
LOS ANGELES MISSION COLLEGE 2025-2026 CATALOG ADDENDUM (May, August, and November 2025)

This addendum contains updates to existing courses and programs, as well as any new courses or programs that were approved after the publication of the 2025-2026 Catalog and any previously posted 2025-2026 Catalog Addenda. In order to decrease the number of addendums faculty and students have to download, the newest updates to curriculum will be added onto the existing addendum with an updated/added date next to them in the overview below. This date will match the date of posting for the updated Addendum.

COURSE UPDATES

May 2025

- CH DEV 008, 014, 015, 023, 030, 063
- CINEMA 125
- CLN ART 060
- DANCETQ 122, 322
- EDUC 001, 203
- E.S.L. 003B, 003C, 004B, 004C, 005A, 005B, 005C, 006A, 006B, 006C
- FAM &CS 070
- KIN 347-2, 347-3, 351-1, 351-3
- MATH 247, 261, 261S, 262
- MATH NC 227CE
- MUSIC 501

August 2025

- CHEM 051
- MATH NC 240CE, 245CE, 260CE
- MULTIMD 250
- PHILOS 009
- PHOTO 010

November 2025

- ADM JUS 104, 150
- ANIMATN 225
- ANTHRO 322
- BIOTECH 102
- CH DEV 002, 007, 008, 011, 030, 031, 038, 042, 044
- CHICANO 004
- COMM C1000, 100, 104, 121, 122
- CS 112, 119
- DANCETQ 111, 112
- EARTH 002
- ENGLISH 420
- FINANCE 001, 008
- GAD 101, 102, 103
- GEOG 003
- HEALTH 005
- JOURNAL 101
- KIN 317-1, 387-4, 400
- KIN ATH 580, 585, 588, 593
- KIN MAJ 102, 110, 111, 112, 116, 126, 136
- MATH 120, 121, 123A, 123B, 123C, 125, 227A, 227B, 243, 261S
- MATH NC 227CE, 240CE, 245CE, 260CE
- MEDIART 801
- MUSIC 414
- NUTRTN 018
- PHILOS 012
- POLS C1000
- PSYC C1000
- SOC 028, 031, 185
- STAT C1000, C1000E
- THEATER 272
- VOC ED 246CE, 394CE

DEACTIVATED COURSES

May 2025

- ART 209, 701
- E.S.L. 010
- MATH 246
- MUSIC 216-1, 216-2, 217-1, 217-2, 650, 651, 652, 653, 654, 745
- THEATER 330

August 2025

- ESL NC 015CE

November 2025

- ACAD PR 027CE, 028CE, 051CE, 110CE
- BUS 172, 385
- JOURNAL 218-1
- MATH 227A, 227B
- MATH NC 105ACE, 105BCE, 105CCE, 105DCE, 105FCE, 105KCE, 105MCE

NEW COURSES

May 2025

- ENGLISH 021
- KIN ATH 580
- KIN MAJ 110, 111, 112

November 2025

- KIN 400
-

August 2025

- ANIMATN 225
- COMM 109, 190
- DANCETQ 111, 112
- ENGLISH 109
- GAD 101, 102, 103, 210-1
- HEALTH 005
- KIN 317-1, 387-4
- KIN ATH 585, 588, 593
- KIN MAJ 102, 116, 123, 126, 128, 131, 136
- NUTRTN 018
- PHILOS 012

NEW NONCREDIT COURSES

May 2025

- VOC ED 208CE, 554CE, 555CE

November 2025

- VOC ED 490CE, 491CE, 492CE

August 2025

- ESL NC 040CE, 172CE
- MATH NC 001CE
- OLDADL 051CE
- VOC ED 214CE, 242CE, 246CE, 247CE, 329CE, 393CE, 394CE, 540CE

ARCHIVED PROGRAMS

November 2025

- ASSOCIATE IN SCIENCE FOR TRANSFER (AA-T)
Mathematics (M031007H)
- ASSOCIATE IN ARTS FOR UC TRANSFER (UCTP)
Physics (M039476M)

PROGRAM UPDATES

May 2025

- ASSOCIATE IN ARTS FOR TRANSFER (AA-T)
Studio Arts (M033131G)
- ASSOCIATE IN ARTS FOR TRANSFER (AA-T)
Theater Arts (M035913G)
- ASSOCIATE IN ARTS (AA)
Art (M003348C)
- ASSOCIATE IN ARTS (AA)
Painting (M008348C)

August 2025

- CERTIFICATE OF ACHIEVEMENT
Creative Writing (M043738D)

November 2025

- ASSOCIATE IN SCIENCE FOR TRANSFER (AS-T)
Administration of Justice (M033109H)
- ASSOCIATE IN SCIENCE FOR TRANSFER (AS-T)
Business Administration 2.0 (M041141H)
- ASSOCIATE IN ARTS FOR TRANSFER (AA-T)
Kinesiology (M035436G)
- ASSOCIATE IN SCIENCE FOR TRANSFER (AS-T)
Mathematics (M031007H)
- ASSOCIATE IN SCIENCE FOR TRANSFER (AS-T)
Nutrition and Dietetics (M035394H)
- ASSOCIATE IN SCIENCE FOR TRANSFER (AS-T)
Public Health (M044781H)
- ASSOCIATE IN ARTS FOR TRANSFER (AA-T)
Political Science (M033340G)
- ASSOCIATE IN ARTS FOR TRANSFER (AA-T)
Psychology (M033612G)
- ASSOCIATE IN ARTS FOR TRANSFER (AA-T)
Social Justice Studies: Chicano/Chicana Studies
(M037870G)
- ASSOCIATE IN ARTS FOR TRANSFER (AA-T)
Sociology (M033215G)
- ASSOCIATE IN SCIENCE (AS)
Biology (M020792C)
- ASSOCIATE IN SCIENCE (AS)
Biotechnology (M035603C)
- ASSOCIATE IN ARTS (AA)
Business Administration (M003339C)
- ASSOCIATE IN SCIENCE (AS)
Health Science (M008338C)
- ASSOCIATE IN ART (AA)
Management (M015995C)
- CERTIFICATE OF ACHIEVEMENT
Biotechnology Research Lab Assistant (M035600D)
- CERTIFICATE OF COMPETENCY
Foundational ESL and Computer Skills (M042632F)

NEW NONCREDIT PROGRAMS

November 2025

- CERTIFICATE OF COMPLETION
Community Health Worker (M045582E)
- CERTIFICATION OF COMPLETION
Culinary and Baking Essentials (M045702E)

NEW PROGRAMS

May 2025

- ASSOCIATE IN ARTS FOR TRANSFER (AA-T)
Chicana/o Studies (M045104G)
- ASSOCIATE IN ARTS FOR TRANSFER (AA-T)
Geography (M045103G)
- ASSOCIATE IN ARTS (AA)
Professional Baking and Patisserie (M044977C)
- CERTIFICATE OF ACHIEVEMENT
Journalism (M045048D)

August 2025

- CERTIFICATE OF ACHIEVEMENT
Sport and Exercise Fundamentals (M045350D)
- CERTIFICATE OF ACHIEVEMENT
Sport and Exercise Nutrition Science (M045351D)

November 2025

- ASSOCIATE IN SCIENCE FOR TRANSFER (AS-T)
Computer Science (M045654H)
- ASSOCIATE IN SCIENCE FOR TRANSFER (AS-T)
Mathematics 2.0 (M045666H)
- ASSOCIATE IN SCIENCE FOR TRANSFER (AS-T)
Physics 2.0 (M045667H)
- CERTIFICATE OF ACHIEVEMENT
Social Media Strategist (M045585D)

OTHER UPDATES

August 2025

- New Cal-GETC Requirement Updates
- Language Other Than English (LOTE) Courses
- Math Placement Criteria

November 2025

- Credit for Prior Learning
 - Credit By Exam
 - Industry Certification
 - Military Training/Service Requests
- LACCD General Education Plan Area 7
 - Industry Certification
 - Certification

COURSE UPDATES

ADM JUS 104 INTRODUCTION TO FORENSIC SCIENCE (UC:CSU:C-ID AJ 150) 3 UNITS

ADM JUS 150 UNDERSTANDING STREET & PRISON GANGS (CSU) 3 UNITS

Prerequisite: None | **Lecture:** 3 hours

Provides an introduction to the history and sociology of a gang. Topics include the organization and structure of a street gang, recruitment into a gang, gang attire, hand signs, tattoos, body language, graffiti, and their the gang's effect on society. The organizational structure of a prison gang and the relationship with organized crime are also covered.

ANTHRO 322 CULTURAL PERSPECTIVES IN HEALTH AND HEALING (UC:CSU) 3 UNITS

BIOTECH 102 CELL CULTURE – (UC:CSU) 4 UNITS

CHEM 051 FUNDAMENTALS OF CHEMISTRY I (UC:CSU:C-ID CHEM 101) 5 UNITS

Prerequisite: None | **Lecture:** 4 hours | **Lab:** 3 hours

NOTE: It is not intended for students planning to take Chemistry 101.

A course in basic concepts of inorganic chemistry designed for students with interests in nursing, nutrition, dietetics, food science, and environmental and occupational health majors, and for liberal arts students in need of a laboratory course in physical sciences. It is not intended for students planning to take Chemistry 101.

CHICANO 004 INTRODUCTION TO CHICANA/O STUDIES (UC:CSU) 3 UNITS

CH DEV 002 EARLY CHILDHOOD: PRINCIPLES & PRACTICES (UC:CSU:C-ID ECE 120) 3 UNITS

CH DEV 007 INTRODUCTION TO CURRICULUM IN EARLY CHILDHOOD EDUCATION – (UC:CSU:C-ID ECE 130) 3 UNITS

CH DEV 008 CURRICULUM IN EARLY CHILDHOOD EDUCATION (UC:CSU) 3 UNITS

Prerequisite: CH DEV 002 | **Lecture:** 3 hours

NOTE: Students may need to provide proof of a current negative TB test (Mantoux Test) or chest x-ray within the last twelve months, plus proof of immunizations for measles (MMR), pertussis (Tdap), and influenza, including COVID-19 may be required, as required by the Department of Social Services Child Care Licensing Division and the Department of Health for students doing observations or field work/practicum in early childhood settings.

This course empowers students to design and evaluate developmentally appropriate curriculum and environments for young children from birth to age 8. Grounded in the value of play, students will explore the teacher's role in applying theory to practice, supporting children's concept development through hands-on projects. Curriculum development and assessment will encompass language and literacy, social studies, music and rhythm, physical and motor mastery, and mathematics, with a strong emphasis on art and creativity, the importance of the environment, and the teacher's role. Students will experience an "in progress"

approach to activity execution, fostering creative, open-ended, and spontaneous work.

CH DEV 011 CHILD, FAMILY & COMMUNITY – (UC:CSU:C-ID CDEV 110) 3 UNITS

CH DEV 014 DUAL LANGUAGE DEVELOPMENT IN THE EARLY YEARS (CSU) 3 UNITS

Prerequisite: None | **Lecture:** 3 hours

Exploration of language acquisition and multilingual development throughout early childhood. Current research will be reviewed as it relates to social and educational policies and practices, considering influences of families, cultures, schools, and communities.

CH DEV 015 INTRODUCTION TO CURRICULUM FOR DUAL LANGUAGE LEARNERS – (CSU) 3 UNITS

Prerequisite: None | **Lecture:** 3 hours

This course explores the best practices in early childhood settings for supporting multilingual learners. The focus will be on the knowledge and competencies required to meet the developmental needs of multilingual learners and their families, as well as strategies for developing resources to enhance family engagement and collaboration.

CH DEV 023 PRACTICUM IN CHILD DEVELOPMENT II (CSU) 4 UNITS

Prerequisites: CH DEV 022 and TB clearance

Lecture: 2 hours | **Lab:** 6 hours

NOTE: Students must show proof of a current negative TB test (Mantoux test) or chest x-ray within the last six months, plus proof of immunizations for measles (MMR), pertussis and influenza (Tdap), influenza, COVID-19 or other immunizations may be required. Compliance with licensing immunization and health and safety requirements as legislation mandates. Practicum placement sites may also require fingerprints and a volunteer application.

NOTE: Total of 100 hours of supervised field experience plus 8 hours of curriculum/professional development.

This course provides an advanced practicum experience. It is a second semester of practicum-field experience including teaching experience that must relate to the Certificate of Achievement in the specialization area being earned by the student. This course provides the opportunity for the practical application of theories and curriculum covered in prerequisite courses, at an ECE field experience site in an instructor-approved setting. Students will complete 108 practicum-field experience hours (TBA) as part of the class.

CH DEV 030 INFANT/TODDLER DEVELOPMENT (UC:CSU) 3 UNITS

Prerequisite: None | **Lecture:** 3 hours

A study of infants and toddlers from pre-conception to age three, including physical, cognitive, language, social, and emotional growth and development. Applies theoretical frameworks to interpret behavior and interactions between heredity and environment. Emphasizes the role of family and relationships in development.

CH DEV 031 INFANT/TODDLER CARE AND EDUCATION (UC:CSU) 3 UNITS

CH DEV 038 ADMINISTRATION & SUPERVISION OF EARLY CHILDHOOD PROGRAMS I – (CSU) 3 UNITS

Prerequisites: CH DEV 001 and CH DEV 002 and CH DEV 011 and CH DEV 007 or CH DEV 008 | **Lecture:** 3 hours

Prepares students to establish and administer an early childhood program. Financial aspects of administration, legal rules and regulations pertaining to administration are emphasized. Concepts of budgeting, personnel management, marketing, as well as mentoring and working with families are explored.

CH DEV 042 TEACHING IN A DIVERSE SOCIETY (UC:CSU:C-ID ECE 230) 3 UNITS

CH DEV 044 EARLY INTERVENTION FOR CHILDREN WITH SPECIAL NEEDS – (CSU) 3 UNITS

Prerequisite: None | **Lecture:** 3 hours

Designed for students interested in working with young children with special needs and their families. Instruction focuses on accommodating and adapting the physical environment, instructional strategies and curriculum to meet the needs of differently abled children from birth through preschool.

CH DEV 063 CREATIVE CURRICULUM IN A FAMILY CHILD CARE SETTING – (CSU) 2 UNITS

Prerequisite: None | **Lecture:** 2 hours

Designed for family childcare providers and people entering the profession. Emphasis is on play and creative experiences in the home setting for children. The course includes art, music and movement, language and literacy, early math, dramatic play, and cooking.

CINEMA 125 THESIS FILM PRODUCTION WORKSHOP (UC:CSU) 3 UNITS (RPT 3)

Prerequisites: CINEMA 107 and MULTIMD 610

Advisory: MULTIMD 600 | **Lecture:** 2 hours | **Lab:** 2 hours

This is an advanced course in practical filmmaking, with each student required to produce/write/direct and tech a professional short film with sound, as well as crew for other assigned films. Topics include pre-production planning, camera operation, location lighting, sound and editing. Emphasis is on producing, film and digital cinematography and lighting in studio and on location.

COMM 100 INTRODUCTION TO COMMUNICATION STUDIES (UC:CSU:C-ID COMM 115) 3 UNITS

Prerequisite: None | **Lecture:** 3 hours

A survey of the discipline of communication studies with emphasis on multiple epistemological, theoretical, and methodological issues relevant to the systematic inquiry and pursuit of knowledge about human communication. This course explores the basic history, assumptions, principles, processes, variables, methods, and specializations of human communication as an academic field of study.

COMM 104 ARGUMENTATION AND DEBATE (UC:CSU:C-ID COMM 120) 3 UNITS

Prerequisite: ENGL C1000 or ENGLISH 101X, 101Y, 101Z or E.S.L. 110 | **Lecture:** 3 hours

Students explore methods of critical inquiry, advocacy, and argumentation. Students will analyze, present, and evaluate oral and

written arguments, understand inductive and deductive reasoning, identify formal and informal fallacies in reasoning and language, test evidence and evidence sources, advance a reasoned position, and defend and refute arguments orally and in writing.

COMM 121 INTERPERSONAL COMMUNICATION (UC:CSU:C-ID COMM 130) 3 UNITS

Prerequisite: None | **Lecture:** 3 hours

This course examines principles of verbal and nonverbal transactions that occur in relationships. Students study theory and research findings in personal and professional contexts and assess their success in interpersonal effectiveness.

COMM 122 INTERCULTURAL COMMUNICATION (UC:CSU:C-ID COMM 150) 3 UNITS

Prerequisite: None | **Lecture:** 3 hours

This course provides an introduction to intercultural communication in domestic and/or global contexts and the development of appreciation of diverse groups within the larger context of American culture. Students explore theory and knowledge of effective communication within and between cultures to increase their intercultural competence. Students analyze the influence of cultures, verbal and non-verbal communication and social patterns of groups relating among themselves and with members of different ethnic and cultural groups.

CS 112 PROGRAMMING IN JAVASCRIPT – (UC:CSU) 3 UNITS

CS 119 PROGRAMMING IN PYTHON – (UC:CSU) 3 UNITS

CLN ART 060 CULINARY ARTS ORIENTATION & TECHNIQUES (CSU:C-ID HOSP 160 & HOSP 160X) 4 UNITS

Corequisite: CLN ART 050 | **Lecture:** 2 hours | **Lab:** 6 hours

Students will be introduced to the fundamentals of food preparation, food fabrication, emphasizing quality standards of production, and the basic cooking methods as used in the modern commercial kitchen. Laboratory work includes knife skills, vegetable cuts, and preparation of vegetables, soups, stocks, mother sauces, poultry, and fish/seafood entrees. High standards of professionalism, sanitation, kitchen safety, and proper work habits will also be emphasized.

DANCETQ 122 JAZZ DANCE TECHNIQUES II – (UC:CSU) 1 UNIT

Prerequisite: DANCETQ 121 | **Lab:** 3 hours

This beginning level Jazz dance course continues to establish basic knowledge of performance-based Jazz dance technique and affirms each student's appreciation of the evolution of Jazz dance as a performing art form.

DANCETQ 322 SOCIAL DANCE II – (UC:CSU) 1 UNIT

Prerequisite: DANCETQ 321 | **Lab:** 3 hours

This course is a beginning survey of common, codified styles of dance typically performed in a social setting as a couple or group. Music selection and cultural influences on the dance are covered for each type of social dance covered in this course.

EARTH 002 EARTH SCIENCE LABORATORY – (UC:CSU:C-ID GEOL 120L) 1 UNIT

Prerequisite: None | **Corequisite:** EARTH 001

Lecture: 0.5 hours | **Lab:** 2.5 hours 3 hours

Earth Science Laboratory supplements Earth Science Lecture. Students are introduced to the study of Earth materials by learning to identify common minerals and rocks. Interpretations of processes acting on and within the Earth are approached through the study of information contained in maps, aerial photographs, and data sets collected from a variety of Earth-sensing instruments.

EDUC 001 INTRODUCTION TO TEACHING – (UC:CSU:C-ID EDUC 200) 3 UNITS

Prerequisite: None | **Lecture:** 3 hours

NOTE: Students must show proof of a current negative TB test (Mantoux Test) or chest x-ray within the last six months and may be required to show proof of additional vaccinations, such as Covid-19.

This course introduces students to the field of professional education and the concepts and issues that are related to K-12 education. Topics of this course include a basic understanding of a teacher's role and challenges in society, contemporary education issues within historical, social, philosophical, legal, and political contexts, impact of government policies on schools and children, and the various perspectives on curriculum and instruction. Students will complete 45 TBA hours of observations in an elementary classroom as part of the course requirement.

EDUC 203 EDUCATION IN AMERICAN SOCIETY (UC:CSU) 3 UNITS

Prerequisite: None | **Lecture:** 3 hours

NOTE: Students must show proof of a current negative TB test (Mantoux Test) or chest x-ray within the last six months and may be required to show proof of additional vaccinations, such as Covid-19.

Introduces the American educational enterprise, especially problems in urban multicultural schools. Employs concepts and methods from sociology, philosophy and the politics of education to analyze American schools. Includes K-12 content standards, Teaching Performance Expectations.

ENGLISH 420 RESEARCH, DESIGN AND METHODOLOGY – (CSU) 3 UNITS

Prerequisite: ENGL C1001 ENGL C1000 or ENGLISH 101X or 101Y or 101Z or E.S.L. 110 | **Lecture:** 3 hours

This advanced course prepares students to develop a research project as well as evaluate scientific evidence-based literature. Research design components and methodology will be discussed, as well as evaluation of scientific evidence-based literature.

E.S.L. 003B COLLEGE ESL III: READING AND VOCABULARY – 3 UNITS

Prerequisite: None | **Lecture:** 3 hours

NOTE: Class is graded pass/no-pass.

English language learners develop reading comprehension and vocabulary skills at the low-intermediate level. This course helps students read and understand written English in daily life and at school.

E.S.L. 003C COLLEGE ESL III: LISTENING AND SPEAKING – 3 UNITS

Prerequisite: None | **Lecture:** 3 hours

NOTE: Class is graded pass/no-pass.

English language learners develop listening, speaking, and pronunciation skills at the low-intermediate level to communicate effectively in school, work, and social settings.

E.S.L. 004B COLLEGE ESL IV: READING AND VOCABULARY – 3 UNITS

Prerequisite: None | **Advisory:** E.S.L. 003B | **Lecture:** 3 hours

NOTE: Class is graded pass/no-pass.

English language learners develop reading comprehension and vocabulary skills at the intermediate level. This course improves students' ability to read and respond to a variety of texts.

E.S.L. 004C COLLEGE ESL IV: LISTENING AND SPEAKING – 3 UNITS

Prerequisite: None | **Advisory:** E.S.L. 003C or ESL NC 133CE or appropriate placement

Lecture: 3 hours

NOTE: Class is graded pass/no-pass.

English language learners develop listening, speaking, and pronunciation skills at the intermediate level to understand short lectures and participate in class discussions.

E.S.L. 005A COLLEGE E.S.L. V: WRITING AND GRAMMAR (CSU) 6 UNITS

Prerequisite: None | **Lecture:** 6 hours

NOTE: Class is graded pass/no-pass.

Students in this high-intermediate ESL course learn written composition, grammar, and critical reading skills to prepare them for college work. The emphasis is on writing based on critical reading, interpretation/analysis, and personal experience. Students will develop paraphrasing and summarizing skills. Grammar skills and mechanics are emphasized throughout each lesson. Required: Eight to ten writing assignments, including at least four compositions of 300-500 words.

E.S.L. 005B COLLEGE E.S.L. V: READING AND VOCABULARY (CSU) 3 UNITS

Prerequisite: E.S.L. 004B None | **Lecture:** 3 hours

NOTE: Class is graded pass/no-pass.

English language learners develop reading comprehension and vocabulary skills at the high-intermediate level. This course builds the foundation for successfully understanding and responding to academic texts.

E.S.L. 005C COLLEGE ESL V: LISTENING AND SPEAKING (CSU) 3 UNITS

Prerequisite: None | **Lecture:** 3 hours

NOTE: Class is graded pass/no-pass.

English language learners develop listening, speaking, and intonation skills at the high-intermediate level to understand academic lectures, participate in class discussions, and give presentations.

E.S.L. 006A COLLEGE ESL VI: WRITING AND GRAMMAR (CSU) 6 UNITS

Prerequisite: None | **Lecture:** 6 hours

NOTE: Class is graded pass/no-pass.

English language learners develop writing and grammar skills at the low-advanced level to compose, revise, and edit extended essays incorporating outside readings.

E.S.L. 006B COLLEGE ESL VI: READING AND VOCABULARY (CSU) 3 UNITS

Prerequisite: None | **Lecture:** 3 hours

NOTE: Class is graded pass/no-pass.

English language learners develop critical reading, comprehension, and vocabulary skills at the low-advanced level. This course prepares students for college-level coursework in English and other academic subjects.

E.S.L. 006C COLLEGE ESL VI: LISTENING AND SPEAKING (CSU) 3 UNITS

Prerequisite: None | **Lecture:** 3 hours

NOTE: Class is graded pass/no-pass.

English language learners develop listening, speaking, and intonation skills at the low-advanced level to analyze lectures, participate in academic discussions, and give extended presentations.

FAM & CS 070 FIELD EXPERIENCE IN FAMILY & CONSUMER STUDIES (CSU) 3 UNITS

Prerequisite: None | **Lecture:** 2 hours | **Lab:** 2 hours

NOTE: Students may be required to show proof of a current negative TB test (Mantoux test) or chest x-ray within the last twelve months, plus proof of immunizations for measles (MMR), pertussis (Tdap) and influenza. Students may be required to show proof of a Covid-19 vaccine in order to have access to approved field experience sites.

Field experience in a program offering services related to a certificate being earned in Family and Consumer Studies. The student will relate theory and coursework to practical application in a program, agency, facility or family service center. Student will complete 36 TBA hours as part of the class.

FINANCE 001 PRINCIPLES OF FINANCE – (UC:CSU) 3 UNITS

FINANCE 008 PERSONAL FINANCE & INVESTMENTS (UC:CSU) 3 UNITS

JOURNAL 101 COLLECTING AND WRITING NEWS (UC:CSU:C-ID JOUR 110) 3 UNITS

Prerequisite: None | **Lecture:** 3 hours

NOTE: Eligibility met to enroll in transfer-level English composition course.

An introduction to gathering, synthesizing/organizing, and writing news in journalistic style across multiple platforms. Includes role of the journalist and related legal and ethical issues. Students will report and write based on their original interviews and research to produce news content. Experiences may include covering speeches, meetings, and other events; writing under a deadline; and the use of AP Style.

KIN 347-2 PILATES MAT II – (UC:CSU) 1 UNIT

Prerequisite: KIN 347-1 | **Lab:** 3 hours

Students will learn beginning Pilates involving a series of floor exercises, improving postural alignment and muscular balance to enable maximum range of movement for body strength and flexibility. This course builds on KIN 347-1.

KIN 347-3 PILATES MAT III – (UC:CSU) 1 UNIT

Prerequisite: KIN 347-2 | **Lab:** 3 hours

Students will learn intermediate Pilates involving a series of floor exercises, improving postural alignment and muscular balance to enable maximum range of movement for body strength and flexibility. This course builds on KIN 347-2.

KIN 351-1 YOGA I – (UC:CSU) 1 UNIT

Prerequisite: None | **Lab:** 3 hours

Introductory yoga postures, breathing techniques, stretches, mental and relaxation exercises are used to gain concentration and self-discipline, and to improve physical, mental and emotional health.

KIN 351-3 YOGA III – (UC:CSU) 1 UNIT

Prerequisite: KIN 351-2 | **Lab:** 3 hours

Intermediate yoga postures, breathing techniques, stretches, mental and relaxation exercises are used to gain concentration and self-discipline, and to improve physical, mental and emotional health. This course builds upon KIN 351-1 and KIN 351-2.

MATH 120 PLANE GEOMETRY – 5 UNITS

Prerequisite: Elementary algebra, the equivalent of higher, completed at the secondary or post-secondary level; or by meeting CA Title 5 CCR § 55063 math competency requirement of intermediate algebra, per LACCD AP 4100; or by placing into any college-level math course | **Lecture:** 5 hours

NOTE: Enrollment in this course is limited to dual enrollment students only.

Covers the definitions, axioms, and theorems of geometry relating to angles, lines, circles, polygons, and polyhedral. Provides and introduction to formal proofs, logic, and construction methods with straight-edge and compass. Also introduces analytic geometry: distance between two points, slope and equation of a line.

MATH 121 ELEMENTARY GEOMETRY FOR COLLEGE STUDENTS – 3 UNITS

Prerequisite: Elementary algebra, the equivalent of higher, completed at the secondary or post-secondary level; or by meeting CA Title 5 CCR § 55063 math competency requirement of intermediate algebra, per LACCD AP 4100; or by placing into any college-level math course | **Lecture:** 3 hours

NOTE: Enrollment in this course is limited to dual enrollment students only.

Covers the definitions, axioms, and theorems of geometry relating to angles, lines, circles, polygons, and polyhedra. It also provides an introduction to formal proofs, logic, and construction methods with straight-edge and compass.

MATH 123A ELEMENTARY AND INTERMEDIATE ALGEBRA I 4 UNITS

Prerequisite: None | **Lecture:** 3 hours | **Lab:** 2 hours

NOTE: Enrollment in this course is limited to dual enrollment students only.

First of three modules for Math 123, covering topics from Elementary Algebra, including properties of real numbers; linear equations and inequalities; polynomials; factoring first-and second-degree expressions; application problems; graphing. Course has a computer lab component.

MATH 123B ELEMENTARY AND INTERMEDIATE ALGEBRA II 4 UNITS

Prerequisite: None | **Lecture:** 3 hours | **Lab:** 2 hours

NOTE: Enrollment in this course is limited to dual enrollment students only.

Second of three modules for Math 123, covering topics from Elementary and Intermediate Algebra, including solving rational equations; systems of equations; quadratic equations; applications; radicals; rational exponents. Course has a computer lab component.

MATH 123C ELEMENTARY AND INTERMEDIATE ALGEBRA III 4 UNITS

Prerequisite: None | **Lecture:** 3 hours | **Lab:** 2 hours

NOTE: Enrollment in this course is limited to dual enrollment students only.

Third of three modules for Math 123, covering topics from Intermediate Algebra, including operations on functions; complex numbers; conic sections; logarithms and exponential functions. Course has a computer lab component.

MATH 125 INTERMEDIATE ALGEBRA – 5 UNITS

Prerequisite: Elementary algebra, the equivalent of higher, completed at the secondary or post-secondary level; or by meeting CA Title 5 CCR § 55063 math competency requirement of intermediate algebra, per LACCD AP 4100; or by placing into any college-level math course | **Lecture:** 5 hours

NOTE: Enrollment in this course is limited to dual enrollment students or by special permission.

Explores polynomials, rational expressions, quadratic functions, complex numbers, absolute value functions, exponential functions, logarithmic functions, inequalities and systems of inequalities, function operations and conics. Covers strategies for interpreting and solving application problems that can be modeled using the above topics along with graphing techniques for functions.

MATH 227A STATISTICS I – (UC:CSU) 2 UNITS

Prerequisite: None | **Lecture:** 2 hours | **Lab:** 1 hour

NOTE: Students taking this course should have successfully completed Intermediate Algebra or equivalent or higher, or placed into a transfer-level math/quantitative reasoning course.

NOTE: Enrollment in this course is limited to dual enrollment students only.

Course covers descriptive statistics, basic probability theory and inferential statistics with emphasis on understanding statistics methods. Topics include summarizing data; descriptive statistics; correlation and regression analysis; probability; discrete distributions and continuous distributions using data from disciplines including business, social sciences, psychology, life science, health science, and

education. The use of technology such as StatCrunch is integrated into the course to perform statistical analysis and the relevance of the statistical findings is interpreted.

MATH 227B STATISTICS II – (UC:CSU) 2 UNITS

Prerequisite: MATH 227A | **Lecture:** 2 hours | **Lab:** 1 hour

NOTE: Enrollment in this course is limited to dual enrollment students only.

Course covers descriptive statistics and inferential statistics with emphasis on understanding statistics methods. Topics include descriptive statistics; continuous distributions; sampling distributions; estimation and confidence intervals; hypothesis testing and inference; analysis of variance (ANOVA), chi-square and t-tests; applications using data from disciplines including business, social sciences, psychology, life science, health science, and education. The use of technology such as StatCrunch is integrated into the course to perform statistical analysis and the relevance of the statistical findings is interpreted.

MATH 243 PREPARATORY MATH FOR STEM MAJORS WITH CALCULUS REQUIREMENT – (UC:CSU) 4 UNITS

MATH 247 CALCULUS FOR LIFE SCIENCES I – (UC:CSU) 4 UNITS

Prerequisites: (MATH 240 and MATH 245) or (MATH 240S and MATH 245) or (MATH 260) | **Lecture:** 3 hours | **Lab:** 2 hours

First semester of an applied course in calculus for biological and other life-sciences. Topics include functions of one variable, graphs, limits, continuity, derivatives, techniques for finding maxima/minima, introduction to integration, fundamental theorem of calculus and integration by substitution.

MATH 261 CALCULUS I – (UC:CSU) 5 UNITS

Prerequisite: MATH 240 or MATH 240S and MATH 245 or MATH 260 | **Lecture:** 5 hours

The first course in differential and integral Calculus of a single variable. Topics include algebraic and transcendental functions; limits and continuity; techniques and applications of differentiation and integration; curve sketching and Fundamental Theorem of Calculus. Primarily for Science, Technology, Engineering & Math majors.

MATH 261S CALCULUS I WITH SUPPORT – (UC:CSU) 5 UNITS

Prerequisites: (MATH 240 and MATH 245) or (MATH 240S and MATH 245) or (MATH 260) | **Lecture:** 4 hours | **Lab:** 2 hours

This is the first of a three-course sequence in calculus. Topics include limits and continuity, rates of change, derivatives, applications of differentiation, integrals, the Fundamental Theorem of Calculus, and applications of integration.

MATH 262 CALCULUS II – (UC:CSU) 5 UNITS

Prerequisite: MATH 261 or MATH 261S | **Lecture:** 5 hours

The second course in differential and integral Calculus of a single variable. Topics include differentiation and integration of transcendental functions, polar coordinates, specialized methods of integration, parametric equations, and infinite series. Primarily for Science, Technology, Engineering & Math Majors.

MATH NC 227CE STATISTICS SUPPORT— 0 UNITS

Prerequisite: None | **Advisory:** STAT C1000 | **Lecture:** 0.06 – 2.5 hours

NOTE: This course is designated as NGG (No Grade Given)

This noncredit course covers topics needed for elementary statistics. Topics include proportions, charts and graphs, fraction operations, algebraic skills, basic probability, descriptive and inferential statistics.

MATH NC 240CE TRIGONOMETRY SUPPORT— 0 UNITS

Prerequisite: None | **Advisory:** MATH 240 | **Lecture:** 0.06 – 0.11 hours

NOTE: This course is designated as NGG (No Grade Given)

This noncredit course covers topics needed for trigonometry. Topics include fraction operations, algebraic skills, functions, coordinate systems, complex numbers, and basic geometry.

MATH NC 245CE COLLEGE ALGEBRA SUPPORT— 0 UNITS

Prerequisite: None | **Advisory:** MATH 245 | **Lecture:** 0.06 – 0.11 hours

NOTE: This course is designated as NGG (No Grade Given)

This noncredit course covers topics needed for College Algebra. Topics include factoring, rational expressions, properties of exponentials, solving linear and quadratic equations, algebra with polynomials, irrational numbers, radicals, Cartesian coordinate systems, and graphing.

MATH NC 260CE PRECALCULUS SUPPORT — 0 UNITS

Prerequisite: None | **Advisory:** MATH 260 | **Lecture:** 0.06 – 0.11 hours

NOTE: This course is designated as NGG (No Grade Given)

This noncredit course covers topics needed for college algebra. Topics include factoring, rational expressions, properties of exponentials, solving linear and quadratic equations, algebra with polynomials, irrational numbers, radicals, Cartesian coordinate systems, graphing, and basic geometry.

MEDIART 117 INTRODUCTION TO SOCIAL MEDIA (UC:CSU:C-ID DMGR 120X) 3 UNITS

MEDIART 801 DIGITAL MEDIA STORYTELLING — (UC:CSU:C-ID JOUR 120) 3 UNITS

MULTIMD 250 MULTIMEDIA INTERNSHIP VIDEO PRODUCTION (CSU) 1 UNIT

Prerequisites: MULTIMD 100 and MULTIMD 610 and MULTIMD 630 | **Lecture:** 1 hour | **Lab:** 1 hour

Students applying skills within the Multimedia program, receive on the job training and the unit credit for work experience or volunteer work/internship involving the employer, the student-employee and the college. Students may have the opportunity to be employed or intern while participating in the course. In addition, all students will have the opportunity to work on productions shot on campus. During the Fall and Spring semesters, students shall be enrolled in at least one additional course in a U.S. regionally accredited institution.

MUSIC 414 ELEMENTARY VOICE IV — (UC:CSU) 2 UNITS

MUSIC 501 COLLEGE CHOIR — (UC:CSU) 1 UNIT (RPT 3)

Prerequisite: None | **Advisories:** MUSIC 411 or MUSIC 412 or MUSIC 413 or MUSIC 414 | **Lab:** 3 hours

Introduction to choral ensemble singing. Emphasis is on vocal technique and choral elements, such as blend, intonation, diction and music reading. Repertoire is chosen on the basis of the ensemble's ability and represents historical and current styles of music.

PHILOS 009 SYMBOLIC LOGIC I — (UC:CSU:C-ID PHIL 210) 3 UNITS

Prerequisite: None | **Lecture:** 3 hours

An introduction to the basic concepts of symbolic logic. This introduction will include the Origin and Use of Formal and Symbolic Logic, Truth Functional Connectives and Validity, Truth Tables, and Formal Deductive Proofs in Natural Deduction and Predicate Logic.

PHOTO 010 BEGINNING PHOTOGRAPHY — (UC:CSU) 3 UNITS

Prerequisite: None | **Advisories:** MULTIMD 100 and MULTIMD 500 | **Lecture:** 2 hours | **Lab:** 3 hours

Supplies: Students are encouraged to provide a Digital SLR camera and must have storage media.

Covers camera operation, exposure, scanning techniques, composition and aesthetics. The student will learn how to photograph, transfer images to a computer; edit the images using industry standard software and create their own prints. Emphasis is placed on communicating both fine art and commercial photography techniques.

SOC 028 THE FAMILY: A SOCIOLOGICAL APPROACH (UC:CSU:C-ID SOCI 130) 3 UNITS

Prerequisite: None | **Lecture:** 3 hours

This course explores diverse definitions of the family and examines it as a social institution, tracing historical shifts in marriage, divorce, cohabitation, parenting, work, communication, aging, and family violence. It also considers the impact of culture, race, class, gender, and sexual orientation on individuals and society through the lens of sociological research.

SOC 031 SOCIOLOGY OF GENDER - (UC:CSU:C-ID SOCI 140) 3 UNITS

Prerequisite: None | **Lecture:** 3 hours

This course introduces students to the social construction of sex categories, gender identities, and sexualities from a sociological perspective, critically examining masculinities, femininities, the non-binary spectrum, and intersectionalities. It focuses on social institutions such as the family, religion, education, work, politics, sports, media, criminal justice system, in shaping individual's experiences and identities through the life cycle.

SOC 185 DIRECTED STUDY — (CSU) 1 UNIT

Directed Study in the field of Sociology on a contract basis under the direction of an instructor.

STAT C1000 INTRODUCTION TO STATISTICS – (UC:CSU:C-ID MATH 110) 4 UNITS (formerly MATH 227 Statistics)

Prerequisite: None Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the level of intermediate algebra. | **Lecture:** 3 hours | **Lab:** 2 hours

This course is an introduction to statistical thinking and processes, including methods and concepts for discovery and decision-making using data. Topics include descriptive statistics; probability and sampling distributions; statistical inference; correlation and linear regression; analysis of variance, chi-squared, and t-tests; and application of technology for statistical analysis including the interpretation of the relevance of the statistical findings. Students apply methods and processes to applications using data from a broad range of disciplines.

STAT C1000E INTRODUCTION TO STATISTICS – (UC:CSU) 4 UNITS (formerly MATH 227S Statistics with Support)

Prerequisite: None Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the level of intermediate algebra. | **Lecture:** 3 hours | **Lab:** 3 hours

This course is an introduction to statistical thinking and processes, including methods and concepts for discovery and decision-making using data. Topics include descriptive statistics; probability and sampling distributions; statistical inference; correlation and linear regression; analysis of variance, chi-squared, and t-tests; and application of technology for statistical analysis including the interpretation of the relevance of the statistical findings. Students apply methods and processes to applications using data from a broad range of disciplines. This course has embedded support.

THEATER 272 INTERMEDIATE APPLIED ACTING - (UC:CSU) 3 UNITS

NEW COURSES

ANIMATN 225 THREE-DIMENSIONAL CHARACTER ANIMATION (UC:CSU) – 3 UNITS

Prerequisite: None | **Lecture:** 2 hours | **Lab:** 4 hours

This course explores 3-D character animation, focusing on the 12 principles of traditional animation with emphasis on timing, weight, and performance. In addition, students are introduced to rigging a character using a skeleton, morph targets to create facial expressions, lip sync, and other animation techniques uniquely relevant to 3-D character animation including changes in translation, scale, and rotation through space in time as well as learning camera control and lighting techniques.

COMM 109 SOCIAL MEDIA STRATEGIES (CSU) – 3 UNITS

Prerequisite: None | **Lecture:** 3 hours

Students will develop communication skills for vocal-focused social media platforms like TikTok, YouTube, and Instagram Shorts. Emphasizing tone, delivery, and vocal expression, this course teaches students to create engaging content and analyze audience dynamics. Through the lens of communication studies theory, students will explore concepts such as audience analysis, message framing, and persuasion, examining how these principles apply to social media.

COMM 190 COMMUNICATION AND NEW MEDIA (CSU) – 3 UNITS

Prerequisite: None | **Lecture:** 3 hours

This course introduces computer-mediated communication. Students examine how the Internet, specifically popular culture, social media, websites, blogs, podcasts, and social networks, have reshaped communication practices. The course offers an overview of relevant theories and critical issues while providing students with the opportunity to apply communication skills using new media.

DANCETQ 111 BALLET TECHNIQUES I (UC:CSU) – 1 UNIT

Prerequisite: None | **Lab:** 2 hours

Students learn basic ballet steps and combinations at an introductory level, terminology, music, and appreciation of dance as a performing art.

DANCETQ 112 BALLET TECHNIQUES II (UC:CSU) – 1 UNIT

Prerequisite: None | **Lab:** 2 hours

Students continue to learn basic ballet steps and combinations, terminology, music, and appreciation of dance as a performing art.

ENGLISH 021 ENGLISH FUNDAMENTALS – 3 UNITS

Prerequisite: None | **Lecture:** 3 hours

This is a course in reading and writing designed to strengthen the student's basic communication skills, including grammar, spelling, punctuation, and sentence construction. Greatest emphasis is placed on the writing of competent paragraphs and short essays.

ENGLISH 109 WRITING FOR SOCIAL MEDIA (CSU) – 3 UNITS

Prerequisite: None | **Lecture:** 3 hours

Students will strengthen their writing skills for social media by focusing on content creation and its impact across various platforms. This writing-intensive course will guide students through the process of crafting clear, engaging posts tailored to different audiences and professional contexts.

GAD 101 INTRODUCTION TO GAME DESIGN (UC:CSU) – 3 UNITS

Prerequisite: None | **Lecture:** 2 hours | **Lab:** 2 hours

This course is an introduction to the theory and process of designing games. Students will critically explore the historical, cultural, economic, and social aspects of the concepts and techniques used in the design of games. Students discover what the components of games are, and what parts of games are influenced by their design. Students learn several ways to approach the design of a game, including processes and best practices for prototyping, playtesting and balancing a game after it has been designed.

GAD 102 CONCEPT DESIGN AND VISUAL DEVELOPMENT (UC:CSU) – 3 UNITS

Prerequisite: MULTIMD 100 | **Lecture:** 2 hours | **Lab:** 2 hours

Students develop foundation skills for illustration and concept design by creating characters, props, and environments as used in the video game and animation industries. There will be a focus on creating thumbnail and final illustrations, composition, value studies, perspective and digital painting techniques for a concept design workflow.

GAD 103 GAME TECHNOLOGIES AND GAME ENGINES (UC:CSU) – 3 UNITS

Prerequisite: MULTIMD 300 | **Lecture:** 2 hours | **Lab:** 2 hours

This course is an introduction to the fundamental concepts of computer game tools and techniques. Students will employ a variety of digital tools with a focus on Unreal Engine to create playable environments. Included are topics such as introduction to game editors, 3D asset creation and management, and foundation skills in creating playable content.

GAD 210-1 PRODUCTION STUDIO I (CSU) – 2 UNITS

Prerequisite: GAD 101 or GAD 102 | **Lab:** 4 hours

Students explore the initial process and production in game design and related industries by working in groups on projects. Students closely simulate the roles, responsibilities, and demands of a professional work environment such as animation studios, visual effects houses and game design companies. Students work on projects such as animated shorts, interactive content, and video games.

HEALTH 005 HEALTH EQUITY (UC:CSU) – 3 UNITS

Prerequisite: None | **Lecture:** 3 hours

This course provides an overview of the field of health equity and the determinants that influence health outcomes of diverse populations. Special attention is given to socioeconomic, racial, ethnic, and gender status and their relationships with health disparities and inequities. Students are presented with cultural context, evidence-based models and interventions, and theoretical foundations necessary to eliminate health disparities in their communities and in the United States.

KIN 317-1 SELF DEFENSE I (UC:CSU) – 1 UNIT

Prerequisite: None | **Lab:** 3 hours

This course instructs the student in self-defense and personal safety skills for men and women against deadly dangerous and other physical attacks at an introductory level. The course includes discussion of safety precautions and the promotion of mental and physical well-being. Introductory skills include palm-heel strike to floating rib and face targets, knee strike, scrape-stomp strike to shin and feet, street 'ready' stance, and dojo (class training) 'ready' position.

KIN 387-4 BASKETBALL IV (UC:CSU) – 1 UNIT

Prerequisite: KIN 387-3 | **Lab:** 3 hours

This course will cover basketball skills of passing, dribbling, shooting, and rebounding at an advanced level. The course will cover rules, proper etiquette, terminology, and the components of fitness at an advance level. Additional skill will include learning a legal free throw shot.

KIN 400 FITNESS FOR HEALTH AND SAFETY (UC:CSU) – 1 UNIT

Prerequisite: None | **Lab:** 3 hours

Orientation to fitness and lifelong health for students to achieve and help others to achieve goals of lifelong fitness. This course includes discussion on importance of pre-test fitness tests which includes cardio respiratory endurance, muscle endurance, flexibility, body composition (% fat), and muscle strength. Students will learn to implement and develop personal exercise programs and will learn about diet and exercise, cholesterol screening, breast health and cancer, weight management, and stress management.

KIN ATH 580 INTERCOLLEGIATE BASKETBALL – STRENGTH & SKILLS TRAINING (UC:CSU) – 3 UNITS

Prerequisite: None | **Lab:** 10 hours

This course is an intercollegiate team development course that includes instruction on the fundamentals of the five components of physical fitness and skills of intercollegiate basketball. The course includes instruction, demonstration and practice of strength exercises and basketball skills.

KIN ATH 585 INTERCOLLEGIATE CROSS COUNTRY - FITNESS & SKILLS TRAINING II (UC:CSU) – 2 UNITS

Prerequisite: None | **Lab:** 6 hours

The intercollegiate cross country fitness class is designed for the student athlete to train in the off-season. Students will receive advanced strength and conditioning training specific to cross country with an emphasis on proper training principles, running fundamentals, injury prevention, and safety. The student also learns running strategies necessary for competition at intercollegiate levels.

KIN ATH 588 INTERCOLLEGIATE SOCCER - FITNESS & SKILLS TRAINING II (UC:CSU) – 2 UNITS

Prerequisite: None | **Lab:** 6 hours

Student-athlete will be provided an advanced strength and conditioning program specific to soccer with emphasis on skills, fundamentals, injury prevention, and safety. The student also learns strategic play necessary for competition at advanced levels.

KIN ATH 593 INTERCOLLEGIATE VOLLEYBALL - FITNESS & SKILLS TRAINING II (UC:CSU) – 2 UNITS

Prerequisite: None | **Lab:** 6 hours

Student-athletes in this class will participate in off-season skill training and conditioning programs for the college's intercollegiate volleyball team. This class provides an advanced strength and conditioning program specific to volleyball with emphasis on skills, fundamentals, injury prevention, and safety. The student also learns new rules and strategic plays necessary for competition at advanced levels.

KIN MAJ 102 INTRODUCTION TO HUMAN MOVEMENT ANATOMY (UC:CSU) – 4 UNITS

Prerequisite: None | **Lecture:** 3 hours | **Lab:** 3 hours

This course examines the various structures and mechanics of human movement anatomy including bones, joints, muscles, connective tissues, nerves and the blood vessels that supply the tissues that are essential for human movement.

KIN MAJ 110 SPORT IN SOCIETY (UC:CSU) – 3 UNITS

Prerequisite: None | **Lecture:** 3 hours

This course explores the perceptions and experiences of how sport and exercise culture intersect with the power structures, institutions, and social processes that shape modern society. Learn about how media, politics, education, and economics influence the relationship between physical activity and society. Together, we will examine how race, gender, sexual orientation, social class, and ability shape individual identities and experiences in sport and exercise. This course prepares students with the knowledge and tools to understand and navigate the complex dynamics of sport and exercise culture through a lens that promotes cultural inclusivity and social justice.

KIN MAJ 111 DIVERSITY & EQUITY IN SPORT (UC:CSU) – 3 UNITS

Prerequisite: None | **Lecture:** 3 hours

This course provides students with foundational knowledge of diversity, equity, and inclusion within sport organizations. Topics include forms of diversity that affect the sport industry, including disability, social class and economic status, ethnicity and race, political affiliation and influence, age, gender and gender identity, and religion. Discussions include assessing organizational climate, planning strategically, implementing best practices, and using sport as a platform for social change.

KIN MAJ 112 SPORTS AND CINEMA (UC:CSU) – 3 UNITS

Prerequisite: None | **Lecture:** 3 hours

This course examines how the cultural, political, psychological and historical dimensions of sport and other forms of movement are illustrated and portrayed in feature films and documentaries. Representations of identity, power, performance, social justice, and the body are also analyzed within the art form.

KIN MAJ 116 INTRODUCTION TO EXERCISE PHYSIOLOGY (UC:CSU) – 3 UNITS

Prerequisite: None | **Lecture:** 3 hours

This course examines how the body functions under conditions of exercise stress. It covers the fundamentals of human movement and anatomy, the practical applications of muscle function, cardio-respiratory testing and functions, principles of exercise, training techniques, energy metabolism, and the effect of environmental conditions on exercise.

KIN MAJ 123 TECHNIQUES OF STRENGTH TRAINING AND GROUP EXERCISE INSTRUCTION (CSU) – 4 UNITS

Prerequisite: None | **Lecture:** 3 hours

This course examines how to teach effective methods of exercise instruction for individuals and groups and the development of individual and group strength training program design. It covers the topics of strength training, exercise equipment use, movement safety, fundamentals of group exercise instruction, basic anatomy and physiology, and exercise modifications, as it applies to physical fitness.

KIN MAJ 126 FUNDAMENTALS OF ATHLETIC TRAINING (UC:CSU) – 3 UNITS

Prerequisite: None | **Lecture:** 3 hours

This introductory course is designed for students interested in Athletic Training and Physical Therapy. It is also geared for students

who want to obtain a general understanding of the management of athletic injuries. The educational domains include: 1) Injury Prevention, 2) Clinical Evaluation and Diagnosis, 3) Immediate Care, 4) Treatment, Rehabilitation and Reconditioning, 5) Organization and Administration, and 6) Professional Responsibility. The lab portion of the course includes hands-on activities in taping and bracing, supervision of exercises, treatment of injuries, sporting event coverage, and first-aid and wound care.

KIN MAJ 128 CARE AND PREVENTION OF ATHLETIC INJURIES (CSU) – 3 UNITS

Prerequisite: None | **Lecture:** 2 hours | **Lab:** 2 hours

The scope of this course includes the diagnosis and treatment of common athletic injuries, movement dysfunctions and upper/lower body impairment syndromes. The internal and external factors will be examined and discussed to provide the most appropriate care and management strategies.

KIN MAJ 131 FITNESS TRAINER (CSU) – 1 UNIT

Prerequisite: KIN MAJ 103 or KIN MAJ 117 or KIN MAJ 123

Lecture: 1 hour | **Lab:** 0.5 hours

This course provides Kinesiology students a structured internship and opportunity for employment off-campus under the supervision of a faculty member within the Kinesiology Department. Internships enable students to develop an understanding and working knowledge of actual operations, events, planning, and management within the career fields of Kinesiology. The internship experience is an essential component in a student's course of study designed to facilitate the integration of theoretical, applied, and academic subject matter in the field.

KIN MAJ 136 APPLIED EXERCISE SCIENCE (UC:CSU) – 4 UNITS

Prerequisite: None | **Lecture:** 3 hours | **Lab:** 3 hours

This course introduces the student to the fundamental scientific concepts applicable to exercise and physical fitness. Areas of study include: functional anatomy, kinesiology, biomechanics and exercise physiology, and the course addresses acute and chronic effects of exercise with practical applications to fitness programming and instruction. This course also prepares students for the scientific content requirements that are common to the certified personal trainer (CPT) and group fitness instructor (GFI) exams offered by several national certification agencies.

NUTR TN 018 NUTRITION FOR SPORT AND PERFORMANCE (UC:CSU) – 2 UNITS

Prerequisite: None | **Lecture:** 2 hours

This course covers principles of nutrition applied to athletes and active individuals. An emphasis is placed on energy and nutrient needs, pre- and post-exercise foods choices, hydration, and practical meal planning strategies for optimal training, performance, recovery, and health. The course also examines safety and efficacy of dietary supplements, issues related to weight, body composition, and disordered eating, and ethics/scope of practice when providing nutrition advice.

**PHILOS 012 HISTORY OF GREEK PHILOSOPHY (UC:CSU:C-ID PHIL 130)
– 3 UNITS**

Prerequisite: None | **Lecture:** 3 hours

This course introduces the student to an overview of ancient Greek philosophy starting with pre-Socratic philosophers and ending with Greco-Roman philosophy of the later ancient period. Major emphasis

is placed on the works of Plato and Aristotle. Students read primary source materials, engage in careful analysis of the texts through class discussions and written assignments, and develop a foundation for further study in philosophy.

NEW NONCREDIT COURSES

ESL NC 040CE CONVERSATION - FOUNDATIONAL – 0 UNITS

Prerequisite: None | **Lecture:** 2 hours

This course is for ESL students at the pre-beginning level who need to acquire foundational speaking and listening skills in English to function as parents, workers, and community members living in the United States. The course emphasizes basic English listening/speaking through a variety of activities related to daily life, community, civics, and college and career readiness. This course is part of a Certificate of Competency program.

ESL NC 172CE ADVANCED ESL: READING AND VOCABULARY – 0 UNITS

Prerequisite: None | **Lecture:** 0.5 hours

In this advanced E.S.L. course, students learn reading comprehension, critical reading, and vocabulary skills to prepare for and support their academic work across the curriculum. This course is designed to build academic language fluency, academic vocabulary, and reading versatility.

MATH NC 001CE BASIC DIMENSIONAL ANALYSIS – 0 UNITS

Prerequisite: None | **Lecture:** 0.6 – 0.11 hours

This course provides a review of data management and unit conversions using basic dimensional analysis to support courses in other disciplines (non-math disciplines).

OLD ADL 051CE FEELING FIT FOR SENIORS – 0 UNITS

Prerequisite: None | **Lab:** 2 hours

Build and maintain strength with resistance exercises. This course is for beginners who have not exercised frequently.

VOC ED 208CE IHSS: CARE FOR PEOPLE WITH DEMENTIA – 0 UNITS

Prerequisite: None | **Lecture:** 0.5 hours

This course is an overview for caregivers dealing with individuals experiencing Alzheimer's disease and other types of dementia. Students explore symptoms and progression of these conditions, focusing on effective caregiving strategies, communication approaches, safety protocols, and ethical considerations.

VOC ED 214CE ADVANCED LIFELONG FITNESS CENTER – 0 UNITS

Prerequisite: None | **Lab:** 3 hours

Orientation to fitness and lifelong health for students to achieve and help others to achieve goals of lifelong fitness. This course includes discussion on importance of pre-test fitness tests which includes cardiorespiratory endurance, muscle endurance, flexibility, body composition (% fat), and muscle strength. Students will learn to implement and develop personal exercise programs and will learn

about diet and exercise, cholesterol screening, breast health and cancer, weight management, and stress management.

VOC ED 242CE BANQUET SERVER SKILLS TRAINING – 0 UNITS

Prerequisite: None | **Lecture:** 1 hour

Banquet Server skills workshop is designed to provide new and incumbent workers with the skills needed to be the best in banquet services. Some of the topics covered include, but are not limited to: setting tables for banquets, providing beverage service, taking and serving orders, maintaining buffet tables, and refreshing meeting rooms.

VOC ED 246CE RESTAURANT SERVER SKILLS TRAINING – 0 UNITS

Prerequisite: None | **Lab:** 1 – 2 hours

The Restaurant Server course is designed to provide new and incumbent workers with the tools they need to provide the best in restaurant services. Some of the topics covered include, but are not limited to: setting up the restaurant for service, greeting and seating guests and taking beverage and food orders. Content and knowledge/competency will be based on current industry and employer standards.

VOC ED 247CE KITCHEN STEWARD SKILLS TRAINING – 0 UNITS

Prerequisite: None | **Lecture:** 1 hour

New and incumbent workers learn skills to become an effective Maintenance Attendant. This workshop is designed to provide the tools needed to provide the best maintenance services. Some of the topics covered include, but are not limited to: preventative maintenance, inspections, installations, repair and servicing, and troubleshooting.

VOC ED 329CE LAB SKILLS ENHANCEMENT FOR VOCATIONAL NURSES – 0 UNITS

Prerequisite: None | **Lab:** 4 hours

This hands-on practice course is designed to provide Vocational Nursing students with additional support in mastering clinical skills. Through guided practice and individualized feedback, students will refine techniques, improve efficiency, and build confidence in performing key nursing procedures.

VOC ED 393CE INTRODUCTION TO HEALTHCARE CAREERS: PATHWAYS AND FUNDAMENTALS – 0 UNITS

Prerequisite: None | **Lecture:** 2 hours

This course explores diverse career pathways in the healthcare field, focusing on foundational medical vocabulary, terminology, and communication skills. It prepares students for success in healthcare-related coursework while offering specially tailored support to address the unique needs of English Language Learners (ELL).

VOC ED 394CE CLINICAL EXTERNSHIP ORIENTATION FOR VOCATIONAL NURSING – 0 UNITS

Prerequisite: None | **Lab:** 0.11–0.44 hours

This course introduces current vocational nursing students to clinical externship settings, including hospitals and clinics. Students will gain an understanding of key procedures, expectations, and protocols essential for a successful externship experience.

VOC ED 490CE PERSONAL TRAINER CERTIFICATION PREPARATION– 0 UNITS

Prerequisite: None | **Lecture:** 2 hours | **Lab:** 2 hours

Students will develop the knowledge and understanding to prepare for an NCCA Personal Trainer Certification Exam and become an effective and employable personal trainer. This is a comprehensive course for designing individualized programs based on each client's unique health, fitness, and goals. The information covered by this course will help the student learn how to facilitate rapport, adherence, self-efficacy and behavior change in clients, as well as design programs that help clients to improve posture, movement, flexibility, balance, core function, cardiorespiratory fitness, and muscular endurance and strength.

VOC ED 491CE TECHNIQUES OF STRENGTH TRAINING AND GROUP EXERCISE INSTRUCTION – 0 UNITS

Prerequisite: None | **Lecture:** 3 hours

This course examines how to teach effective methods of exercise instruction for individuals and groups and the development of individual and group strength training program design. It covers the topics of strength training, exercise equipment use, movement safety, fundamentals of group exercise instruction, basic anatomy and physiology, and exercise modifications, as it applies to physical fitness.

VOC ED 492CE KINESIOLOGY INTERNSHIP EXPERIENCE – 0 UNITS

Prerequisite: None | **Lab:** 3 hours

The student will participate in either an on-campus or off-campus internship under the supervision of a faculty member within the Kinesiology Department. Internships enable students to develop an understanding and working knowledge of actual operations, events, planning, and management within the career fields of Kinesiology. The internship experience is an essential component in a student's course of study designed to facilitate the integration of theoretical, applied, and academic subject matter in the field.

VOC ED 540CE CULINARY: ELEMENTS OF COOKING TECHNIQUES – 0 UNITS

Prerequisite: None | **Lab:** 2 hours

This is a hands-on culinary course that introduces students to the elements of cooking techniques including kitchen tools, knife skills, basic cooking techniques and the cooking process. Students are also introduced to vegetables, pasta, and rice cookery, and eggs and breakfast cookery. They will also learn different types of plating presentations of foods.

VOC ED 554CE COMMUNITY HEALTH WORKERS I – INTRODUCTION AND BACKGROUND – 0 UNITS

Prerequisite: None | **Lecture:** 2 hours

This course introduces the core concepts, key responsibilities, and service delivery methods essential to the role of Community Health Workers.

VOC ED 555CE COMMUNITY HEALTH WORKERS II – FOUNDATIONS, ETHICS, AND BEST PRACTICES – 0 UNITS

Prerequisite: None | **Lecture:** 1 hour

This course builds upon the foundational knowledge from CHW I and enhances the skills necessary for excelling as a Community Health Worker (CHW). Students will delve into ethical issues and learn to apply best practices to address common challenges faced in the field.

PROGRAM UPDATES

ASSOCIATE IN SCIENCE FOR TRANSFER (AS-T) Administration of Justice (M033109H)

Students completing the Associate in Science in Administration of Justice for Transfer will have satisfied the lower division major preparation for bachelor's degrees in similar majors as determined by California State University (CSU) campuses and are guaranteed admission with junior status to the California State University system, although not to a particular campus or major. Students can use the website ADT Search by CSU Campus to find CSU campuses that accept ADT degrees as being similar to their bachelor's degree majors.

To earn an Associate Degree for Transfer, students must complete 60 semester units (90 quarter units) of coursework that is transferable to the California State University with an overall GPA of 2.0 or higher, and also complete each of the following requirements:

1. Major/Area of Emphasis: A minimum of 18 semester units (27 quarter units) of coursework, with a C or higher earned in each course or P if taken on a Pass/No Pass basis, as required by the Los Angeles Community College District (LACCD) (Title 5 §55062).
2. General Education: Completion of the California General Education Transfer Curriculum (Cal-GETC) course requirements, with a C or higher earned for each course or P if taken on a Pass/No Pass basis (34 semester/45 quarter units).
3. Residency: A minimum of 12 semester units must be completed within the LACCD (Title 5 §55062).

Program Learning Outcomes – Upon completion, students will be able to:

- Write basic criminal justice reports and research papers using appropriate writing styles.
- Formulate a career plan and an understanding of qualifications and professional expectations to obtain a job in Administration of Justice.
Apply critical thinking skills and an appropriate problem-solving strategy to a criminal justice situation.

REQUIRED COURSES		UNITS
ADM JUS 001	Introduction to Administration of Justice	3
ADM JUS 002	Concepts of Criminal Law	3
List A: Select two (2) courses:		6
ADM JUS 003	Legal Aspects of Evidence	
ADM JUS 004	Principles & Procedures of the Justice System	
ADM JUS 005	Criminal Investigation	
ADM JUS 008	Juvenile Procedures	
ADM JUS 075	Introduction to Corrections	
ADM JUS 104	Introduction to Forensic Science	
List B: Select two (2) courses:		6-7
ADM JUS 160	Police Organization & Administration	
STAT C1000	Introduction to Statistics (formerly MATH 227 Statistics)	
or STAT C1000E	Introduction to Statistics (formerly MATH 227S Statistics with Support)	
or STAT 101	Statistics for the Social Sciences	
PSYC C1000	Introduction to Psychology (formerly PSYCH 001 Introductory Psychology)	
SOC 001	Introduction to Sociology	
or Any List A course not already used		
Total		18–19

* Students can alternatively enroll in STAT C1000E Introduction to Statistics (formerly MATH 227S Statistics with Support) or the sequence of MATH 227A Statistics I + MATH 227B Statistics II

NOTE: A minimum of 60 units and a cumulative GPA of 2.0 or higher must be completed to earn the Associate Degree. Major courses must each be completed with a grade of C or better. Always consult a counselor for information on program and graduation requirements, residency requirements and transfer information.

ASSOCIATE IN SCIENCE FOR TRANSFER (AS-T) Business Administration for Transfer 2.0 (M041141H)

Students completing the Associate in Science in Business Administration 2.0 for Transfer will have satisfied the lower division major preparation for bachelor's degrees in similar majors as determined by California State University (CSU) campuses and are guaranteed admission with junior status to the California State University system, although not to a particular campus or major. Students can use the website [ADT Search by CSU Campus](#) to find CSU campuses that accept ADT degrees as being similar to their bachelor's degree majors.

To earn an Associate Degree for Transfer, students must complete 60 semester units (90 quarter units) of coursework that is transferable to the California State University with an overall GPA of 2.0 or higher, and also complete each of the following requirements:

1. Major/Area of Emphasis: A minimum of 18 semester units (27 quarter units) of coursework, with a C or higher earned in each course or P if taken on a Pass/No Pass basis, as required by the Los Angeles Community College District (LACCD) (Title 5 §55062).
2. General Education: Completion of the California General Education Transfer Curriculum (Cal-GETC) course requirements, with a C or higher earned for each course or P if taken on a Pass/No Pass basis (34 semester/45 quarter units).
3. Residency: A minimum of 12 semester units must be completed within the LACCD (Title 5 §55062).

Program Learning Outcomes – Upon completion, students will be able to:

- Transfer to an undergraduate program at the university level in the field of business.
- Apply ethical values, global awareness, and technological skills to identify problems and issues making appropriate decisions related to business problems.
- Apply critical thinking skills to formulate viable solutions to business problems by using basic accounting, business, and financial concepts.
- Leaders exist all around us. Think of a great leader in the work place (famous or not famous) and describe his or her leadership style. Evaluate some of the ways this leader is able to work with people individually and in teams.

REQUIRED COURSES		UNITS
ACCTG 001	Introductory Accounting I	5
ACCTG 002+	Introductory Accounting II	5
BUS 001	Introduction to Business	3
or CAOT 032+	Business Communications	
BUS 005	Business Law I	3
or LAW 001	Business Law I	
ECON 001	Principles of Microeconomics	3
ECON 002	Principles of Macroeconomics	3

STAT C1000	Introduction to Statistics (formerly MATH 227 Statistics)	4
or STAT C1000E	Introduction to Statistics (formerly MATH 227S Statistics with Support)	
or MATH 227A+B†	Statistics I + Statistics II	
or STAT 101	Statistics for the Social Sciences	
MATH 238	Calculus for Business and Social Sciences I	5
or MATH 261†	Calculus I	

Total 31

† This course has a prerequisite or corequisite.

NOTE: A minimum of 60 units and a cumulative GPA of 2.0 or higher must be completed to earn the Associate Degree. Major courses must each be completed with a grade of C or better. Always consult a counselor for information on program and graduation requirements, residency requirements and transfer information.

ASSOCIATE IN ARTS FOR TRANSFER (AA-T) Kinesiology (M035436G)

Students completing the Associate in Arts in Kinesiology for Transfer will have satisfied the lower division major preparation for bachelor's degrees in similar majors as determined by California State University (CSU) campuses and are guaranteed admission with junior status to the California State University system, although not to a particular campus or major. Students can use the website [ADT Search by CSU Campus](#) to find CSU campuses that accept ADT degrees as being similar to their bachelor's degree majors.

To earn an Associate Degree for Transfer, students must complete 60 semester units (90 quarter units) of coursework that is transferable to the California State University with an overall GPA of 2.0 or higher, and also complete each of the following requirements:

1. Major/Area of Emphasis: A minimum of 18 semester units (27 quarter units) of coursework, with a C or higher earned for each course or P if taken on a Pass/No Pass basis, as required by the Los Angeles Community College District (LACCD) (Title 5 §55062).
2. General Education: Completion of the California General Education Transfer Curriculum (Cal-GETC) course requirements, with a C or higher earned for each course or P if taken on a Pass/No Pass basis (34 semester/45 quarter units).
1. Residency: A minimum of 12 semester units must be completed within the LACCD (Title 5 §55062).

Program Learning Outcomes – Upon completion, students will be able to:

- Differentiate the evidence-based research supporting the wellness effects of exercise in our communities, schools, work place, and clinical settings.
- Identify the uniqueness of kinesiology as a discipline and its integration of a multi-dimensional study and application of physical activity as it relates to biological, medical, and health-related aspects of the human body.
- Recognize the areas of study and professional opportunities associated with the Kinesiology major.

REQUIRED CORE	UNITS
ANATOMY 001† Introduction to Human Anatomy	4
KIN MAJ 100 Introduction to Kinesiology	3
PHYSIOL 001† Introduction to Human Physiology	4
Select three (3) courses (maximum one course from any three of the following areas):	3-5

COMBATIVES

KIN 316-1	Karate I
KIN 316-2†	Karate II

DANCE

DANCETQ 121	Jazz Dance Techniques I
DANCETQ 122†	Jazz Dance Techniques II
DANCETQ 141	Modern Dance Techniques I
DANCETQ 142†	Modern Dance Techniques II
DANCETQ 462	Modern Dance

FITNESS

KIN 329-1	Body Conditioning I
KIN 332	Step Aerobics
KIN 347-1	Pilates Mat I
KIN 350-1	Weight Training I
KIN 351-1	Yoga I

INDIVIDUAL SPORTS

KIN 266	Badminton Skills
KIN 268-1	Golf Skills I

TEAM SPORTS

KIN 286	Baseball Skills
KIN 387-1	Basketball I
KIN 387-2†	Basketball II
KIN ATH 511	Intercollegiate Athletics - Soccer
KIN ATH 512	Intercollegiate Athletics - Softball
KIN ATH 516	Intercollegiate Athletics - Volleyball
KIN ATH 552	Intercollegiate Sports – Conditioning & Skills Training

List A: Select two (2) courses: **7-9**

BIOLOGY 003	Introduction to Biology
or BIOLOGY 005	Introduction to Human Biology
CHEM 051	Fundamentals of Chemistry I
or CHEM 065	Introductory General Chemistry
or CHEM 101†	General Chemistry I
KIN MAJ 101	First Aid and CPR
STAT C1000	Introduction to Statistics (formerly MATH 227 Statistics)
or STAT C1000E	Introduction to Statistics (formerly MATH 227S Statistics with Support)
or MATH 227A+B†	Statistics I + Statistics II
or STAT 101	Statistics for the Social Sciences
PHYSICS 006†	General Physics I

Total 21-25

† This course has a prerequisite or corequisite.

NOTE: A minimum of 60 units and a cumulative GPA of 2.0 or higher must be completed to earn the Associate Degree. Major courses must each be completed with a grade of C or better. Always consult a counselor for information on program and graduation requirements, residency requirements and transfer information.

ASSOCIATE IN SCIENCE FOR TRANSFER (AS-T) Mathematics (M031007H)

Students completing the Associate in Science in Mathematics for Transfer will have satisfied the lower division major preparation for bachelor's degrees in similar majors as determined by California State University (CSU) campuses and are guaranteed admission with junior status to the California State University system, although not to a particular campus or major. Students can use the website [ADT Search by CSU Campus](#) to find CSU campuses that accept ADT degrees as being similar to their bachelor's degree majors.

To earn an Associate Degree for Transfer, students must complete 60 semester units (90 quarter units) of coursework that is transferable to the California State University with an overall GPA of 2.0 or higher, and also complete each of the following requirements:

1. Major/Area of Emphasis: A minimum of 18 semester units (27 quarter units) of coursework, with a C or higher earned in each

- course or P if taken on a Pass/No Pass basis, as required by the Los Angeles Community College District (LACCD) (Title 5 §55062).
- General Education: Completion of the California General Education Transfer Curriculum (Cal-GETC) course requirements, with a C or higher earned for each course or P if taken on a Pass/No Pass basis (34 semester/45 quarter units).
 - Residency: A minimum of 12 semester units must be completed within the LACCD (Title 5 §55062).

Program Learning Outcomes – Upon completion, students will be able to:

- Demonstrate knowledge of the fundamental mathematical principles.

REQUIRED CORE		UNITS
MATH 261†	Calculus I	5
or MATH 261S†	Calculus I with Support	
MATH 262†	Calculus II	5
MATH 263†	Calculus III	5
List A: Select one (1) course:		3
MATH 270†	Linear Algebra	
MATH 275†	Ordinary Differential Equations	
List B: Select one (1) course:		3-4
CS 116	Programming in C++	
or CS 216†	Object-Oriented Programming in C++	
STAT C1000	Introduction to Statistics (formerly MATH 227 Statistics)	
or STAT C1000E	Introduction to Statistics (formerly MATH 227S Statistics with Support)	
or MATH 227A+B†	Statistics I + Statistics II	
or STAT 101	Statistics for the Social Sciences	
or Any List A course not already used		
Total 21-22		

† This course has a prerequisite or corequisite.

NOTE: A minimum of 60 units and a cumulative GPA of 2.0 or higher must be completed to earn the Associate Degree. Major courses must each be completed with a grade of C or better. Always consult a counselor for information on program and graduation requirements, residency requirements and transfer information.

ASSOCIATE IN SCIENCE FOR TRANSFER (AS-T) Nutrition and Dietetics (M035394H)

Students completing the Associate in Science in Nutrition and Dietetics for Transfer will have satisfied the lower division major preparation for bachelor's degrees in similar majors as determined by California State University (CSU) campuses and are guaranteed admission with junior status to the California State University system, although not to a particular campus or major. Students can use the website [ADT Search by CSU Campus](#) to find CSU campuses that accept ADT degrees as being similar to their bachelor's degree majors.

To earn an Associate Degree for Transfer, students must complete 60 semester units (90 quarter units) of coursework that is transferable to the California State University with an overall GPA of 2.0 or higher, and also complete each of the following requirements:

- Major/Area of Emphasis: A minimum of 18 semester units (27 quarter units) of coursework, with a C or higher earned in each course or P if taken on a Pass/No Pass basis, as required by the Los Angeles Community College District (LACCD) (Title 5 §55062).
- General Education: Completion of the California General Education Transfer Curriculum (Cal-GETC) course requirements,

- with a C or higher earned for each course or P if taken on a Pass/No Pass basis (34 semester/45 quarter units).
- Residency: A minimum of 12 semester units must be completed within the LACCD (Title 5 §55062).

Program Learning Outcomes – Upon completion, students will be able to:

- Apply the physical, biological, and social sciences to the study of foods and nutrition.
- Recognize how food and nutrition affect health and human performance across the lifecycle and impact both local and global concerns.
- Effectively communicate and critically think about food and nutrition issues with an understanding and appreciation of a diverse and multicultural society.

REQUIRED CORE		UNITS
CHEM 101†	General Chemistry I	5
MICRO 020†	General Microbiology	4
NUTRTN 021	Nutrition	3
PSYC C1000	Introduction to Psychology 3 (formerly PSYCH 001 Introductory Psychology)	
List A: Select two (2) courses:		8
ANATOMY 001	Introduction to Human Anatomy	
or PHYSIOL 001†	Introduction to Human Physiology	
STAT C1000	Introduction to Statistics (formerly MATH 227 Statistics)	
or STAT C1000E	Introduction to Statistics (formerly MATH 227S Statistics with Support)	
or MATH 227A+B†	Statistics I + Statistics II	
or STAT 101	Statistics for the Social Sciences	
List B: Select one (1) course:		3
NUTRTN 024	Introduction to Food Science	
Total 26		

† This course has a prerequisite or corequisite.

NOTE: A minimum of 60 units and a cumulative GPA of 2.0 or higher must be completed to earn the Associate Degree. Major courses must each be completed with a grade of C or better. Always consult a counselor for information on program and graduation requirements, residency requirements and transfer information.

ASSOCIATE IN ARTS FOR TRANSFER (AA-T) Political Science (M033340G)

Students completing the Associate in Arts in Political Science for Transfer will have satisfied the lower division major preparation for bachelor's degrees in similar majors as determined by California State University (CSU) campuses and are guaranteed admission with junior status to the California State University system, although not to a particular campus or major. Students can use the website [ADT Search by CSU Campus](#) to find CSU campuses that accept ADT degrees as being similar to their bachelor's degree majors.

To earn an Associate Degree for Transfer, students must complete 60 semester units (90 quarter units) of coursework that is transferable to the California State University with an overall GPA of 2.0 or higher, and also complete each of the following requirements:

- Major/Area of Emphasis: A minimum of 18 semester units (27 quarter units) of coursework, with a C or higher earned in each course or P if taken on a Pass/No Pass basis, as required by the Los Angeles Community College District (LACCD) (Title 5 §55062).
- General Education: Completion of the California General Education Transfer Curriculum (Cal-GETC) course requirements,

- with a C or higher earned for each course or P if taken on a Pass/No Pass basis (34 semester/45 quarter units).
- Residency: A minimum of 12 semester units must be completed within the LACCD (Title 5 §55062).

Program Learning Outcomes – Upon completion, students will be able to:

- Complete a variety of course offerings to graduate with an AA degree or transfer to universities.
- Demonstrate effective communication skills by reading primary and secondary source material, discussing course content, and writing one or more papers.
- Participate in and critically analyze the civic and political system.

REQUIRED CORE		UNITS
POLS C1000	American Government and Politics <i>(formerly POL SCI 001 The Government of the United States)</i>	3

List A: Select three (3) courses: **9-10**

STAT C1000	Introduction to Statistics <i>(formerly MATH 227 Statistics)</i>
or STAT C1000E	Introduction to Statistics <i>(formerly MATH 227S Statistics with Support)</i>

or MATH 227A+B† Statistics I + Statistics II

or STAT 101	Statistics for the Social Sciences
POL SCI 002	Introduction to Comparative Politics
POL SCI 003	Introduction to Political Science
POL SCI 005	The History of Western Political Thought
POL SCI 007	Introduction to International Relations

List B: Select two (2) courses: **6**

HISTORY 011	Political and Social History of the United States to 1877
PSYC C1000	Introduction to Psychology <i>(formerly PSYCH 001 Introductory Psychology)</i>
SOC 001	Introduction to Sociology
or Any List A course not already used	

Total 18-19

† This course has a prerequisite or corequisite.

NOTE: A minimum of 60 units and a cumulative GPA of 2.0 or higher must be completed to earn the Associate Degree. Major courses must each be completed with a grade of C or better. Always consult a counselor for information on program and graduation requirements, residency requirements and transfer information.

ASSOCIATE IN ARTS FOR TRANSFER (AA-T) Psychology (M033612G)

Students completing the Associate in Arts in Psychology for Transfer will have satisfied the lower division major preparation for bachelor's degrees in similar majors as determined by California State University (CSU) campuses and are guaranteed admission with junior status to the California State University system, although not to a particular campus or major. Students can use the website [ADT Search by CSU Campus](#) to find CSU campuses that accept ADT degrees as being similar to their bachelor's degree majors.

To earn an Associate Degree for Transfer, students must complete 60 semester units (90 quarter units) of coursework that is transferable to the California State University with an overall GPA of 2.0 or higher, and also complete each of the following requirements:

- Major/Area of Emphasis: A minimum of 18 semester units (27 quarter units) of coursework, with a C or higher earned in each course or P if taken on a Pass/No Pass basis, as required by the Los Angeles Community College District (LACCD) (Title 5 §55062).

- General Education: Completion of the California General Education Transfer Curriculum (Cal-GETC) course requirements, with a C or higher earned for each course or P if taken on a Pass/No Pass basis (34 semester/45 quarter units).
- Residency: A minimum of 12 semester units must be completed within the LACCD (Title 5 §55062).

Program Learning Outcomes – Upon completion, students will be able to:

- Complete a variety of course offerings to graduate with an AA degree or transfer to universities.
- Demonstrate critical thinking skills necessary to assess real world issues and the various perspectives on them.
- Demonstrate effective communication skills by reading primary and secondary source material, discussing course content, and writing one or more papers.
- Apply the diverse assumptions and values that shape our experiences and or/attitudes of the world.

REQUIRED CORE		UNITS
STAT C1000	Introduction to Statistics <i>(formerly MATH 227 Statistics)</i>	4
or STAT C1000E	Introduction to Statistics <i>(formerly MATH 227S Statistics with Support)</i>	

or MATH 227A+B† Statistics I + Statistics II

or STAT 101	Statistics for the Social Sciences	
PSYC C1000	Introduction to Psychology <i>(formerly PSYCH 001 Introductory Psychology)</i>	3

PSYCH 074† Research Methods in the Behavioral Sciences **3**

List A: Select one (1) course: **3-5**

BIOLOGY 003	Introduction to Biology	
or BIOLOGY 006†	General Biology I	
PSYCH 002†	Biological Psychology	

List B: Select one (1) course: **3**

CH DEV 001	Child Growth and Development	
PSYCH 041†	Life-Span Psychology: From Infancy to Old Age	
or Any List A course not already used		

List C: Select one (1) course: **3**

ENGLISH 102†	College Reading and Composition II	
or ENGL C1001†	Critical Thinking and Writing 3 <i>(formerly ENGLISH 103 Composition and Critical Thinking)</i>	

PHILOS 006	Logic in Practice	
PSYCH 013	Social Psychology	
PSYCH 014†	Abnormal Psychology	
PSYCH 052	Psychological Aspects of Human Sexuality	
PSYCH 090†	Introduction to Counseling	
SOC 001	Introduction to Sociology	
or Any List A or List B course not already used		

Total 19-21

† This course has a prerequisite or corequisite.

NOTE: A minimum of 60 units and a cumulative GPA of 2.0 or higher must be completed to earn the Associate Degree. Major courses must each be completed with a grade of C or better. Always consult a counselor for information on program and graduation requirements, residency requirements and transfer information.

ASSOCIATE IN SCIENCE FOR TRANSFER (AS-T) Public Health (M044781H)

Students completing the Associate in Science in Public Health for Transfer will have satisfied the lower division major preparation for

bachelor’s degrees in similar majors as determined by California State University (CSU) campuses and are guaranteed admission with junior status to the California State University system, although not to a particular campus or major. Students can use the website [ADT Search by CSU Campus](#) to find CSU campuses that accept ADT degrees as being similar to their bachelor’s degree majors.

To earn an Associate Degree for Transfer, students must complete 60 semester units (90 quarter units) of coursework that is transferable to the California State University with an overall GPA of 2.0 or higher, and also complete each of the following requirements:

1. Major/Area of Emphasis: A minimum of 18 semester units (27 quarter units) of coursework, with a C or higher earned in each course or P if taken on a Pass/No Pass basis, as required by the Los Angeles Community College District (LACCD) (Title 5 §55062).
2. General Education: Completion of the California General Education Transfer Curriculum (Cal-GETC) course requirements, with a C or higher earned for each course or P if taken on a Pass/No Pass basis (34 semester/45 quarter units).
3. Residency: A minimum of 12 semester units must be completed within the LACCD (Title 5 §55062).

Program Learning Outcomes – Upon completion, students will be able to:

- Differentiate between personal health and public health; describe the core functions of public health; and identify various career opportunities within the field of public health.
- Apply critical analysis skills to contemporary health issues (such as risk factors and modes of transmission of infectious and chronic diseases and how these diseases affect both personal and public health); and endorse lifestyle behaviors that promote individual and public health and well-being, with respect for multicultural perspectives and sensitivities about health.
- Explain the multiple determinants of health, including socio-logical, economic, genetic, behavioral, environmental, and other factors that impact human health and health disparities; the importance of equitable access to health education and healthcare; and why evidence-based approaches are essential to public health practice.

REQUIRED CORE	UNITS
BIOLOGY 003 Introduction to Biology	4-5
or BIOLOGY 005 Introduction to Human Biology	
or BIOLOGY 006† General Biology I	
HEALTH 011 Principles of Healthful Living	3
HEALTH 101 Introduction to Public Health	3
STAT C1000 Introduction to Statistics	4
(formerly MATH 227 Statistics)	
or STAT C1000E Introduction to Statistics	
(formerly MATH 227S Statistics with Support)	
or MATH 227A+B† Statistics I + Statistics II	
or STAT 101 Statistics for the Social Sciences	

List A: Select one (1) course: **4-5**

- ANATOMY 001† Introduction to Human Anatomy
- or CHEM 051 Fundamentals of Chemistry I
- or CHEM 065 Introductory General Chemistry
- or CHEM 101† General Chemistry I
- or MICRO 020† General Microbiology
- or PHYSIOL 001† Introduction to Human Physiology

List B: Select one (1) course: **3**

- HEALTH 113 Social Determinants of Health, Disparities, and Equities

List C: Select one (1) course: **4-5**

HEALTH 008	Women’s Personal Health
PSYCH 052	Psychological Aspects of Human Sexuality

Total 24-26

† This course has a prerequisite or corequisite.

NOTE: A minimum of 60 units and a cumulative GPA of 2.0 or higher must be completed to earn the Associate Degree. Major courses must each be completed with a grade of C or better. Always consult a counselor for information on program and graduation requirements, residency requirements and transfer information.

ASSOCIATE IN ARTS FOR TRANSFER (AA-T) Social Justice Studies: Chicano/Chicana Studies (M037870G)

Students completing the Associate in Arts in Social Justice Studies: Chicano/Chicana Studies for Transfer will have satisfied the lower division major preparation for bachelor’s degrees in similar majors as determined by California State University (CSU) campuses and are guaranteed admission with junior status to the California State University system, although not to a particular campus or major. Students can use the website [ADT Search by CSU Campus](#) to find CSU campuses that accept ADT degrees as being similar to their bachelor’s degree majors.

To earn an Associate Degree for Transfer, students must complete 60 semester units (90 quarter units) of coursework that is transferable to the California State University with an overall GPA of 2.0 or higher, and also complete each of the following requirements:

1. Major/Area of Emphasis: A minimum of 18 semester units (27 quarter units) of coursework, with a C or higher earned in each course or P if taken on a Pass/No Pass basis, as required by the Los Angeles Community College District (LACCD) (Title 5 §55062).
2. General Education: Completion of the California General Education Transfer Curriculum (Cal-GETC) course requirements, with a C or higher earned for each course or P if taken on a Pass/No Pass basis (34 semester/45 quarter units).
3. Residency: A minimum of 12 semester units must be completed within the LACCD (Title 5 §55062).

Program Learning Outcomes – Upon completion, students will be able to:

- Analyze the contribution of Mexican descendants to politics and education, and the artistic role (literary, visual, arts) and its impact on American society and the world.
- Compare the experience of Mexican descendants with the other racial, ethnic, and national groups in the United States and the world.

REQUIRED CORE	UNITS
SOC 011 Race and Ethnic Relations	3
SOC 031 Sociology of Gender	3
Select one (1) course:	3

- CHICANO 002 The Mexican-American in Contemporary Society
- CHICANO 042 Contemporary Mexican Literature

List A: Select three (3) courses from at least two of the following areas (Only one course from Area 4 may be used) **9-10**

AREA 1: HISTORY OR GOVERNMENT

- CHICANO 007 The Mexican-American in the History of the United States I
- CHICANO 008 The Mexican-American in the History of the United States II
- CHICANO 019 History of Mexico
- CHICANO 020 The Mexican American in California
- CHICANO 044 Mexican Civilization

AREA 2: ARTS AND HUMANITIES

CHICANO 037	Chicano Literature
CHICANO 042	Contemporary Mexican Literature
CHICANO 046	Chicano and Mexican Folklore
CHICANO 052	Mexican Art – Modern
CHICANO 058	Latin American Dance Cultures

AREA 3: SOCIAL SCIENCE

CHICANO 047	Mexican-American Woman in Contemporary Society
CHICANO 071	The Chicano in Los Angeles

AREA 4: QUANTITATIVE REASONING AND RESEARCH METHODS

STAT C1000	Introduction to Statistics <i>(formerly MATH 227 Statistics)</i>
or STAT C1000E	Introduction to Statistics <i>(formerly MATH 227S Statistics with Support)</i>
or MATH 227A+B†	Statistics I + Statistics II
or STAT 101	Statistics for the Social Sciences

AREA 5: MAJOR PREPARATION

Any Required Core course not already used

Total 18-19

NOTE: A minimum of 60 units and a cumulative GPA of 2.0 or higher must be completed to earn the Associate Degree. Major courses must each be completed with a grade of C or better. Always consult a counselor for information on program and graduation requirements, residency requirements and transfer information.

ASSOCIATE IN ARTS FOR TRANSFER (AA-T) Sociology (M033215G)

Students completing the Associate in Arts in Sociology for Transfer will have satisfied the lower division major preparation for bachelor’s degrees in similar majors as determined by California State University (CSU) campuses and are guaranteed admission with junior status to the California State University system, although not to a particular campus or major. Students can use the website [ADT Search by CSU Campus](#) to find CSU campuses that accept ADT degrees as being similar to their bachelor’s degree majors.

To earn an Associate Degree for Transfer, students must complete 60 semester units (90 quarter units) of coursework that is transferable to the California State University with an overall GPA of 2.0 or higher, and also complete each of the following requirements:

1. Major/Area of Emphasis: A minimum of 18 semester units (27 quarter units) of coursework, with a C or higher earned in each course or P if taken on a Pass/No Pass basis, as required by the Los Angeles Community College District (LACCD) (Title 5 §55062).
2. General Education: Completion of the California General Education Transfer Curriculum (Cal-GETC) course requirements, with a C or higher earned for each course or P if taken on a Pass/No Pass basis (34 semester/45 quarter units).
3. Residency: A minimum of 12 semester units must be completed within the LACCD (Title 5 §55062).

Program Learning Outcomes – Upon completion, students will be able to:

- Evaluate the merits of sociological research methods (e.g., interviews, case studies, field work, content analysis, and survey design); select and apply these methods to formulate and investigate well-reasoned sociological research questions.
- Compare and assess the features of the major sociological theories and perspectives of human behavior and social situations.
- Demonstrate strategies for social change at the individual and institutional levels, in various areas of sociology.

REQUIRED CORE

		UNITS
SOC 001	Introduction to Sociology	3
SOC 002	American Social Problems	3
STAT C1000	Introduction to Statistics <i>(formerly MATH 227 Statistics)</i>	4
or STAT C1000E	Introduction to Statistics <i>(formerly MATH 227S Statistics with Support)</i>	

or MATH 227A+B† Statistics I + Statistics II

or STAT 101 Statistics for the Social Sciences

List A: Select two (2) courses:

SOC 003	Crime & Delinquency	6
SOC 004†	Sociological Analysis	
SOC 011	Race and Ethnic Relations	
SOC 013	Society and Personality	
FAM &CS 031	Marriage and Family Life	
or SOC 028	The Family: A Sociological Approach	
SOC 031	Sociology of Gender	

List B: Select one (1) course:

Any Sociology course from List A course not already used

3

Total 19

† This course has a prerequisite or corequisite.

NOTE: A minimum of 60 units and a cumulative GPA of 2.0 or higher must be completed to earn the Associate Degree. Major courses must each be completed with a grade of C or better. Always consult a counselor for information on program and graduation requirements, residency requirements and transfer information.

ASSOCIATE IN ARTS FOR TRANSFER (AA-T) Studio Arts (M033131G)

Students completing the Associate in Arts in Studio Arts for Transfer will have satisfied the lower division major preparation for bachelor’s degrees in similar majors as determined by California State University (CSU) campuses and are guaranteed admission with junior status to the California State University system, although not to a particular campus or major. Students can use the website [ADT Search by CSU Campus](#) to find CSU campuses that accept ADT degrees as being similar to their bachelor’s degree majors.

To earn an Associate Degree for Transfer, students must complete 60 semester units (90 quarter units) of coursework that is transferable to the California State University with an overall GPA of 2.0 or higher, and also complete each of the following requirements:

1. Major/Area of Emphasis: A minimum of 18 semester units (27 quarter units) of coursework, with a C or higher earned in each course or P if taken on a Pass/No Pass basis, as required by the Los Angeles Community College District (LACCD) (Title 5 §55062).
2. General Education: Completion of the California General Education Transfer Curriculum (Cal-GETC) course requirements, with a C or higher earned for each course or P if taken on a Pass/No Pass basis (34 semester/45 quarter units).
3. Residency: A minimum of 12 semester units must be completed within the LACCD (Title 5 §55062).

Program Learning Outcomes – Upon completion, students will be able to:

- Communicate effectively through the uses of discipline-specific terminology in oral and written communication.
- Demonstrate aesthetic responsiveness by taking a position on and communicating the merits of specific works of art and how those works of art reflect human values within historical, cultural, political, and philosophical contexts.
- Develop competent skill in the creation of art including:

- a. investigation of the elements and principles of art into two- and three-dimensional works;
- b. observational drawing and the illusion of space;
- c. the traditional and experimental use of media;
- d. and synthesis of historical and contemporary art concepts into a portfolio of artwork in preparation for transfer.

REQUIRED CORE	UNITS
ART 201 Drawing I	3
ART 501 Beginning Two-Dimensional Design	3
ART 502 Beginning Three-Dimensional Design	3
ARTHIST 120 Survey of Western Art History II	3
List A: Select one (1) from the following three (3) Art History courses:	3
ARTHIST 110 Survey of Western Art History I	
ARTHIST 130 Survey of Asian Art History	
ARTHIST 140 Survey of Arts of Africa, Oceania, and Ancient America	
List B: Select three (3) courses from separate curricular areas:	9
DRAWING	
ART 202+ Drawing II	
or ART 204 Life Drawing I	
PAINTING	
ART 300 Introduction to Painting	
SCULPTURE	
ART 700+ Introduction to Sculpture	
or ART 701+ Sculpture †	
MULTIMEDIA	
MULTIMD 100 Introduction to Multimedia Computer Applications	
PHOTOGRAPHY	
PHOTO 007 Exploring Digital Photography	
Total 24	

† This course has a prerequisite or corequisite.
 NOTE: A minimum of 60 units and a cumulative GPA of 2.0 or higher must be completed to earn the Associate Degree. Major courses must each be completed with a grade of C or better. Always consult a counselor for information on program and graduation requirements, residency requirements and transfer information.

ASSOCIATE IN ARTS FOR TRANSFER (AA-T) Theatre Arts (M035913G)
 Students completing the Associate in Arts in Theater Arts for Transfer will have satisfied the lower division major preparation for bachelor's degrees in similar majors as determined by California State University (CSU) campuses and are guaranteed admission with junior status to the California State University system, although not to a particular campus or major. Students can use the website [ADT Search by CSU Campus](#) to find CSU campuses that accept ADT degrees as being similar to their bachelor's degree majors.
 To earn an Associate Degree for Transfer, students must complete 60 semester units (90 quarter units) of coursework that is transferable to the California State University with an overall GPA of 2.0 or higher, and also complete each of the following requirements:

1. Major/Area of Emphasis: A minimum of 18 semester units (27 quarter units) of coursework, with a C or higher earned in each course or P if taken on a Pass/No Pass basis, as required by the Los Angeles Community College District (LACCD) (Title 5 §55062).
2. General Education: Completion of the California General Education Transfer Curriculum (Cal-GETC) course requirements, with a C or higher earned for each course or P if taken on a Pass/No Pass basis (34 semester/45 quarter units).
3. Residency: A minimum of 12 semester units must be completed within the LACCD (Title 5 §55062).

Program Learning Outcomes – Upon completion, students will be able to:

- Function efficiently both onstage and backstage.
- Apply contemporary theory and practices.
- Transfer to a Bachelor's Degree of Arts program for Theatre Arts at any CSU campus.

REQUIRED CORE	UNITS
Select nine (9) units:	9
THEATER 100 Introduction to the Theater	
or THEATER 110 History of the World Theater	
THEATER 200 Introduction to Acting	
THEATER 291 Rehearsals & Performances I	
and THEATER 292 Rehearsals & Performances II	
or THEATER 293 Rehearsals & Performances III	
List A: Select three (3) courses:	9
THEATER 114 Script Analysis	
THEATER 271+ Intermediate Acting	
THEATER 300 Introduction to Stage Craft	
THEATER 310 Introduction to Theatrical Lighting	
THEATER 315 Introduction to the Theatrical Scenic Design	
THEATER 405 Costume Design	
THEATER 450 Beginning Stage Make-up	
Or Core course(s) not used above selected from the following:	
THEATER 291 Rehearsals & Performances I	
and THEATER 292 Rehearsals & Performances II	
or THEATER 293 Rehearsals & Performances III	
Total 18	

† This course has a prerequisite or corequisite.
 NOTE: A minimum of 60 units and a cumulative GPA of 2.0 or higher must be completed to earn the Associate Degree. Major courses must each be completed with a grade of C or better. Always consult a counselor for information on program and graduation requirements, residency requirements and transfer information.

ASSOCIATE IN ARTS (AA) – Art (M003348C)
 The Associate in Arts - Art provides a foundation in studio art practice focusing on the elements and principles of art while exploring a variety of theories, techniques, and materials. Students take courses in art history, design, drawing, painting, and digital media in preparation for a career in art which may include transfer to a four-year college or university.

Program Learning Outcomes – Upon completion, students will be able to:

- Communicate effectively through the uses of discipline-specific terminology in oral and written communication.
- Demonstrate aesthetic responsiveness by taking a position on and communicating how the merits of specific works of art reflect human values within historical, cultural, political, and philosophical contexts.
- Develop competent skills in the creation of art including:
 - a. investigation of the elements and principles of art into two- and three- dimensional works;
 - b. observational drawing and the illusion of space;
 - c. the traditional and experimental use of media;
 - d. and synthesis of historical and contemporary art concepts into a portfolio of artwork in preparation for transfer.

REQUIRED COURSES	UNITS
ART 201 Drawing I	3

ART 300	Introduction to Painting	3
ART 501	Beginning Two-Dimensional Design	3
ART 502	Beginning Three-Dimensional Design	3
List A: Select two (2) from the following four (4) Art History courses:		6
ARTHIST 110	Survey of Western Art History I	
ARTHIST 120	Survey of Western Art History II	
ARTHIST 130	Survey of Asian Art History	
ARTHIST 140	Survey of Arts of Africa, Oceania, and Ancient America	
List B: Select one (1) from the following three (3) Drawing courses:		3
ART 202†	Drawing II	
or ART 204	Life Drawing I	
or ART 209†	Perspective Drawing	
List C: Select one (1) from the following eight (8) multidiscipline courses:		3
ART 307†	Oil Painting I	
ART 700†	Introduction to Sculpture	
MULTIMD 100	Introduction to Multimedia Computer Applications	
MULTIMD 220	Illustration for Multimedia	
MULTIMD 240	Graphic Design for Multimedia	
MULTIMD 320	Web Design	
MULTIMD 400	Introduction to Experimental Animation	
PHOTO 007	Exploring Digital Photography	

Total 24

† This course has a prerequisite or corequisite.

NOTE: A minimum of 60 units and a cumulative GPA of 2.0 or higher must be completed to earn the Associate Degree. Major courses must each be completed with a grade of C or better. Always consult a counselor for information on program and graduation requirements, residency requirements and transfer information.

ASSOCIATE IN SCIENCE (AS) Biology (M020792C)

The Associate in Science (AS) Degree in Biology will provide the student with a strong, basic foundation in the science. The curriculum is generally required of lower-division life science majors, as well as pre-dental, pre-medical, pre-optometry, pre-pharmacy, and pre-veterinary students. Students interested in transferring and/or completing an AS degree in Biology should meet with a counselor to determine the coursework necessary to complete the requirements for general education and for the major.

Program Learning Outcomes – Upon completion, students will be able to:

- Apply the scientific method by developing a hypothesis, designing a controlled experiment, collecting data, and interpreting the results.
- Make informed decisions regarding ethical concerns related to contemporary controversial issues in the life and/or biomedical sciences.
- Analyze the relationship between a structure and its function in living systems.

REQUIRED CORE		UNITS
BIOLOGY 006†	General Biology I	5
BIOLOGY 007	General Biology II	5
CHEM 101†	General Chemistry I	5
CHEM 102†	General Chemistry II	5
STAT C1000	Introduction to Statistics (formerly MATH 227 Statistics)	4-6
or STAT C1000E	Introduction to Statistics (formerly MATH 227S Statistics with Support)	

or MATH 227A+B†	Statistics I + Statistics II
or STAT 101	Statistics for the Social Sciences
or MATH 260†	Precalculus
or MATH 240**	Trigonometry
& MATH 245	College Algebra

Total 24-26

**Students can alternatively take MATH 240S Trigonometry with Support

† This course has a prerequisite or corequisite.

NOTE: A minimum of 60 units and a cumulative GPA of 2.0 or higher must be completed to earn the Associate Degree. Major courses must each be completed with a grade of C or better. Always consult a counselor for information on program and graduation requirements, residency requirements and transfer information.

ASSOCIATE IN SCIENCE (AS) Biotechnology (M035603C)

This program is designed to prepare students for employment in biotechnology research. Upon successful completion of the required coursework, students will have acquired skills in basic laboratory techniques and practices in addition to proficiency in basic statistics, microbiology, and oral/written data presentation. Students will also be proficient in concepts of quality control and their application in biotechnology research.

Program Learning Outcomes – Upon completion, students will be able to:

- Employ the principles of proper documentation and recordkeeping in keeping a laboratory notebook and creating standard operating procedures.
- Explain and properly perform molecular biology techniques commonly used in biotechnology-related academic and industrial laboratories.
- Correctly analyze and clearly present biotechnology data in oral and written form.
- Explain and apply the principles of quality control and quality assurance in a biotechnology environment.

REQUIRED CORE		UNITS
BIOTECH 002	Biotechnology I	4
BIOTECH 003†	Biotechnology II	4
BIOTECH 006	Biotechnology: Quality Control	2
BIOTECH 008†	Biological Research Internship	2
CHEM 051	Fundamentals of Chemistry I	4-5
or CHEM 065	Introductory General Chemistry	
STAT C1000*	Introduction to Statistics (formerly MATH 227)	4
or STAT C1000E	Introduction to Statistics (formerly MATH 227S Statistics with Support)	
or STAT 101	Statistics for the Social Sciences	
MICRO 020†	General Microbiology	4

Total 24-25

* Students can alternatively enroll in STAT C1000E Introduction to Statistics (formerly MATH 227S Statistics with Support) or the sequence of MATH 227A Statistics I + MATH 227B Statistics II

† This course has a prerequisite or corequisite.

NOTE: A minimum of 60 units and a cumulative GPA of 2.0 or higher must be completed to earn the Associate Degree. Major courses must each be completed with a grade of C or better. Always consult a counselor for information on program and graduation requirements, residency requirements and transfer information.

ASSOCIATE IN ARTS (AA) Business Administration (M003339C)

The Business Administration program is designed to give the student a basic understanding of the field of business. Through the use of electives, it is also designed with sufficient latitude to allow the student to explore fields of his or her choice. This program is designed to meet the needs of 1) employed persons desiring to prepare for supervisory positions, 2) supervisors and other management personnel who wish to gain knowledge which will enable them to perform their duties more effectively or to advance to more responsible positions.

Program Learning Outcomes – Upon completion, students will be able to:

- Analyze and apply ethical values and global perspectives while making appropriate decisions related to administration problems.
- Apply critical thinking skills to formulate viable solutions to management problems by using basic accounting, business, and financial concepts and technology tools.

REQUIRED COURSES	UNITS
ACCTG 001	5
BUS 001	3
BUS 005	3
CAOT 032	3
CAOT 082	3
MARKET 021	3
MGMT 002	3
Select one (1) course:	3
ECON 001	3
ECON 002	3
Select two (2) courses:	6
BUS 172 Global Business	3
FINANCE 001	3
FINANCE 008	3
MARKET 022	3
MGMT 013	3
MGMT 031	3
MGMT 033	3
Total 32	

† This course has a prerequisite or corequisite.
NOTE: A minimum of 60 units and a cumulative GPA of 2.0 or higher must be completed to earn the Associate Degree. Major courses must each be completed with a grade of C or better. Always consult a counselor for information on program and graduation requirements, residency requirements and transfer information.

ASSOCIATE IN SCIENCE (AS) Health Science (M008338C)

This curriculum provides an orientation to the health sciences while including the general background required for the allied health fields and family environmental sciences.

Program Learning Outcomes – Upon completion, students will be able to:

- Explain two or more disease processes and their biological foundations.
- Demonstrate proper application of basic laboratory methods such as using a microscope, taking blood pressure, and plating bacteria using aseptic technique.
- Read and analyze current literature from simple biomedical journals.

REQUIRED CORE	UNITS
ANATOMY 001†	4

BIOLOGY 003	4
or BIOLOGY 005	4
CHEM 051	4-5
or CHEM 065	4-5
STAT C1000*	4
(formerly MATH 227 Statistics)	
or STAT C1000E	4
Introduction to Statistics	
(formerly MATH 227S Statistics with Support)	
or STAT 101	4
Statistics for the Social Sciences	
PHYSIOL 001†	4
PSYC C1000	4
Introduction to Psychology 3	
(formerly PSYCH 001 Introductory Psychology)	
or SOC 001	4
Introduction to Sociology	
Select one (1) Required Course:	4
MICRO 020†	4
General Microbiology	
PHYSICS 006†	4
General Physics I	
Select one (1) Elective course:	3-4
BIOLOGY 033	3-4
Medical Terminology	
NUTRTN 021	3-4
Nutrition	
PHYSICS 007†	3-4
General Physics II	
SOC 001	3-4
Introduction to Sociology	

Total 30-32

* Students can alternatively enroll in STAT C1000E Introduction to Statistics (formerly MATH 227S Statistics with Support) or the sequence of MATH 227A Statistics I + MATH 227B Statistics II

† This course has a prerequisite or corequisite.
NOTE: A minimum of 60 units and a cumulative GPA of 2.0 or higher must be completed to earn the Associate Degree. Major courses must each be completed with a grade of C or better. Always consult a counselor for information on program and graduation requirements, residency requirements and transfer information.

ASSOCIATE IN ARTS (AA) Management (M015995C)

This program is designed to meet the needs of 1) employed persons desiring to prepare for supervisory positions, and 2) supervisors and other management personnel who wish to gain knowledge which will enable them either to perform their duties more effectively or to advance to more responsible positions. This course of study was developed with the assistance of our Business Advisory Committee. Typical Positions: Various supervisory and managerial positions in the industrial and commercial community.

Program Learning Outcomes – Upon completion, students will be able to:

- Analyze and apply ethical values and global perspectives while making appropriate decisions related to management problems.
- To assess effective leadership styles, teamwork, and communication skills.

REQUIRED COURSES	UNITS
ACCTG 001	5
BUS 001	3
BUS 005	3
CAOT 032	3
MGMT 002	3
MGMT 013	3
MGMT 031	3
MGMT 033	3
Select one (1) course:	3
ECON 001	3
Principles of Microeconomics	
ECON 002	3
Principles of Macroeconomics	
Select two (2) courses:	6

BUS 172 Global Business

CAOT 082	Microsoft Office Suite
FINANCE 001	Principles of Finance
MARKET 021	Principles of Marketing
MARKET 022	Green Marketing

Total 35

NOTE: A minimum of 60 units and a cumulative GPA of 2.0 or higher must be completed to earn the Associate Degree. Major courses must each be completed with a grade of C or better. Always consult a counselor for information on program and graduation requirements, residency requirements and transfer information.

ASSOCIATE IN ARTS (AA) – Painting (M008348C)

The Associate in Arts - Painting provides a foundation in studio art practice focusing on the elements and principles of art while exploring a variety of theories, techniques, and materials. Students take courses in art history, design, drawing, painting, and digital media in preparation for a career in art which may include transfer to a four-year college or university. The focus of this degree includes taking four levels of painting to develop a creative portfolio of work for exhibition and application for admission to college art programs that require a portfolio.

Program Learning Outcomes – Upon completion, students will be able to:

- Communicate effectively through the uses of discipline-specific terminology in oral and written communication.
- Demonstrate aesthetic responsiveness by taking a position on and communicating the merits of specific works of art and how those works of art reflect human values within historical, cultural, political, and philosophical contexts.
- Develop competent skill in the creation of art including:
 - a. investigation of the elements and principles of art into two- and three-dimensional works;
 - b. observational drawing and the illusion of space;
 - c. the traditional and experimental use of media;
 - d. and synthesis of historical and contemporary art concepts into a portfolio of paintings for exhibition.

REQUIRED COURSES

UNITS

ART 201	Drawing I	3
ART 300	Introduction to Painting	3
ART 501	Beginning Two-Dimensional Design	3
ART 502	Beginning Three-Dimensional Design	3
List A: Select two (2) from the following four (4) Art History courses:		6
ARTHIST 110	Survey of Western Art History I	
ARTHIST 120	Survey of Western Art History II	
ARTHIST 130	Survey of Asian Art History	
ARTHIST 140	Survey of Arts of Africa, Oceania, and Ancient America	

List B: Select one (1) from the following three (3) Drawing courses: 3

ART 202†	Drawing II
ART 204	Life Drawing I
ART 209†	Perspective Drawing I

List C: Select three (3) from the following six (6) Painting courses: 9

ART 304†	Acrylic Painting I
ART 305†	Acrylic Painting II
ART 306†	Acrylic Painting III
ART 307†	Oil Painting I
ART 308†	Oil Painting II
ART 309†	Oil Painting III

List D: Select one (1) from the following two (2) multi-discipline courses:	3
MULTIMD 100	Introduction to Multimedia Computer Applications
PHOTO 007	Exploring Digital Photography

Total 33

† This course has a prerequisite or corequisite.

NOTE: A minimum of 60 units and a cumulative GPA of 2.0 or higher must be completed to earn the Associate Degree. Major courses must each be completed with a grade of C or better. Always consult a counselor for information on program and graduation requirements, residency requirements and transfer information.

CERTIFICATE OF ACHIEVEMENT Biotechnology Research Lab Assistant (M035600D)

This program is designed to prepare students for employment in biotechnology research. Upon successful completion of the required coursework, students will have acquired skills in basic laboratory techniques and practices in addition to proficiency in basic statistics, microbiology, and oral/written data presentation.

Program Learning Outcomes – Upon completion, students will be able to:

- Employ the principles of proper documentation and recordkeeping in keeping a laboratory notebook and creating standard operating procedures.
- Explain and properly perform molecular biology techniques commonly used in biotechnology-related academic and industrial laboratories.
- Correctly analyze and clearly present biotechnology data in oral and written form.

REQUIRED CORE

UNITS

BIOTECH 002	Biotechnology I	4
BIOTECH 003†	Biotechnology II	4
BIOTECH 008†	Biological Research Internship	2
CHEM 051	Fundamentals of Chemistry I	4-5
or CHEM 065	Introductory General Chemistry	
STAT C1000*	Introduction to Statistics (formerly MATH 227 Statistics)	4
or STAT C1000E	Introduction to Statistics (formerly MATH 227S Statistics with Support)	
or STAT 101	Statistics for the Social Sciences	
MICRO 020†	General Microbiology	4

Total 22-23

* Students can alternatively enroll in STAT C1000E Introduction to Statistics (formerly MATH 227S Statistics with Support) or the sequence of MATH 227A Statistics I + MATH 227B Statistics II

† This course has a prerequisite or corequisite.

CERTIFICATE OF ACHIEVEMENT Creative Writing (M043738D)

LAMC’s Creative Writing Certificate invites aspiring writers to delve deep into the world of narrative creation. Through a curated blend of courses, students master the art of crafting compelling stories across diverse platforms and within multiple disciplines, including English, Theater, Journalism and Multimedia. Armed with practical editing skills, graduates are equipped for a writing career in publishing, marketing, or the entertainment industry.

Program Learning Outcomes – Upon completion, students will be able to:

- Construct pieces that resonate with diverse audiences, showcasing an understanding of cultural and social nuances in storytelling.

- Edit pieces effectively, merging creative intent with practical editorial techniques to produce polished pieces.

REQUIRED CORE	UNITS
Select six (6) courses:	17-18
ENGLISH 032 College Literary Magazine Editing	
ENGLISH 109 Writing for Social Media	
ENGLISH 124 Short Story Writing I	
ENGLISH 127 Creative Writing	
ENGLISH 223 Creative Nonfiction	
JOURNAL 101 Collecting and Writing News	
JOURNAL 218-1 Practical Editing I	
MULTIMD 600 Story, Script and Screen	
THEATER 114 Script Analysis	
	Total 17-18

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 ready to transition to vocational training and college-level course work. This certificate includes three courses and is appropriate for students with scores of 180 and below on the CASAS Appraisal Exam.

Program Learning Outcomes – Upon completion, students will be able to:

- Process, understand, interpret and engage with level-appropriate visual content, short written text, and oral presentations to construct meaning.
- Produce level-appropriate, simple, written and spoken text and responses such that it transmits meaning.
- Use their computers and/or smartphones to practice and improve their English language skills through educational multimedia, Canvas, and Office 365.

CERTIFICATE OF COMPETENCY Foundational ESL and Computer Skills (M042632F)

This certificate provides the first building blocks for learning the English language and developing computer literacy. Non-English-speaking students develop foundational literacy skills in English, including reading, writing, listening, and speaking skills. Students will

REQUIRED COURSES	HOURS
BSICKL 025CE Basic Skills in Computers	54
ESL NC 048CE Pronunciation I: Producing Sounds	18
ESL NC 040CE Conversation – Foundational	36
ESL NC 120CE Pre-Beginning/Foundational ESL	90
	Total Hours 162-180

NEW NONCREDIT PROGRAMS

CERTIFICATE OF COMPLETION Community Health Worker (M045582E)

(STEM, Health, and Fitness CAP)

The Community Health Worker (CHW) Program trains students to work as a CHW in their respective communities. Community Health Workers are trusted frontline public health workers that serve as a link between health services, social services, and the community while helping chronically ill older adults and others access medical and social services. They focus on establishing trust in communities and improving quality of life for those in need.

Program Learning Outcomes – Upon completion, students will be able to:

- Recognize key health challenges and social determinants affecting various populations.
- Assess and utilize local health and human services to support individuals in need.
- Apply communication, advocacy, and outreach skills to function effectively as Community Health Workers.

REQUIRED CORE	HOURS
VOC ED 554CE Community Health Workers I	36
VOC ED 555CE Community Health Workers II	18
	Total Hours 54

CERTIFICATE OF COMPLETION Culinary and Baking Essentials (M0455702E)

(Culinary Arts CAP)

The Culinary and Baking Essentials Certificate of Completion is designed for individuals seeking entry-level employment in the culinary and baking fields. Emphasis is placed on developing core food preparation skills, sanitation practices, and customer service. The program offers practical training to prepare students for work in restaurants, banquet settings, catering, and institutional foodservice operations. It also serves as a bridge to further education in culinary arts and hospitality.

Program Learning Outcomes – Upon completion, students will be able to:

- Integrate foundational culinary and baking techniques to produce a variety of menu items that meet industry standards for taste, texture, and presentation.
- Select and justify the appropriate tools, equipment, and ingredients for diverse culinary and baking tasks, based on efficiency, safety, and quality standards.

REQUIRED CORE	HOURS
VOC ED 242CE Banquet Server Skills Training	18
VOC ED 246CE Service Skills Training	18
VOC ED 247CE Kitchen Steward Skills Training	18
VOC ED 540CE Culinary: Elements of Cooking Techniques	36
	Total Hours 90

NEW PROGRAMS

ASSOCIATE IN ARTS FOR TRANSFER (AA-T) Chicana/o Studies, Latina/o Studies (M045104G)

(Society, Culture, and Communication CAP)

Students completing the Associate in Arts in Chicana/o Studies for Transfer will have satisfied the lower division major preparation for bachelor's degrees in similar majors as determined by California State University (CSU) campuses and are guaranteed admission with junior status to the California State University system, although not to a particular campus or major. Students can use the website ADT Search by CSU Campus to find CSU campuses that accept ADT degrees as being similar to their bachelor's degree majors:

<https://www.calstate.edu/apply/transfer/Pages/associate-degree-for-transfer-major-and-campus-search.aspx>.

To earn an Associate Degree for Transfer, students must complete 60 semester units (90 quarter units) of coursework that is transferable to the California State University with an overall GPA of 2.0 or higher, and also complete each of the following requirements:

1. Major/Area of Emphasis: A minimum of 18 semester units (27 quarter units) of coursework, with a C or higher earned in each course or P if taken on a Pass/No Pass basis, as required by the Los Angeles Community College District (LACCD) (Title 5 §55062).
2. General Education: Completion of the California General Education Transfer Curriculum (Cal-GETC) course requirements, with a C or higher earned for each course or P if taken on a Pass/No Pass basis (34 semester/45 quarter units).
3. Residency: A minimum of 12 semester units must be completed within the LACCD (Title 5 §55062).

Program Learning Outcomes – Upon completion, students will be able to:

- Analyze the contribution of Chicana/o, Latina/o descendants to politics and education, and the artistic role (literary, visual, arts) and its impact on American society and the world.
- Compare the experience of the Chicana/o, Latina/o descendants with the other racial, ethnic, and national groups in the United States and the world.

REQUIRED CORE UNITS

CHICANO 004	Introduction to Chicana/o Studies	3
CHICANO 008	The Mexican-American in the History of the United States II	3
CHICANO 047	The Mexican-American Woman in Society	3
List A: Select one (1) course:		3
CHICANO 002	The Mexican-American in Contemporary Society	
CHICANO 007	The Mexican-American in the History of the United States I	
CHICANO 019	History of Mexico	
CHICANO 020	The Mexican-American in California	
CHICANO 037	Chicano Literature	
CHICANO 042	Contemporary Mexican Literature	
CHICANO 044	Mexican Civilization	
CHICANO 046	Mexican-American Folklore	
CHICANO 052	Mexican Art-Modern	
CHICANO 058	Latin American Dance Cultures	

List B: Select two (2) of the following courses not already used in List A: 6

CHICANO 002	The Mexican-American in Contemporary Society	
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CHICANO 007	The Mexican-American in the History of the United States I	
CHICANO 008	The Mexican-American in the History of the United States II	
CHICANO 054	Mexican-American Arts in American Culture	
CHICANO 057	Chicanas and Chicanos in Film	
CHICANO 071	The Chicano in Los Angeles	

Total 18

NOTE: A minimum of 60 units and a cumulative GPA of 2.0 or higher must be completed to earn the Associate Degree. Major courses must each be completed with a grade of C or better. Always consult a counselor for information on program and graduation requirements, residency requirements and transfer information.

ASSOCIATE IN SCIENCE FOR TRANSFER (AS-T) Computer Science (M045654H)

(STEM, Health, and Fitness CAP)

Students completing the Associate in Science in Computer Science for Transfer will have satisfied the lower division major preparation for bachelor's degrees in similar majors as determined by California State University (CSU) campuses and are guaranteed admission with junior status to the California State University system, although not to a particular campus or major. Students can use the website ADT Search by CSU Campus to find CSU campuses that accept ADT degrees as being similar to their bachelor's degree majors:

<https://www.calstate.edu/apply/transfer/Pages/associate-degree-for-transfer-major-and-campus-search.aspx>

To earn an Associate Degree for Transfer, students must complete 60 semester units (90 quarter units) of coursework that is transferable to the California State University with an overall GPA of 2.0 or higher, and also complete each of the following requirements:

1. Major/Area of Emphasis: A minimum of 18 semester units (27 quarter units) of coursework, with a C or higher earned in each course or P if taken on a Pass/No Pass basis, as required by the Los Angeles Community College District (LACCD) (Title 5 §55062).
2. General Education: Completion of the California General Education Transfer Curriculum (Cal-GETC) course requirements, with a C or higher earned for each course or P if taken on a Pass/No Pass basis (34 semester/45 quarter units).
3. Residency: A minimum of 12 semester units must be completed within the LACCD (Title 5 §55062).

Program Learning Outcomes – Upon completion, students will be able to:

- Demonstrate a basic understanding of computer systems and programming.
- Solve business needs using algorithmic thinking and software development methodology.

REQUIRED CORE UNITS

CS 130†	Introduction to Computer Architecture and Organization	3
CS 136†	Introduction to Data Structures	3
CS 213†	Advanced Programming in Java	3
or CS 216†	Object-Oriented Programming in C ++	
MATH 272†	Methods of Discrete Mathematics	5

27

MATH 261†	Calculus I	5
or MATH 261S†	Calculus I with Support	
and MATH 262†	Calculus II	5
PHYSICS 037†	Physics for Engineers and Scientists I	5
PHYSICS 038†	Physics for Engineers and Scientists II	5
or BIOLOGY 006†	General Biology I	
or BIOLOGY 007†	General Biology II	
or CHEM 101†	General Chemistry I	

Total 34

† This course has a prerequisite or corequisite.

NOTE: A minimum of 60 units and a cumulative GPA of 2.0 or higher must be completed to earn the Associate Degree. Major courses must each be completed with a grade of C or better. Always consult a counselor for information on program and graduation requirements, residency requirements and transfer information.

ASSOCIATE IN ARTS FOR TRANSFER (AA-T) Geography (M045103G)

(STEM, Health, and Fitness CAP)

Students completing the Associate in Arts in Geography for Transfer Degree will have satisfied the lower division major preparation for bachelor’s degrees in similar majors as determined by California State University (CSU) campuses and are guaranteed admission with junior status to the California State University system, although not to a particular campus or major. Students can use the website ADT Search by CSU Campus to find CSU campuses that accept ADT degrees as being similar to their bachelor’s degree majors:
<https://www.calstate.edu/apply/transfer/Pages/associate-degree-for-transfer-major-and-campus-search.aspx>.

To earn an Associate Degree for Transfer, students must complete 60 semester units (or 90 quarter units) of coursework that is transferable to the California State University with an overall GPA of 2.0 or higher, and also complete each of the following requirements:

1. Major/Area of Emphasis: A minimum of 18 semester units (27 quarter units) of coursework, with a C or higher earned for each course or P if taken on a Pass/No Pass basis, as required by the Los Angeles Community College District (LACCD) (Title 5 §55062).
2. General Education: Completion of the California General Education Transfer Curriculum (Cal-GETC) course requirements, with a C or higher earned for each course or P if taken on a Pass/No Pass basis (34 semester/45 quarter units).
3. Residency: A minimum of 12 semester units must be completed within the LACCD (Title 5 §55062).

Program Learning Outcomes – Upon completion, students will be able to:

- Use qualitative and quantitative analysis techniques to solve physical and social science problems through integration of multiple ideas that demonstrates reasoning completely and clearly.
- Understand geographic principles to evaluate and solve conceptual challenges.

REQUIRED CORE		UNITS
GEOG 001	Physical Geography	3
GEOG 002	Cultural Elements of Geography	
or GEOG 007	World Regional Geography	3
List A: Select two to three (2-3) courses:		6-7
GEOG 003	Introduction to Weather and Climate	
GEOG 014	Geography of California	
GEOG 015	Physical Geography Laboratory	
List B: Select two (2) of the following courses:		6

ANTHRO 102	Human Ways of Life: Cultural Anthropology	
GEOLOGY 001	Physical Geology	
or any List A course not used		

Total 18-20

NOTE: A minimum of 60 units and a cumulative GPA of 2.0 or higher must be completed to earn the Associate Degree. Major courses must each be completed with a grade of C or better. Always consult a counselor for information on program and graduation requirements, residency requirements and transfer information.

ASSOCIATE IN SCIENCE FOR TRANSFER (AS-T) Mathematics 2.0

(M045666H)

(STEM, Health, and Fitness CAP)

Students completing the Associate in Science in Mathematics for Transfer will have satisfied the lower division major preparation for bachelor’s degrees in similar majors as determined by California State University (CSU) campuses and are guaranteed admission with junior status to the California State University system, although not to a particular campus or major. Students can use the website ADT Search by CSU Campus to find CSU campuses that accept ADT degrees as being similar to their bachelor’s degree majors:

<https://www.calstate.edu/apply/transfer/Pages/associate-degree-for-transfer-major-and-campus-search.aspx>

To earn an Associate Degree for Transfer, students must complete 60 semester units (90 quarter units) of coursework that is transferable to the California State University with an overall GPA of 2.0 or higher, and also complete each of the following requirements:

1. Major/Area of Emphasis: A minimum of 18 semester units (27 quarter units) of coursework, with a C or higher earned in each course or P if taken on a Pass/No Pass basis, as required by the Los Angeles Community College District (LACCD) (Title 5 §55062).
2. General Education: Completion of the California General Education Transfer Curriculum (Cal-GETC) course requirements, with a C or higher earned for each course or P if taken on a Pass/No Pass basis (34 semester/45 quarter units).
3. Residency: A minimum of 12 semester units must be completed within the LACCD (Title 5 §55062).

Program Learning Outcomes – Upon completion, students will be able to:

- Demonstrate knowledge of the fundamental mathematical principles.

PROGRAM PREREQUISITE: Precalculus or placement in any MT level

REQUIRED CORE		UNITS
MATH 261†	Calculus I	5
or MATH 261S†	Calculus I with Support	
MATH 262†	Calculus II	5
MATH 263†	Calculus III	5
MATH 270†	Linear Algebra	3
MATH 275†	Ordinary Differential Equations	3
List A: Select one (1) course:		3-5
CS 119	Programming in Python	
CS 213†	Advanced Programming in Java	
or CS 216†	Object-Oriented Programming in C ++	
PHYSICS 037†	Physics for Engineers and Scientists I	

Total 24-26

† This course has a prerequisite or corequisite.

NOTE: A minimum of 60 units and a cumulative GPA of 2.0 or higher must be completed to earn the Associate Degree. Major courses must each be completed with a grade of C or better. Always consult a counselor for information on program and graduation requirements, residency requirements and transfer information.

NOTE: A minimum of 60 units and a cumulative GPA of 2.0 or higher must be completed to earn the Associate Degree. Major courses must each be completed with a grade of C or better. Always consult a counselor for information on program and graduation requirements, residency requirements and transfer information.

ASSOCIATE IN SCIENCE FOR TRANSFER (AS-T) Physics 2.0 (M045667H)
(STEM, Health, and Fitness CAP)

Students completing the Associate in Science in Physics for Transfer will have satisfied the lower division major preparation for bachelor's degrees in similar majors as determined by California State University (CSU) campuses and are guaranteed admission with junior status to the California State University system, although not to a particular campus or major. Students can use the website ADT Search by CSU Campus to find CSU campuses that accept ADT degrees as being similar to their bachelor's degree majors.

To earn an Associate Degree for Transfer, students must complete 60 semester units (90 quarter units) of coursework that is transferable to the California State University with an overall GPA of 2.0 or higher, and also complete each of the following requirements:

1. Major/Area of Emphasis: A minimum of 18 semester units (27 quarter units) of coursework, with a C or higher earned in each course or P if taken on a Pass/No Pass basis, as required by the Los Angeles Community College District (LACCD) (Title 5 §55062).
2. General Education: Completion of the California General Education Transfer Curriculum (Cal-GETC) course requirements, with a C or higher earned for each course or P if taken on a Pass/No Pass basis (34 semester/45 quarter units).
3. Residency: A minimum of 12 semester units must be completed within the LACCD (Title 5 §55062).

Program Learning Outcomes – Upon completion, students will be able to:

- Use qualitative and quantitative analysis to solve physical science problems through the integration of multiple ideas that demonstrates reasoning completely and clearly.
- Understand physics principles to evaluate and solve conceptual challenges.
- Perform hypothesis-driven laboratory experiments using the appropriate instruments as well as analyze and interpret data to form appropriate conclusions.

PROGRAM PREREQUISITE: Precalculus or placement in any MT level

REQUIRED CORE		UNITS
CS 119	Programming in Python	3
or CS 213†	Advanced Programming in Java	
or CS 216†	Object-Oriented Programming in C++	
MATH 261†	Calculus I	5
or MATH 261S†	Calculus I with Support	
MATH 262†	Calculus II	5
MATH 263†	Calculus III	5
MATH 270†	Linear Algebra	3
MATH 275†	Ordinary Differential Equations	3
PHYSICS 037†	Physics for Engineers and Scientists I	5
PHYSICS 038†	Physics for Engineers and Scientists II	5
PHYSICS 039†	Physics for Engineers and Scientists III	5
Total 39		

† This course has a prerequisite or corequisite.

ASSOCIATE IN ARTS (AA) Professional Baking and Patisserie
(M044977C)

(Culinary Arts CAP)

The Professional Baking and Patisserie associate degree will provide students with advanced baking skills and expertise to pursue higher-level positions in the hospitality industry. Through a combination of hands-on kitchen experience and theoretical knowledge, students will master the preparation and analysis of various baked goods, including tarts, pate a choux, entremets, laminated doughs, Mexican breads, specialty and wedding cakes, and restaurant style desserts. Upon completion, graduates will be well-prepared for employment in bakeries, pastry shops, hotels, and fine dining restaurants. The program is designed to meet industry demands and career goals, preparing graduates for success and rapid upward mobility to supervisory or managerial positions in the dynamic field of baking and patisserie.

Program Learning Outcomes – Upon completion, students will be able to:

- Identify and adhere to industry standards for entry, supervisory, and management positions within the baking and pastry industry.
- Apply professional baking and patisserie techniques across diverse categories, demonstrating skills that meet or exceed industry standards.
- Evaluate and implement best practices in food safety, production and presentation within various segments of the baking and pastry industry.

REQUIRED COURSES		UNITS
CLN ART 050	Sanitation & Safety	2
CLN ART 060†	Culinary Arts Orientation & Techniques	4
CLN ART 103	Culinary Nutrition	2
CLN ART 106†	Purchasing & Receiving	3
CLN ART 108	Restaurant Supervision & Training	2
CLN ART 150†	Work Experience – Culinary Arts I	2
CLN ART 155†	Work Experience – Culinary Arts II	2
PROFBKG 122†	Artisanal Breads, Specialty Breads	6
PROFBKG 130†	Chocolate, Confections, Dec & Showpieces	3
PROFBKG 135†	Specialty Cakes	3
PROFBKG 200	Principles of Baking & Patisserie I	4
PROFBKG 210†	Principles of Baking & Patisserie II	4
PROFBKG 215†	Restaurant Plated Desserts	4
PROFBKG 220†	Viennoiserie I	3
Total 44		

† This course has a prerequisite or corequisite.

NOTE: A minimum of 60 units and a cumulative GPA of 2.0 or higher must be completed to earn the Associate Degree. Major courses must each be completed with a grade of C or better. Always consult a counselor for information on program and graduation requirements, residency requirements and transfer information.

CERTIFICATE OF ACHIEVEMENT Journalism (M045048D)

(Society, Culture, and Communication CAP)

Jumpstart your career in journalism and multimedia communications with our Certificate of Achievement in Journalism. Tailored to meet the evolving demands of today’s media landscape, this program equips you with essential skills in news writing, public relations, social media strategy, and digital storytelling. Whether you aim to join established media outlets or carve out your own space in independent journalism, this certificate prepares you to succeed in a fast-paced, multimedia-driven environment.

Program Learning Outcomes – Upon completion, students will be able to:

- Analyze diverse sources of information to identify biases and ensure balanced reporting.
- Create engaging, coherent multimedia content using advanced digital tools and platforms for effective storytelling.

REQUIRED CORE		UNITS
JOURNAL 043	Public Relations Techniques	3
JOURNAL 100	Social Values in Mass Communication	3
JOURNAL 101	Collecting and Writing News	3
JOURNAL 202	Advanced Newswriting	3
MEDIART 117	Introduction to Social Media	3
MEDIART 801	Digital Media Storytelling	3
Select one (1) elective:		3
ENGLISH 223	Creative Nonfiction	
MEDIART 802	Introduction to Podcast	
PHOTO 007	Exploring Digital Photography	

Total 21

CERTIFICATE OF ACHIEVEMENT Social Media Strategist (M045585D)

(Society, Culture, and Communication CAP)

Boost your digital skills with our Certificate of Achievement in Social Media Strategy. This program equips you with essential tools in social media management, content creation, SEO, and digital marketing. Whether you’re building a personal brand or managing social media for businesses, you’ll gain hands-on experience to thrive in today’s competitive digital world. Prepare to create impactful content, engage audiences, and drive growth across platforms like Instagram and TikTok. Whether you aim to join a company or launch your own business, this certificate sets you up for success in the digital landscape.

Program Learning Outcomes – Upon completion, students will be able to:

- Design strategic social media campaigns that effectively communicate messages and foster audience engagement.
- Create engaging multimedia content for platforms like Instagram and TikTok while applying communication strategies to connect with diverse audiences.

REQUIRED CORE		UNITS
COMM 109	Social Media Strategies	3
COMM 122	Intercultural Communication	3
COMM 190	Communication and New Media	3
ENGLISH 109	Writing for Social Media	3
JOURNAL 043	Public Relations Techniques	3
MARKET 021	Principles of Marketing	3
MEDIART 117	Introduction to Social Media	3

MULTIMD 100 Introduction to Multimedia Computer Applications 3

Total 24

CERTIFICATE OF ACHIEVEMENT Sport and Exercise Nutrition

Fundamentals (M045350D)

(STEM, Health, and Fitness CAP)

The Certificate of Achievement in Sport and Exercise Nutrition Fundamentals introduces students to basic knowledge in nutrition, physiology, and fitness so they can understand and apply nutrient and fluid guidelines for athletes and other active people. The courses prepare nutritionists, fitness professionals, coaches, and health educators to provide evidence-based, practical, and ethical fueling information that supports exercise training, performance, recovery, and health.

Program Learning Outcomes – Upon completion, students will be able to:

- Students will gain fundamental knowledge in nutrition science, exercise physiology, physical fitness, and career academic pathways in sports nutrition.
- Students will understand nutrient and fluid guidelines for active people and provide practical and ethical fueling information that supports exercise training, performance, recovery, and health.

REQUIRED CORE		UNITS
NUTRTN 001	Careers in Nutrition and Foods	1
NUTRTN 021	Introduction to Nutrition Science	3
NUTRTN 018	Nutrition for Sport and Performance	2
KIN MAJ 116	Introduction to Exercise Physiology	3-4
or KIN MAJ 117	Personal Trainer Certification Preparation	
or KIN MAJ 136	Applied Exercise Science	

Select one (1) course: **1**

DANCETQ 121	Jazz Dance Techniques I	
DANCETQ 141	Modern Dance Techniques I	
DANCETQ 171	Hip-Hop Dance Techniques I	
DANCETQ 321	Social Dance I	
DANCETQ 462	Modern Dance	
DNCESPC 441	Latin Social and Salsa Dance I	
KIN 035	Adaptive Activities	
KIN 291	Volleyball Skills	
KIN 316-1	Karate I	
KIN 329-1	Body Conditioning I	
KIN 330	Cardio Kickboxing	
KIN 332	Step Aerobics	
KIN 334-1	Fitness Walking I	
KIN 336-1	Zumba Fitness I	
KIN 347-1	Pilates Mat I	
KIN 350-1	Weight Training I	
KIN 351-1	Yoga I	
KIN 371-1	Tennis I	
KIN 387-1	Basketball I	
KIN 389-1	Soccer I	
KIN ATH 552	Intercollegiate Sports-Conditioning & Skills Training	
KIN ATH 555	Intercollegiate Cross Country- Fitness & Skills Training	
KIN ATH 556	Intercollegiate Basketball-Fitness & Skills Training	
KIN ATH 557	Intercollegiate Baseball-Fitness & Skills Training	
KIN ATH 558	Intercollegiate Soccer-Fitness & Skills Training	
KIN ATH 562	Intercollegiate Tennis-Fitness & Skills Training	
KIN ATH 563	Intercollegiate Volleyball-Fitness & Skills Training	

KIN ATH 564 Intercollegiate Softball-Fitness & Skills Training
Total 10-11

CERTIFICATE OF ACHIEVEMENT Sport and Exercise Nutrition Science

(M045351D)

(STEM, Health, and Fitness CAP)

The Certificate of Achievement in Sport and Exercise Nutrition Science builds on the fundamentals certificate and provides additional science courses needed for an associate degree for transfer in either nutrition or kinesiology and for an advanced career in sports dietetics, sports medicine, athletic training, physical therapy, and related professions.

Program Learning Outcomes – Upon completion, students will be able to:

- Students will gain fundamental knowledge in nutrition science, exercise physiology, physical fitness, and career academic pathways in sports nutrition.
- Students will understand nutrient and fluid guidelines for active people and provide practical and ethical fueling information that supports exercise training, performance, recovery, and health.
- Students will complete prerequisite science courses for more advanced study and careers in sports dietetics, sports medicine, athletic training, physical therapy, and related fields.

REQUIRED CORE UNITS

NUTRTN 001	Careers in Nutrition and Foods	1
NUTRTN 021	Introduction to Nutrition Science	3
NUTRTN 018	Nutrition for Sport and Performance	2
KIN MAJ 116	Introduction to Exercise Physiology	3-4
or KIN MAJ 117	Personal Trainer Certification Preparation	
or KIN MAJ 136	Applied Exercise Science	

Select one (1) course: 1

DANCETQ 121	Jazz Dance Techniques I	
DANCETQ 141	Modern Dance Techniques I	
DANCETQ 171	Hip-Hop Dance Techniques I	
DANCETQ 321	Social Dance I	
DANCETQ 462	Modern Dance	
DNCEPC 441	Latin Social and Salsa Dance I	
KIN 035	Adaptive Activities	
KIN 291	Volleyball Skills	
KIN 316-1	Karate I	
KIN 329-1	Body Conditioning I	
KIN 330	Cardio Kickboxing	
KIN 332	Step Aerobics	
KIN 334-1	Fitness Walking I	
KIN 336-1	Zumba Fitness I	
KIN 347-1	Pilates Mat I	
KIN 350-1	Weight Training I	
KIN 351-1	Yoga I	
KIN 371-1	Tennis I	
KIN 387-1	Basketball I	
KIN 389-1	Soccer I	
KIN ATH 552	Intercollegiate Sports-Conditioning & Skills Training	
KIN ATH 555	Intercollegiate Cross Country- Fitness & Skills Training	
KIN ATH 556	Intercollegiate Basketball-Fitness & Skills Training	
KIN ATH 557	Intercollegiate Baseball-Fitness & Skills Training	
KIN ATH 558	Intercollegiate Soccer-Fitness & Skills Training	

KIN ATH 562 Intercollegiate Tennis-Fitness & Skills Training
 KIN ATH 563 Intercollegiate Volleyball-Fitness & Skills Training
 KIN ATH 564 Intercollegiate Softball-Fitness & Skills Training
Select two (2) courses: 8-9

- ANATOMY 001† Introduction to Human Anatomy
- BIOLOGY 003 Introduction to Biology
- or BIOLOGY 005 Introduction to Human Biology
- CHEM 065 Introductory Chemistry
- or CHEM 101† General Chemistry

Total 18-20

OTHER UPDATES

New Cal-GETC Approved Courses

Area 3A. ARTS

INTRDGN 103
MUSIC 111, 116, 141

Area 3B. HUMANITIES

ENGLISH 203, 205, 206, 208, 218, 239, 240, 241
SPANISH 003, 004, 005, 006, 012, 015, 026

Area 4. SOCIAL AND BEHAVIORAL SCIENCES

COMM 100

Language Other Than English (LOTE) Courses

The following courses are eligible for offering either bilingually or monolingually in a language other than English (LOTE). The following departments currently offer sections of courses in LOTE: Career and Continuing Education, Child Development, and Life Sciences. Please contact the department for details and offerings.

Subject & No.	Course	Units	Department
BSICKSKL 025CE	Basic Skills in Computers	0	Career and Continuing Education
BSICKSKL 027CE	Foundations: Study Skills	0	Career and Continuing Education
BSICKSKL 075CE	Introduction To Post-Secondary Education	0	Career and Continuing Education
BSICKSKL 091CE	Job Readiness 100	0	Career and Continuing Education
BSICKSKL 092CE	Job Readiness 101	0	Career and Continuing Education
BSICKSKL 126CE	Foundations: Reading Skillshop	0	Career and Continuing Education
BSICKSKL 127CE	Foundations: Writing Skillshop	0	Career and Continuing Education
BSICKSKL 128CE	Foundations: Math Skillshop	0	Career and Continuing Education
BSICKSKL 129CE	Bilingual GED Preparation: Literature and Language Arts	0	Career and Continuing Education
BSICKSKL 130CE	Bilingual GED Preparation: Social Studies	0	Career and Continuing Education
BSICKSKL 131CE	Bilingual GED Preparation: Mathematics	0	Career and Continuing Education
BSICKSKL 132CE	Bilingual GED Preparation: Science	0	Career and Continuing Education
BSICKSKL 200CE	College Readiness: Math Skills I	0	Career and Continuing Education
BSICKSKL 201CE	College Readiness: Math Skills II	0	Career and Continuing Education
BSICKSKL 202CE	College Readiness: Math Skills III	0	Career and Continuing Education
BSICKSKL 204CE	College Readiness: Writing Skills I	0	Career and Continuing Education

Subject & No.	Course	Units	Department
BSICKSKL 205CE	College Readiness: Writing Skills II	0	Career and Continuing Education
BSICKSKL 206CE	College Readiness: Writing Skills III	0	Career and Continuing Education
BSICKSKL 208CE	College Readiness: Reading Skills I	0	Career and Continuing Education
BSICKSKL 209CE	College Readiness: Reading Skills II	0	Career and Continuing Education
BSICKSKL 210CE	College Readiness: Reading Skills III	0	Career and Continuing Education
CH DEV 001	Child Growth And Development	3	Child and Family Studies
CH DEV 002	Early Childhood: Principles And Practices	3	Child and Family Studies
CH DEV 007	Introduction To Curriculum In Early Childhood Education	3	Child and Family Studies
CH DEV 011	Child, Family And Community	3	Child and Family Studies
ESLVCVCS 013CE	ESL And Civics IV	0	Career and Continuing Education
ESLVCVCS 014CE	ESL And Civics V	0	Career and Continuing Education
VOC ED 174CE	Keyboarding	0	Career and Continuing Education
VOC ED 175CE	Cloud Literacy	0	Career and Continuing Education
VOC ED 176CE	Communication Management & Scheduling	0	Career and Continuing Education
VOC ED 181CE	Spreadsheets for Data Management	0	Career and Continuing Education
VOC ED 182CE	Word Processing	0	Career and Continuing Education
VOC ED 183CE	Presentation Design for the Office	0	Career and Continuing Education
VOC ED 190CE	Pathway to socially Responsible Entrepreneurship	0	Career and Continuing Education
VOC ED 191CE	Starting Your Own Small Business	0	Career and Continuing Education
VOC ED 192CE	Managing Small Business Operations	0	Career and Continuing Education
VOC ED 193CE	Marketing and Sales for Small Business	0	Career and Continuing Education
VOC ED 194CE	Technology For Small Business	0	Career and Continuing Education
VOC ED 195CE	Entrepreneurial Finance	0	Career and Continuing Education
VOC ED 208CE	IHSS: Care for People with Dementia	0	Life Sciences

Subject & No.	Course	Units	Department
VOC ED 393CE	Introduction to Healthcare Careers: Pathways and Fundamentals	0	Life Sciences
VOC ED 554CE	Community Health Workers I - Introduction and Background	0	Life Sciences
VOC ED 555CE	Community Health Workers II - Foundations, Ethics, and Best Practices	0	Life Sciences
VOC ED 800CE	Pathway to Careers in the Nonprofit Sector	0	Career and Continuing Education
VOC ED 801CE	Non-Traditional Leadership	0	Career and Continuing Education
VOC ED 802CE	Democracy in Action	0	Career and Continuing Education
VOC ED 803CE	Community Organizing for Civic Engagement	0	Career and Continuing Education
VOC ED 804CE	Tools for Deliberative Dialogue	0	Career and Continuing Education
VOC ED 805CE	Framing Compelling Messages and Social Media Campaigns	0	Career and Continuing Education
VOC ED 806CE	Program Design and Evaluation	0	Career and Continuing Education
VOC ED 807CE	Fundraising and Resource Development	0	Career and Continuing Education
VOC ED 821CE	Principles of Mediation and Conflict Resolution	0	Career and Continuing Education
VOC ED 822CE	Anger Management Skills	0	Career and Continuing Education
VOC ED 823CE	Resolving Workplace Disputes	0	Career and Continuing Education

MATH PLACEMENT CRITERIA

Minimum grade of “C” or “P” or higher in the following high school course(s)	Level	AB 1705-Compliant Placement
Calculus, Precalculus, Math Analysis, Integrated Math 4, Trigonometry	MT4	MATH 247, 261, 261S
Integrated Math 3, Intermediate Algebra	MT2	MATH 243**, 260, 247, 261, 261S
None of the above are true and (graduated from a US regionally accredited high school, or earned a GED or CA High School Equivalency Certificate)	MT1	MATH 240, 240S, 243**, 260, 247, 261, 261S
Graduated from a US regionally accredited high school, or earned a GED or CA High School Equivalency Certificate	BSLAM*	MATH 215, 230, 238, (242), 245, STAT 101, STAT C1000, STAT C1000E

*All BSLAM courses (Business, Statistics, and Liberal Arts Mathematics) in the bottom row are available at all “MT” levels.
 **Innovative preparatory course option for Lowest STEM Placement students. An innovative course must be no more than 4 units with no more than 2 units of concurrent support. This course may be offered during the two-year innovation period (Fall 2025-Spring 2027) and must undergo additional validation to continue to be offered after July 2027.

CREDIT FOR PRIOR LEARNING

Credit By Exam

The courses listed below are added to the list of courses eligible for Credit by Exam.

ADM JUS 008, 039, 075, 111, 150, 204, 250
 MGMT 033

Industry Certification

The courses listed below are added to the list of courses eligible for Industry Certification.

ADM JUS 250
 ALD HTH 021

The following certifications/licensures are eligible for LACCD GE Area 7 credit:

Certified Nursing Assistant (CNA)
 Emergency Medical Technician (EMT)
 Licensed Vocational Nurse (LVN)
 Peace Officer’s Standards and Training (P.O.S.T.)

Military Training/Service Requests

The courses listed below are eligible for Military Training/Service Requests.

Please consult with a counselor or the Transfer Center to determine the best plan to meet your educational goals:

- ADM JUS 075