO MEDICAL TERMINOLOGY	18
VOC ED 403CE	LAW & ETHICS HEALTH PROFESSIONS	18

High School Equivalency Test Preparation

Certificate of Competency

Total Lecture Hrs: 216
(State Code: 36276; TOP Code: 493062; Academic Plan: C036276E)

The High School Equivalency Test Preparation certificate of competency prepares students to pass subject tests in reading, writing, mathematics, science, and social studies in preparation for a high school equivalency test (GED, HiSET, or the TASC).

PROGRAM STUDENT LEARNING OUTCOMES

1. Enhance ability to read, understand, and use information in the context of social studies.
2. Develop an understanding of science, the study of living things structure, revision of sentences/passages, reading, and conventions related to an official science test.
3. Practicing and demonstrating arithmetic, the metric system, algebra, geometry, statistics, and probability problems.
4. Examine critical thinking, reading comprehension, interpreting graphs, analyzing literature and the arts, tone and style/prose fiction, and interpreting poetry, drama, plays, non-fiction, and commentaries.

PROGRAM REQUIREMENTS

Requirements for the High School Equivalency Test Preparation certificate of competency may be met by completing all required courses with a grade of "Pass."

REQUIRED COURSES		HRS
BSICSKL 083CE	GED PREPARATION: LITERATURE AND THE ARTS	54
BSICSKL 084CE	GED PREPARATION: MATHEMATICS	54
BSICSKL 085CE	GED PREPARATION: SCIENCE	54
BSICSKL 086CE	GED PREPARATION: SOCIAL STUDIES	54

Hospitality

Certificate of Completion

Total Lecture Hrs: 162
(State Code: 24118; TOP Code: 130700; Academic Plan: C024118F)

The Hospitality Skills certificate of completion prepares students to be eligible to participate for 8 American Hotel & Lodging Association (AHLA) nationally recognized certifications that include options for entry-level hotel employee. Students will be equipped with the competitive skills, knowledge, and abilities needed to obtain and retain employment in the hospitality sector.

PROGRAM STUDENT LEARNING OUTCOMES

1. Apply concepts and skills necessary to achieve guest satisfaction.
2. Perform entry-level level job functions in hotel/restaurant careers.
3. Prepare for American Hotel and Lodging Association certifications.

PROGRAM REQUIREMENTS

Requirements for the Hospitality Skills certificate of completion may be met by completing all required courses with a grade of "Pass."

REQUIRED COURSES		HRS
VOC ED 242CE	BANQUET SERVER SKILLS	18
VOC ED 243CE	FRONT DESK REPRESENTATIVE	18
VOC ED 244CE	LAUNDRY ATTENDANT SKILLS	18
VOC ED 245CE	PUBLIC SPACE CLEANER SKILLS	18
VOC ED 246CE	RESTAURANT SERVER SKILLS	18
VOC ED 247CE	KITCHEN STEWARD SKILLS	18
VOC ED 248CE	MAINTENANCE ATTENDANT SKILLS	18
VOC ED 249CE	RESERVATIONIST SKILLS	18
VOC ED 250CE	GUESTROOM ATTENDANT SKILLS TRAINING	18

In-Home Supportive Services Skills

Certificate of Completion

Total Lecture Hrs: 108
(State Code: 24446; TOP Code: 123080; Academic Plan: C024446E)

The In-Home Supportive Services Skills certificate of completion is designed for students to provide in-home care to patients, assist with activities of daily living, and provide care in the areas of comfort, hygiene, nutrition, elimination, sleep, rest, and first aid and CPR on adult patients.

PROGRAM STUDENT LEARNING OUTCOMES

1. Properly and safely assist patients in living in their own homes with basic functions of daily life.
2. Perform in-home care to patients, assist them with activities of daily living, and provide care to patients in the areas of comfort, hygiene, nutrition, elimination, sleep, and rest.
3. Perform first aid and CPR on adult patients.

PROGRAM REQUIREMENTS

Requirements for the In-Home Supportive Services Skills certificate of completion may be met by completing all required courses with a grade of "Pass."

REQUIRED COURSES		HRS
VOC ED 002CE	IN-HOME SUPPORTIVE SERVICES (IHSS) PROVIDER	90
VOC ED 059CE	VESL FOR HOME HEALTH AIDE	18

International Marketing Professional

Certificate of Completion

Total Lecture Hrs: 90
(State Code: 41259; TOP Code: 050900; Academic Plan: C041259E)

The International Marketing Professional Certificate of Completion will provide the students with a foundation in sales, marketing, and skills to navigate global economic environment. This program will help students gain knowledge in global marketing research, global strategy, marketing mix, management, global environment for products and services, and opportunities to work in the field of international marketing.

PROGRAM STUDENT LEARNING OUTCOMES

1. Evaluate the global marketing environment.
2. Describe and determine a target market for whom international marketing strategies will be developed.
3. Design a global marketing plan which appropriately covers each element of the marketing mix from a global perspective.

PROGRAM REQUIREMENTS

Requirements for the International Marketing Professional certificate of completion may be met by completing all required courses with a grade of "Pass."

REQUIRED COURSES		HRS
VOC ED 536CE	INTERNATIONAL MARKETING I: THE GLOBAL BUSINESS ENVIRONMENT	36
VOC ED 537CE	INTERNATIONAL MARKETING II: GLOBAL MARKETING MANAGEMENT	36
VOC ED 538CE	INTERNATIONAL MARKETING III: GLOBAL MARKETING: STRATEGY, PLANNING	18

Interpersonal Skills For The Workplace
Certificate of Completion

Total Lecture Hrs: 72
(State Code: 42068; TOP Code: 493011; Academic Plan: C042068E)

The Interpersonal Skills for the Workplace Certificate of Completion provides students with the skills and knowledge needed to communicate effectively and maintain positive attitude at the workplace. Students are introduced to anger management techniques, effective relationship building strategies, and habits that promote success and wellness.

PROGRAM STUDENT LEARNING OUTCOMES

1. Identify ways to achieve wellness through physical, emotional, social, and intellectual development.
2. Develop effective communication and relationship-building strategies.
3. Describe how to apply anger management skills in personal development goals, school, community, and at the workplace.

PROGRAM REQUIREMENTS

Requirements for the Interpersonal Skills for Workplace certificate of completion may be met by completing all required courses with a grade of "Pass."

REQUIRED COURSES		HRS
VOC ED 122CE	HABITS FOR SUCCESS.	36
VOC ED 822CE	ANGER MANAGEMENT SKILLS	36

Introduction to Computers
Certificate of Completion

Total Lecture Hrs: 108
(State Code: 39703; TOP Code: 051400; Academic Plan: C039703E)

The Introduction to Computers Certificate of Completion is designed to provide foundational knowledge and practical skills for students preparing for employment or educational programs that use computers and the internet. Course content includes basic keyboarding, computer software, and navigating the internet.

PROGRAM STUDENT LEARNING OUTCOMES

1. Demonstrate basic computing skills, including: using a mouse, keyboarding, creating and saving documents, and navigating the Windows environment.
2. Navigate the internet browser and access online resources such as email and search utilities.

PROGRAM REQUIREMENTS

Requirements for the Introduction to Computers certificate of completion may be met by completing all required courses with a grade of "Pass."

REQUIRED COURSES		HRS
VOC ED 128CE	INTRODUCTION TO KEYBOARDING AND WINDOWS FOR THE WORKPLACE	54
VOC ED 129CE	INTRODUCTION TO THE INTERNET	54

Introduction to Patient Transporting
Certificate of Completion

Total Lecture Hrs: 45
(State Code: 44082 ; TOP Code: 120100; Academic Plan: C044082E)

The Introduction to Patient Transporting Certificate of Completion prepares students with the knowledge and skills necessary to successfully fulfill the role of patient transporter in various healthcare settings. Topics include communication skills and terminology for patient transporters, basic life support and first aid, safety and ergonomics, and patient handling and mobility.

PROGRAM STUDENT LEARNING OUTCOMES

1. List roles and responsibilities of a patient transporter.
2. Demonstrate appropriate techniques for effective body positioning and transfer.
3. Apply word-building strategies for learning medical terminology.
4. Explain how to give cardiopulmonary resuscitation (CPR) to an adult, child, and infant.

PROGRAM REQUIREMENTS

Requirements for the Introduction to Patient Transporting certificate of completion may be met by completing all required courses with a grade of "Pass."

REQUIRED COURSES		HRS
VOC ED 429CE	TECHNICAL SKILLS TRAINING FOR PATIENT TRANSPORTERS	18
VOC ED 400CE	INTRODUCTION TO MEDICAL TERMINOLOGY	18
VOC ED 379CE	BASIC LIFE SUPPORT AND FIRST AID FOR MEDICAL ASSISTANTS	9

Job Readiness
Certificate of Completion

Total Lecture Hrs: 78
(State Code: 24071; TOP Code: 493012; Academic Plan: C024071E)

The Job Readiness Skills certificate of completion is designed to introduce and train new, current, and dislocated workers in the workplace with a focus on job acquisition, retention, and career progression.

PROGRAM STUDENT LEARNING OUTCOMES

1. Identify a career field of choice.
2. Develop an effective resume and interviewing skills.
3. Employ basic customer service techniques including strategies for remaining positive on the job.

PROGRAM REQUIREMENTS

Requirements for the Job Readiness Skills certificate of completion may be met by completing all required courses with a grade of "Pass."

REQUIRED COURSES		HRS
VOC ED 238CE	JOB READINESS	36
VOC ED 236CE	JOB CLUB	18
VOC ED 239CE	CUSTOMER SERVICE SKILLS.	18
VOC ED 230CE	30 WAYS TO SHINE AS A NEW EMPLOYEE	6

Law and Ethics in Business

Certificate of Completion

Total Lecture Hrs: 72
(State Code: 41271; TOP Code: 050500; Academic Plan: C041271E)

The Law and Ethics in Business certificate of completion is designed to provide students with a foundation in legal and ethical behavior in business. Students will gain an understanding of law and legal procedures, legal and ethical issues related to contracts, types of business organizations, consumer protection, and employment relationships. The knowledge and skills acquired will enable the students solve ethical dilemmas and understand legal problems arising in business, make appropriate business decisions and be successful in entrepreneurial business occupations.

PROGRAM STUDENT LEARNING OUTCOMES

1. Identify the fundamentals of legal systems and political forces affecting the development and operation of businesses.
2. Describe the process of ethical decision making and create a Code of Ethics Policy Outline.

PROGRAM REQUIREMENTS

Requirements for the Law and Ethics in Business certificate of completion may be met by completing all required courses with a grade of "Pass."

REQUIRED COURSES		HRS
VOC ED 448CE	INTRODUCTION TO LEGAL ENVIRONMENT IN BUSINESS	36
VOC ED 449CE	INTRODUCTION TO BUSINESS ETHICS	36

Literacy Level ESL

Certificate of Competency

Total Lecture Hrs: 216
(State Code: 38723; TOP Code: 493087; Academic Plan: C038723E)

The Literacy Level ESL certificate of competency develops the ability of non-English speaking students in basic literacy skills, including reading, writing, listening, speaking, and conversational skills. The certificate prepares students for enhanced job opportunities, transition to academic studies, and increased community participation.

PROGRAM STUDENT LEARNING OUTCOMES

1. Demonstrate basic literacy skills, including reading, writing, listening, speaking, and conversational skills.
2. Demonstrate basic knowledge of civic-related issues.

PROGRAM REQUIREMENTS

Requirements for the Literacy Level ESL certificate of competency may be met by completing all required courses with a grade of "Pass."

REQUIRED COURSES		HRS
ESL NC 002CE	BEGINNING ENGLISH AS A SECOND LANGUAGE II	54
ESL NC 050CE	BEGINNING CONVERSATION	54
ESLCVCS 033CE	ESL & CIVICS - INTERMEDIATE A	108

Medical Assistant: Back Office

Certificate of Completion

Total Lecture Hrs: 171
(State Code: 42201; TOP Code: 120820; Academic Plan: C042201E)

The Medical Assistant Back Office Certificate of Completion provides students with the skills and knowledge needed for an entry-level career as a back office medical assistant. Back office medical assistants are allied health professionals responsible for various duties including but not limited to taking and recording vital signs, exam room and patient preparation, patient data collection, and simple wound dressing changes.

PROGRAM STUDENT LEARNING OUTCOMES

1. Demonstrate the skills necessary to assist with routine medical exams.
2. Identify and practice infection control procedures for the ambulatory care setting.
3. Identify the major body systems and their function.

PROGRAM REQUIREMENTS

Requirements for the Medical Assistant: Back Office certificate of completion may be met by completing all required courses with a grade of "Pass."

REQUIRED COURSES		HRS
VOC ED 372CE	FUNDAMENTALS OF MEDICAL ASSISTING	18
VOC ED 375CE	MEDICAL ASSISTING BACK OFFICE I	72
VOC ED 435CE	INTRODUCTION TO MEDICAL TERMINOLOGY LEVEL 2	36
VOC ED 391CE	ANATOMY AND PHYSIOLOGY FOR HEALTHCARE PROFESSIONS	36
VOC ED 379CE	BASIC LIFE SUPPORT AND FIRST AID FOR MEDICAL ASSISTANT	9

Medical Assistant: Front Office

Certificate of Completion

Total Lecture Hrs: 117-153
(State Code: 42227; TOP Code: 120810; Academic Plan: C042227E)

The Medical Assistant Front Office Certificate of Completion provides students with the skills and knowledge needed for an entry-level career as a front office medical assistant. Front office medical assistants are allied health professionals responsible for various administrative tasks beginning with initial patient contact through final payment. They may also be responsible for scheduling appointments, maintaining patient records, bookkeeping and billing, and insurance processing.

PROGRAM STUDENT LEARNING OUTCOMES

1. Identify the steps necessary to schedule patients and manage their medical records.
2. Utilize effective communication skills for the medical office environment.
3. Describe the processes involved in medical bookkeeping.

PROGRAM REQUIREMENTS

Requirements for the Medical Assistant: Front Office certificate of completion may be met by completing all required courses with a grade of "Pass."

REQUIRED COURSES		HRS
VOC ED 372CE	FUNDAMENTALS OF MEDICAL ASSISTING	18
VOC ED 373CE	MEDICAL ASSISTING FRONT OFFICE	54
VOC ED 400CE	INTRODUCTION TO MEDICAL TERMINOLOGY	18
VOC ED 379CE	BASIC LIFE SUPPORT AND FIRST AID FOR MEDICAL ASSISTANTS	9

ELECTIVE COURSES (SELECT 1)		HRS
VOC ED 279CE	CAREER EXPLORATION: WORKPLACE OFFICE ADMINISTRATION SKILLS	54
ESL NC 360CE	VESL: ENGLISH FOR SPECIAL USES	36
VOC ED 236CE	JOB CLUB	18

Medical Interpretation

Certificate of Completion

Total Lecture Hrs: 108

(State Code: 40199; TOP Code: 214000; Academic Plan: C040199E)

The Medical Interpretation certificate of completion is a short-term job readiness program for students interested in careers in medical interpreting. Students learn professional fundamentals of medical interpreting, including cultural mediation, medical terminology, navigating the US healthcare system, laws and legislation related to medical interpreting, professional standards, and identifying strategies for starting a career in with medical interpretation, including requirements for state and federal certification.

PROGRAM STUDENT LEARNING OUTCOMES

1. Apply word-building strategies for learning medical terminology.
2. Utilize consecutive, simultaneous, and sight translation in interpreting situations.
3. Develop a personal action plan for starting a career related to medical interpretation.

PROGRAM REQUIREMENTS

Requirements for the Medical Interpretation certificate of completion may be met by completing all required courses with a grade of "Pass."

REQUIRED COURSES		HRS
VOC ED 400CE	INTRODUCTION TO MEDICAL TERMINOLOGY	18
VOC ED 461CE	MEDICAL INTERPRETATION I	36
VOC ED 462CE	MEDICAL INTERPRETATION II	54

Medical Terminology for Career Readiness

Certificate of Completion

Total Lecture Hrs: 54

(State Code: 40132; TOP Code: 120100; Academic Plan: C040132E)

The Medical Terminology for Career Readiness certificate of completion is a short-term job readiness program for students entering careers that use medical terminology. Students learn the foundational skill of word-building, terminology, combining forms, abbreviations, and medical terms versus layperson's terms for human body structure and systems.

PROGRAM STUDENT LEARNING OUTCOMES

1. Apply word-building strategies for learning medical terminology.
2. Identify the major systems in the human body.
3. Develop a personal action plan for starting a career that uses medical terminology.

PROGRAM REQUIREMENTS

Requirements for the Medical Terminology for Career Readiness certificate of completion may be met by completing all required courses with a grade of "Pass."

REQUIRED COURSES		HRS
VOC ED 400CE	INTRODUCTION TO MEDICAL TERMINOLOGY	18
VOC ED 435CE	INTRODUCTION TO MEDICAL TERMINOLOGY – LEVEL II	36

Optician Technician

Certificate of Completion

Total Lecture Hrs: 144

(State Code: 42299; TOP Code: 121900; Academic Plan: C042299E)

The Optician Technician Certificate of Completion provides students with the skills and knowledge needed for an entry-level career in the field of opticianry as a dispensing optician. Students learn the history of ophthalmic care and standards, structures and functions of the eye and physiology that affect the visual system, ocular measurements and formulas, lens designs and materials, frames, contact lens, and work effectively in an optical setting.

PROGRAM STUDENT LEARNING OUTCOMES

1. Identify functions and anatomy of the eye.
2. Demonstrate the skills necessary to assist with routine eye exams.
3. Recognize diseases and other conditions that affect the eye.
4. Select appropriate frames based on clients' needs and preferences.
5. Read and interpret prescriptions for glassware and contact lenses.

PROGRAM REQUIREMENTS

Requirements for the Optician Technician certificate of completion may be met by completing all required courses with a grade of "Pass."

REQUIRED COURSES		HRS
VOC ED 335CE	OPTICIAN TECHNICIAN: ANATOMY OF THE EYE	36
VOC ED 336CE	OPTICIAN TECHNICIAN: INTRODUCTION TO OPTICS	18
VOC ED 337CE	OPTICIAN TECHNICIAN: GLASSWARE	54
VOC ED 338CE	OPTICIAN TECHNICIAN: CONTACT LENS	36

Pathway to Citizenship

Certificate of Competency

Total Lecture Hrs: 108
(State Code: 44022; TOP Code: 493087; Academic Plan: C044022F)

The Pathway to Citizenship Certificate of Competency provides non-native adult learners with knowledge and skills required to successfully prepare for the naturalization interview. Students learn about important timelines in U.S. history and government, U.S. geography, and civic related requirements necessary to lead productive lives as a U.S. Citizen.

PROGRAM STUDENT LEARNING OUTCOMES

1. Students express their understanding of American History and Government in a mock oral interview.
2. Students recall critical elements of American History and Government in the written exam of the Naturalization test.

PROGRAM REQUIREMENTS

Requirements for the Pathway to Citizenship certificate of competency may be met by completing all required courses with a grade of "Pass."

REQUIRED COURSES		HRS
ESLCVCS 013CE	ESL AND CIVICS IV	54
ESLCVCS 014CE	ESL AND CIVICS V	54

Personal Financial Responsibility

Certificate of Competency

Total Lecture Hrs: 54
(State Code: 43793; TOP Code: 493062; Academic Plan: C043793E)

Personal Financial literacy skills means having the confidence, knowledge, and skills needed to make financial decisions that promote self-sufficiency, stability, and well-being. Topics include earning, spending, and saving money, using credit, insurance options, making important purchases, consumer rights, education, income, and career. These basic skills include the ability to effectively locate, evaluate, and use information, resources, and services and to make informed decisions about financial obligations, budgeting, credit, debt, and planning. Students learn additional financial literacy concepts related to becoming a better-informed consumer when making decisions about education, income, and career.

PROGRAM STUDENT LEARNING OUTCOMES

1. Identify and explain factors that impact an individual's financial future.
2. List important benefits of financial planning.
3. Explain types of consumer loans.
4. Create a digital security plan to protect personally identifiable information.

PROGRAM REQUIREMENTS

Requirements for the Personal Financial Responsibility certificate of completion may be met by completing all required courses with a grade of "Pass."

REQUIRED COURSES		HRS
BSICSKL 123CE	INTRODUCTION TO PERSONAL FINANCIAL RESPONSIBILITY	36
BSICSKL 124CE	INTRODUCTION TO PERSONAL FINANCIAL RESPONSIBILITY II	18

Phlebotomy Technician

Certificate of Completion

Total Lecture Hrs: 150
(State Code: 40138; TOP Code: 120510; Academic Plan: C040138E)

The Phlebotomy Technician certificate of completion prepares students to enter the healthcare profession as a phlebotomist. Students learn about the human body, how to properly administer blood collection, and participate in a hands-on training practicum.

PROGRAM STUDENT LEARNING OUTCOMES

1. Explain and apply the concepts of professional conduct and responsibilities related to blood collection by demonstrating professional behavior in the classroom and in the laboratory.
2. Demonstrate aptitude with proper blood draw practices, including selecting appropriate equipment, identifying sites of capillary puncture, and labeling specimens correctly.
3. Describe optimal employee behaviors and patient interactions in the healthcare environment.

PROGRAM REQUIREMENTS

Requirements for the Phlebotomy Technician certificate of completion may be met by completing all required courses with a grade of "Pass."

REQUIRED COURSES		HRS
VOC ED 381CE	PHLEBOTOMY TECHNICIAN I	90
VOC ED 382CE	PHLEBOTOMY TECHNICIAN I PRACTICUM	54

Professionalism & Success in Healthcare Occupations

Certificate of Completion

Total Lecture Hrs: 36
(State Code: 41256; TOP Code: 493012; Academic Plan: C041256E)

The Professionalism & Success in Healthcare certificate of completion is designed for students to gain the knowledge and skills to succeed as a professional in the healthcare industry, learn the importance of work-ethics, and behaviors required in a variety of health-related careers. Students learn about the concepts of personality traits for healthcare workers, hygiene and safety, infection control practices, basic client monitoring, therapeutic communication, and basic health documentation, and serving a variety of cultural and ethnic groups.

PROGRAM STUDENT LEARNING OUTCOMES

1. Employ professional behavior and work-ethics as a healthcare professional.
2. Demonstrate foundational understanding of healthcare policies, procedures, and regulations.
3. Prepare for entry-level positions in the healthcare field.
4. Use diverse perspectives and sensitivities in healthcare.

PROGRAM REQUIREMENTS

Requirements for the Professionalism & Success in Healthcare Occupations certificate of completion may be met by completing all required courses with a grade of "Pass."

REQUIRED COURSES		HRS
VOC ED 404CE	STUDENT SUCCESS IN HEALTH OCCUPATIONS	18
VOC ED 405CE	PROFESSIONALISM IN HEALTH OCCUPATIONS	18

Retail Sales and Customer Service

Certificate of Completion

Total Lecture Hrs: 42 - 144
(State Code: 42649; TOP Code: 050940; Academic Plan: C042649E)

The Retail Sales and Customer Service Certificate of Completion prepares students with entry-level retail industry concepts and skills. Topics will include achieving customer satisfaction by applying practices of retail sales building skills and techniques, explaining features and benefits, suggesting additional merchandise, responding, and recognizing customer's buying signals, enhancing communication and customer service strategies to diverse customers.

PROGRAM STUDENT LEARNING OUTCOMES

1. Employ sales building skills and techniques.
2. Explain products and services.
3. Address and meet customer needs.
4. Gain customer commitment and close the sale.

PROGRAM REQUIREMENTS

Requirements for the Retail Sales and Customer Service certificate of completion may be met by completing all required courses and one elective course with a grade of "Pass."

REQUIRED COURSES		HRS
VOC ED 231CE	RETAILING SMART 6: BUILDING SALES	18
VOC ED 237CE	STRATEGIES IN MEETING YOUR CUSTOMERS NEEDS	18

ELECTIVE COURSES (SELECT ONE)		HRS
VOC ED 003CE	WORKPLACE READINESS - COMPUTERS	54-108
VOC ED 128CE	INTRODUCTION TO KEYBOARDING AND WINDOWS FOR THE WORKPLACE	54
VOC ED 279CE	CAREER EXPLORATION: WORKPLACE OFFICE ADMINISTRATION SKILLS	54
VOC ED 053CE	SPANISH FOR THE WORKPLACE	54
VOC ED 238CE	JOB READINESS	36
VOC ED 236CE	JOB CLUB	18
VOC ED 230CE	30 WAYS TO SHINE AS A NEW EMPLOYEE	6

Retail Supervisory and Management

Certificate of Completion

Total Lecture Hrs: 114 - 216
(State Code: 42650; TOP Code: 050650; Academic Plan: C042650E)

The Retail Supervisory and Management Certificate of Completion is designed to give students the competitive skills and knowledge to obtain and retain employment and advance in their retail careers. Topics include fundamental practices of retail sales, E-tailing, operations, marketing, merchandising, purchasing, inventory control, management, customer service strategies, and strengthening knowledge of creative and effective leadership, decision-making, and problem-solving skills.

PROGRAM STUDENT LEARNING OUTCOMES

1. Apply fundamental practices of retail sales.
2. Identify the functions of retail management.
3. Employ customer service strategies.
4. Demonstrate creative and effective leadership skills.

PROGRAM REQUIREMENTS

Requirements for the Retail Supervisory and Management certificate of completion may be met by completing all required courses and one elective course with a grade of "Pass."

REQUIRED COURSES		HRS
VOC ED 094CE	RETAILING SMART: CUSTOMER SERVICE AND SALES	54
BSICSKL 072CE	THE CREATIVE EDGE: OUTSTANDING LEADERSHIP	54

ELECTIVE COURSES (SELECT ONE)		HRS
VOC ED 003CE	WORKPLACE READINESS - COMPUTERS	54-108
VOC ED 128CE	INTRODUCTION TO KEYBOARDING AND WINDOWS FOR THE WORKPLACE	54
VOC ED 279CE	CAREER EXPLORATION: WORKPLACE OFFICE ADMINISTRATION SKILLS	54
VOC ED 053CE	SPANISH FOR THE WORKPLACE	54
VOC ED 238CE	JOB READINESS	36
VOC ED 236CE	JOB CLUB	18
VOC ED 230CE	30 WAYS TO SHINE AS A NEW EMPLOYEE	6

Roadmap to People Management

Certificate of Completion

Total Lecture Hrs: 90
(State Code: 43226; TOP Code: 059900; Academic Plan: C043226E)

Roadmap to People Management Certificate of Completion provides students with the skills and knowledge needed for an entry-level leadership position. Topics include leadership styles, employment laws, tools to hire and motivate employees, gaining skills for effective communication, team building, and project management.

PROGRAM STUDENT LEARNING OUTCOMES

1. Differentiate between different leadership styles.
2. Identify fundamental principles of workplace communication to build rapport, establish leadership and address challenges.
3. Identify strategies to effectively hire, manage, motivate, and retain talent.
4. Define non-discrimination laws in hiring, promotion, and termination.
5. Describe the elements necessary to successfully complete a project.

PROGRAM REQUIREMENTS

Requirements for the Roadmap to People Management certificate may be met by completing all required courses with a grade of "Pass."

REQUIRED COURSES		HRS
VOC ED 440CE	INTRODUCTION TO PEOPLE MANAGEMENT	18
VOC ED 441CE	PEOPLE MANAGEMENT: EMERGING LEADER	18
VOC ED 442CE	PEOPLE MANAGEMENT: WORKPLACE COMPLIANCE	18
VOC ED 443CE	INTRODUCTION TO PROJECT MANAGEMENT	36

Technical Office Occupation Skills

Certificate of Completion

Total Lecture Hrs: 78
(State Code: 39327; TOP Code: 051400; Academic Plan: C039327E)

The Technical Office Occupation Skills certificate of completion is designed to help the student explorer the requirements for entry-level clerical positions in an office environment. Students explore topics in basic level office concepts, procedures, and software applications; social networks, mobile technology, other technology commonly used in an office setting; and effective employee practices.

PROGRAM STUDENT LEARNING OUTCOMES

1. Explore career opportunities for entry-level clerical positions in an office environment
2. Explore and demonstrate office software applications and office hardware skills.
3. Incorporate social networks and mobile technology in an office environment.
4. Effective strategies for communicating with employers, co-workers, and customers, including remaining positive on the job.

PROGRAM REQUIREMENTS

Requirements for the Technical Office Occupation Skills certificate of completion may be met by completing all required courses with a grade of "Pass."

REQUIRED COURSES		HRS
VOC ED 279CE	CAREER EXPLORATION: WORKPLACE OFFICE ADMINISTRATION SKILLS	54
VOC ED 294CE	INTRODUCTION TO SOCIAL MEDIA FOR THE WORKPLACE	18
VOC ED 230CE	30 WAYS TO SHINE AS A NEW EMPLOYEE	6

Technology for Success in the Workplace

Certificate of Completion

Total Lecture Hrs: 168-222
(State Code: 39615; TOP Code: 051400; Academic Plan: C039615E)

The Technology for Success in the Workplace certificate of completion provides students with the basic computing skills necessary for success in modern workplaces. Students are introduced to word processing, spreadsheets, multimedia presentations, the internet, and workplace soft skills. Students select their specific area of interest (word processing, spreadsheets, or multimedia presentations) for the final course in this certificate.

PROGRAM STUDENT LEARNING OUTCOMES

1. Create word processing documents, spreadsheets, and multimedia presentations for academic or career purposes.
2. Navigate the internet browser and access online resources including email and search utilities.
3. Identify strategies and skills necessary for success in the workplace.
4. Develop competency with computer software specific to academic or career goals.

PROGRAM REQUIREMENTS

Requirements for the Technology for Success in the Workplace certificate of completion may be met by completing all required courses and one elective course with a grade of "Pass."

REQUIRED COURSES		HRS
VOC ED 003CE	WORKPLACE READINESS - COMPUTERS	54-108
VOC ED 129CE	INTRODUCTION TO THE INTERNET	54
VOC ED 230CE	30 WAYS TO SHINE AS A NEW EMPLOYEE	6

ELECTIVE COURSES (SELECT ONE)		HRS
VOC ED 103CE	INTRODUCTION TO WORD PROCESSING	54
VOC ED 104CE	INTRODUCTION TO SPREADSHEETS	54
VOC ED 105CE	INTRODUCTION TO MULTIMEDIA PRESENTATIONS	54

The Urban Ambassadors

Certificate of Completion

Total Lecture Hrs: 72
(State Code: 40139; TOP Code: 300900; Academic Plan: C040139E)

The Urban Ambassadors certificate of completion prepares students to find entry-level work in the tourism industry. Students learn customer service skills alongside tourism-specific skills, such as describing history and landmarks.

PROGRAM STUDENT LEARNING OUTCOMES

1. Demonstrate effective behaviors for customer service and

tourism industry professions.

2. Assess a customer's needs to make recommendations or accommodations.

3. Describe relevant history and culture while navigating the city.

PROGRAM REQUIREMENTS

4. Requirements for The Urban Ambassadors certificate of completion may be met by completing all required courses with a grade of "Pass."

REQUIRED COURSES		HRS
VOC ED 300CE	INTRODUCTION TO TOURISM – CITY OF LOS ANGELES	54
VOC ED 237CE	STRATEGIES IN MEETING YOUR CUSTOMERS NEEDS	18

Vocational English as a Second Language I

Certificate of Competency

Total Lecture Hrs: 162
(State Code: 24099; TOP Code: 493100; Academic Plan: C024099E)

The Vocational English as a Second Language I certificate of competency is designed to help limited-English speaking students learn the fundamentals of the English Language (reading, writing, listening, and speaking) while simultaneously preparing students for the workforce and community participation.

PROGRAM STUDENT LEARNING OUTCOMES

1. Identify time phrases demonstrating the correct use of verb tenses and be able to locate parts of speech including nouns, verbs, and adjectives.

2. Develop content skills related to the world of work; focused on speaking, listening, reading, and writing as practiced in the workforce.

3. Obtain understanding of the English language related to the citizenship test, appropriate civics objectives, and other life skills situations.

PROGRAM REQUIREMENTS

Requirements for the Vocational English as a Second Language I certificate of competency may be met by completing all required courses with a grade of "Pass."

REQUIRED COURSES		HRS
VOC ED 079CE	VOCATIONAL ENGLISH AS A SECOND LANGUAGE A	54
VOC ED 078CE	VOCATIONAL ENGLISH AS A SECOND LANGUAGE B	54
VOC ED 055CE	VOCATIONAL ENGLISH AS A SECOND LANGUAGE C	54

Vocational English as a Second Language II

Certificate of Competency

Total Lecture Hrs: 594
(State Code: 36275; TOP Code: 493100; Academic Plan: C036275E)

The Vocational English as a Second Language II certificate of competency is designed to help students increase proficiency in listening, speaking, reading, writing, and critical thinking skills to further their education, enter the workforce, and actively participate in the community.

PROGRAM STUDENT LEARNING OUTCOMES

1. Identify time phrases demonstrating the correct use of verb tenses and be able to locate parts of speech including nouns, verbs, and adjectives.

2. Develop content skills related to the world of work; focused on speaking, listening, reading, and writing as practiced in the workforce.

3. Obtain understanding of the English language related to the citizenship test, appropriate civics objectives, and other life skills situations.

PROGRAM REQUIREMENTS

Requirements for the Vocational English as a Second Language II certificate of competency may be met by completing all required courses with a grade of "Pass."

REQUIRED COURSES		HRS
ESLCVCS 030CE	ENGLISH LITERACY AND CIVICS - FOUNDATIONAL	108
ESLCVCS 031CE	ESL & CIVICS - BEGINNING A	108
ESL NC 001CE	ESL BEGINNING 1	54
ESLCVCS 032CE	ESL & CIVICS - BEGINNING HIGH A	108
ESL NC 002CE	ESL BEGINNING 2	54
ESLCVCS 033CE	ESL & CIVICS - INTERMEDIATE A	108
VOC ED 079CE	VOCATIONAL ENGLISH AS A SECOND LANGUAGE A	54

Warehouse & Distribution: Lead

Certificate of Completion

Total Lecture Hrs: 83
(State Code: 43708; TOP Code: 051000; Academic Plan: C043708E)

The Warehouse & Distribution: Lead Certificate of Completion prepares students with concepts and skills for leadership positions in the warehousing industry. Topics include movement, storage, control and protection of material, receiving and storing processes, inventory management, warehouse and personal performance, and leaderships skills. Additionally, students are trained in workplace safety awareness, and receive the 10-hour General Industry Safety Certification from the Occupational Safety Health Association (OSHA).

PROGRAM STUDENT LEARNING OUTCOMES

1. Describe basic principles of movement, storage, control, and protection of material in the warehouse environment.

2. Explain factors that influence the receiving, picking, and shipping processes.

3. Describe common metrics and systems used to evaluate warehouse and personal performance.

4. Identify planning and organizational skills that help optimize the workflow.
5. Summarize employer and employee rights and responsibilities required by OSHA standards.

PROGRAM REQUIREMENTS

Requirements for the Warehouse & Distribution: Lead certificate of completion may be met by completing all required courses with a grade of "Pass."

REQUIRED COURSES		HRS
VOC ED 530CE	FUNDAMENTALS OF WAREHOUSING & DISTRIBUTION 1: MATERIAL HANDLING	18
VOC ED 531CE	FUNDAMENTALS OF WAREHOUSING & DISTRIBUTION 2: WAREHOUSE OPERATIONS	18
VOC ED 532CE	FUNDAMENTALS OF WAREHOUSING & DISTRIBUTION 3: WAREHOUSE AND PERSONAL PERFORMANCE	18
VOC ED 441CE	PEOPLE MANAGEMENT: EMERGING LEADER	18
VOC ED 085CE	WORKPLACE SAFETY: OSHA 10 PREPARATION	11

Warehouse & Distribution: Worker

Certificate of Completion

Total Lecture Hrs: 47

(State Code: 43631; TOP Code: 051000; Academic Plan: C043631E)

The Warehouse & Distribution: Worker Certificate of Completion prepares students with warehousing industry concepts and skills for new and incumbent workers. Topics include movement, storage, control and protection of material, receiving and storing processes, inventory management, and shipping. Additionally, students are trained in workplace safety awareness, and receive the 10-hour General Industry Safety Certification from the Occupational Safety Health Association (OSHA).

PROGRAM STUDENT LEARNING OUTCOMES

1. Describe basic principles of movement, storage, control, and protection of material in the warehouse environment.
2. Identify equipment and devices used in warehouse operations.
3. Explain factors that influence the receiving, picking, and shipping processes.
4. Summarize employer and employee rights and responsibilities required by OSHA standards.

PROGRAM REQUIREMENTS

Requirements for the Warehouse & Distribution: Worker certificate of completion may be met by completing all required courses with a grade of "Pass."

REQUIRED COURSES		HRS
VOC ED 530CE	FUNDAMENTALS OF WAREHOUSING & DISTRIBUTION 1: MATERIAL HANDLING	18
VOC ED 531CE	FUNDAMENTALS OF WAREHOUSING & DISTRIBUTION 2: WAREHOUSE OPERATIONS	18
VOC ED 085CE	WORKPLACE SAFETY: OSHA 10 PREPARATION	11

Workforce Literacy Skills

Certificate of Completion

Total Lecture Hrs: 240-294

(State Code: 24016; TOP Code: 493012; Academic Plan: C024016E)

The Workforce Literacy Skills certificate of completion prepares students to first steps in career opportunities. The instructional model consists of workplace, vocational, information technology, employability, and math and English literacy skills.

PROGRAM STUDENT LEARNING OUTCOMES

1. Effective communication with employers, co-workers, and customers.
2. Develop a resume and prepare for employment interview.
3. Make use of foundational level English to perform general workplace tasks.
4. Make use of foundational level math to perform general workplace tasks.

PROGRAM REQUIREMENTS

Requirements for the Workforce Literacy Skills certificate of completion may be met by completing all required courses with a grade of "Pass."

REQUIRED COURSES		HRS
BSICSKL 006CE	REVIEW OF BASIC ENGLISH	36
BSICSKL 007CE	REVIEW OF BASIC MATH	36
VOC ED 003CE	WORKPLACE READINESS - COMPUTERS	54-108
VOC ED 079CE	VOCATIONAL ENGLISH AS A SECOND LANGUAGE A	54
VOC ED 238CE	JOB READINESS SKILLS	36
VOC ED 239CE	CUSTOMER SERVICE SKILLS TRAINING	18
VOC ED 230CE	30 WAYS TO SHINE AS A NEW EMPLOYEE	6

Workplace Success I - Creativity in the Workplace

Certificate of Completion

Total Lecture Hrs: 108
(State Code: 39190; TOP Code: 493072; Academic Plan: C039190E)

The Workplace Success I - Creativity in the Workplace certificate of completion provides students with the necessary knowledge and training needed to be effective, creative leaders in the workforce. Topics include characteristics and habits of great leaders, effective communication, decision-making, problem-solving, practice gathering data and information, and workplace change.

PROGRAM STUDENT LEARNING OUTCOMES

1. Demonstrate creative and effective leadership skills.
2. Demonstrate active listening and speaking skills.
3. Collect and organize research data to make informed decisions.

PROGRAM REQUIREMENTS

Requirements for the Workplace Success I - Creativity in the Workplace certificate of completion may be met by completing all required courses with a grade of "Pass."

REQUIRED COURSES		HRS
BSICSKL 070CE	INNOVATION: IGNITING CREATIVITY AT WORK	54
BSICSKL 076CE	SUCCESSFUL CREATIVITY AND INNOVATION IN THE WORKPLACE	54

Workplace Success II - Creative Leadership

Certificate of Completion

Total Lecture Hrs: 108
(State Code: 39043; TOP Code: 493072; Academic Plan: C039043)

The Workplace Success II - Creative Leadership certificate of completion strengthens students' communication and leadership skills, decision-making, problem-solving, risk-taking, utilization of resources, and workplace change.

PROGRAM STUDENT LEARNING OUTCOMES

1. Analyze and recognize individual team members' creative and innovative strengths.
2. Analyze, synthesize, and evaluate solutions to assess validity.
3. Demonstrate creative and effective leadership skills.

PROGRAM REQUIREMENTS

Requirements for the Workplace Success II - Creative Leadership certificate of completion may be met by completing all required courses with a grade of "Pass."

REQUIRED COURSES		HRS
BSICSKL 072CE	THE CREATIVE EDGE: OUTSTANDING LEADERSHIP	54
BSICSKL 079CE	CREATIVITY, INNOVATION, AND LEADERSHIP	54