

Degree and Certificate Program Descriptions

AA-T Associate in Arts Degree for Transfer	CA Certificate of Achievement
AS-T Associate in Science Degree for Transfer	CN Certificate of Completion (noncredit)
AA Associate of Arts degree	CY Certificate of Competency (noncredit)
AS Associate of Science degree	SC Skills Certificate (non-transcripted)

b. A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district and meeting the requirements of an approved transfer model curriculum.

2. Obtainment of a minimum grade point average of 2.0.

Required units	20
CHEM 101 General Chemistry I	5
CHEM 102 General Chemistry II	5
FAM & CS 021 Nutrition	3
MICRO 020 General Microbiology	4
PSYCH 001 General Psychology	3
Elective units, list A (chosen from the following)	3
ANAT 001 Intro to Human Anatomy	4
CHEM 101 General Chemistry I	5
CHEM 102 General Chemistry II	5
CHEM 211 Organic Chemistry-Science Majors	5
MATH 227 Statistics	4
PHYSIOL 001 Intro to Human Physiology	4
Elective units, list B (chosen from the following)	3
ANTHRO 102 Cultural Anthropology	3
MATH 245 College Algebra	3
Additional CSU GE or IGETC units (37-39 units, minus 13-16 major units that may be double-counted as GE)	21-26
CSU-transferable elective units	3-8
TOTAL	60

PARALEGAL

SOCIAL SCIENCES DIVISION

West Los Angeles College offers a Paralegal Studies program that is approved by the American Bar Association (ABA). The program is designed to prepare students for work as a paralegal. A paralegal is a person, qualified by education, training or work experience who is employed or retained by a lawyer, law office, corporation, governmental agency or other entity and who performs specifically delegated substantive legal work for which a lawyer is responsible. Paralegals may not provide legal services directly to the public except as permitted by law.

Employment of paralegals and legal assistants is projected to grow 17 percent from 2012 to 2022, faster than the average for all occupations. This occupation attracts many applicants, and competition for jobs will be strong. Experienced, formally trained paralegals with strong computer and database management skills should have the best job prospects.

(<http://www.bls.gov/ooh/legal/paralegals-and-legal-assistants.htm>)

NOTE: This program is not designed for preparation for law school admission. Students should consult catalogs of law schools of their choice or a counselor when planning to attend law school.

Program Learning Outcomes: Upon successful completion of this program, students will be able to...

- The Paralegal Studies Program is designed to prepare the student to assist the attorney in both private and public sectors in all phases of legal work and to equip the student with the knowledge necessary to enter the legal service fields as an entry-level paralegal.
- To insure quality paralegal education at the community college level
- To familiarize students with the legal system and the role of the paralegal in the delivery of legal services in the public and private sectors.
- To train students to be prepared to use and apply the most current paralegal skills.
- To educate students to intelligently and ethically serve the legal community.
- To train students in critical paralegal skills such as investigation, legal research, interviewing, written and oral communications.
- To educate, train and provide students with the theoretical background to perform the paralegal's tasks in substantive areas of law and legal specialties.
- To educate and train students in areas of procedural law emphasizing the paralegal's role in litigation, mediation and arbitration.
- To educate students about the general principles of ethical legal practice as defined by the American Bar Association's Standing Committee on Ethics and Professional Responsibility, and California's Business & Professions Code §6450.
- To encourage students to contribute to the advancement of the legal profession.
- To provide counseling during the program and to assist students in preparing for and obtaining meaningful careers in the paralegal field.

PARALEGAL (AA)

MAJOR CODE: 1402.00

The Associate of Arts degree in Paralegal Studies is primarily designed for career and technical education and workforce training/ development and is approved by the American Bar Association (ABA). The curriculum is not aligned with course requirements for transfer to a specific major at a four-year college or university.

Consult a counselor to develop an educational plan.
Visit the Transfer Center for additional information about transferring.

Degree and Certificate Program Descriptions

Required courses		29
BUS 005	Business Law I OR	3
PALEGAL 041	Contract Law for Paralegals	3
CAOT 093	Legal Document Production	2
ENGLISH 101	College Reading and Composition I	3
PALEGAL 004	Legal Internship	3
PALEGAL 010	Intro to Law and Legal Profession	3
PALEGAL 011	Introduction to Civil Litigation	3
PALEGAL 014	Law Office Management and Procedures	3
PALEGAL 017	Legal Writing	3
PALEGAL 044	Business Organization for Paralegals	3
PALEGAL 051	Legal Research for Paralegals	3
Elective units (chosen from the following)		12
PALEGAL 012	Tort Law	3
PALEGAL 013	Wills, Trusts, and Probate Administration	3
PALEGAL 016	Civil and Criminal Evidence	3
PALEGAL 018	Family Law	3
PALEGAL 019	Property and Creditor Rights	3
PALEGAL 020	Probate Procedures	3
PALEGAL 033	Entertainment Law	3
PALEGAL 035	Immigration Law	3
PALEGAL 042	Workers' Compensation for Paralegals	3
PALEGAL 043	Electronic Discovery for Paralegals	3
PALEGAL 045	Litigation Document Preparation	3
Additional LACCD GE plan units		18
(21 units, minus 3 major units that may be double-counted as GE)		
Degree-applicable elective units		1
TOTAL		60

PARALEGAL (CA)

MAJOR CODE: 1402.00

Required courses		29
BUS 005	Business Law I OR	3
PALEGAL 041	Contract Law for Paralegals	3
CAOT 093	Legal Document Production	2
ENGLISH 101	College Reading and Composition I	3
PALEGAL 004	Legal Internship	3
PALEGAL 010	Intro to Law and Legal Profession	3
PALEGAL 011	Introduction to Civil Litigation	3
PALEGAL 014	Law Office Management and Procedures	3
PALEGAL 017	Legal Writing	3
PALEGAL 044	Business Organization for Paralegals	3
PALEGAL 051	Legal Research for Paralegals	3
Elective units (chosen from the following)		12
PALEGAL 012	Tort Law	3

PALEGAL 013	Wills, Trusts, and Probate Administration	3
PALEGAL 016	Civil and Criminal Evidence	3
PALEGAL 018	Family Law	3
PALEGAL 019	Property and Creditor Rights	3
PALEGAL 020	Probate Procedures	3
PALEGAL 033	Entertainment Law	3
PALEGAL 035	Immigration Law	3
PALEGAL 042	Workers' Compensation for Paralegals	3
PALEGAL 043	Electronic Discovery for Paralegals	3
PALEGAL 045	Litigation Document Preparation	3
TOTAL		41

PARAMEDICINE

HEALTH SCIENCES DIVISION

(Also see any of the following health industry programs)

ADDICTION STUDIES
ALLIED HEALTH
DENTAL ASSISTING
DENTAL HYGIENE (BS)
HEALTH SCIENCE
MEDICAL ASSISTING
PUBLIC HEALTH

PARAMEDICINE (AS)

MAJOR CODE: 1251.00

West Los Angeles College has partnered with the UCLA Center for Prehospital Care Paramedic Education Program to offer students the opportunity to earn an associate degree while becoming licensed Paramedics.

Paramedics are advanced providers of emergency medical care and receive education in anatomy and physiology, cardiology, pharmacology, medicine and trauma. They build on their Emergency Medical Technician certification and learn additional skills including administering medications, starting intravenous lines, providing advanced airway management, and learning to resuscitate and support patients with significant problems such as heart attacks and traumas. Paramedics work for fire departments and ambulance companies.

The Paramedic Program is a 7-month full-time program (36 units). It is divided into three phases: didactic, includes lecture and hands-on skills training; clinical, in-hospital rotations; and field internship, assignment to an active paramedic unit.

All students are admitted through the UCLA Center for Prehospital Care. For more information and application requirements visit www.cpc.mednet.ucla.edu or call (310) 267-5959.

The Paramedic Program consists of 8 courses in Allied Health (43-50) and is managed through a formal contract education

Degree and Certificate Program Descriptions

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AS Associate of Science degree	SC Skills Certificate (non-transcribed)

relationship with the UCLA Center for Prehospital Care who provides the facilities, instructors, equipment and coordinates acceptance into the program. The Paramedic Program is offered three to four times each year with cohorts beginning in Fall, Winter, and Spring semesters. The accelerated format is requested by both employers and students. The course has an 88% completion rate, 94% licensing rate, and 99% of the students have full time employment within 6 months of graduation. Prerequisites: ALD HTH 52 and a criminal background check.

As required by California Code of Regulations Title 22, students must possess a California Emergency Medical Technician (EMT) certification to be eligible to participate, 6 months work experience as an EMT, valid driver's license (class C) required. It is also strongly recommended that the students complete the Pre-Paramedic Course (Allied Health 53) prior to enrollment into the Paramedic Program. (1) Possess a high school diploma or general education equivalent; and (2) possess a current basic cardiac life support (CPR) card equivalent to the current American Heart Association's Guidelines for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care at the healthcare provider level.

Program Learning Outcomes: Upon successful completion of this program, students will be able to...

- Understand the roles and responsibilities of the paramedic within an EMS system.
- Apply the basic concepts of development, pathophysiology and pharmacology to the assessment and management of emergency patients.
- Establish and/or maintain a patent airway, oxygenate, and ventilate a patient.
- Obtain take a proper history and perform a comprehensive physical exam on any patient, and
- Communicate the findings to others.
- Properly administer medications.
- Integrate pathophysiological principles and assessment findings to formulate a field impression and implement a treatment plan for the following types of patients: trauma, medical, neonatal, pediatric, geriatric, chronically ill, and common-complaint.
- Safely manage the scene of an emergency.

Required courses	36
ALD HTH 43CO Anatomy & Physiology for Emergency Healthcare Personnel	4
ALD HTH 44CO Intro to Emergency Medical Services	2
ALD HTH 45CO Patient Assessment & Airway Management	2
ALD HTH 46CO Cardiology Assessment & Medical Emergencies	6
ALD HTH 47CO Emergency Response to Crisis	4

ALD HTH 48CO Medical Emergencies & Pharmacological Interventions	5
ALD HTH 49CO Clinical Internship	4
ALD HTH 50CO Field Internship	9

Additional LACCD GE plan units	21
Degree-applicable elective units	3
TOTAL	60

PARAMEDIC (CA)

MAJOR CODE: 1251.00

The Paramedic Certificate of Achievement will qualify students for licensure as Paramedics in the State of California. The certificate of achievement is comprised of eight courses in three distinct learning phases: didactic, clinical and field internship. During the didactic phase, lecture presentations, return demonstrations, and workshops are utilized. In the clinical segment students are rotated through hospital clinical areas and function on a one-to-one basis under direct supervision of a nurse or physician. During the field internship phase, the student is assigned to an active paramedic squad. While in this rotation, the student will perform the full scope of practice of a Paramedic under the supervision of licensed professional. Upon completion of this program students will demonstrate the following Program Learning Outcomes.

As required by California Code of Regulations Title 22, students must possess a California Emergency Medical Technician (EMT) certification to be eligible to participate, 6 months work experience as an EMT, valid driver's license (class C) required. It is also strongly recommended that the students complete the Pre-Paramedic Course (Allied Health 53) prior to enrollment into the Paramedic Program. (1) Possess a high school diploma or general education equivalent; and (2) possess a current basic cardiac life support (CPR) card equivalent to the current American Heart Association's Guidelines for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care at the healthcare provider level.

Program Learning Outcomes: Upon successful completion of this program, students will be able to...

- Understand the roles and responsibilities of the paramedic within an EMS system.
- Apply the basic concepts of development, pathophysiology and pharmacology to the assessment and management of emergency patients.
- Establish and/or maintain a patent airway, oxygenate, and ventilate a patient.
- Obtain take a proper history and perform a comprehensive physical exam on any patient, and
- Communicate the findings to others.
- Properly administer medications.

Degree and Certificate Program Descriptions

- Integrate pathophysiological principles and assessment findings to formulate a field impression and implement a treatment plan for the following types of patients: trauma, medical, neonatal, pediatric, geriatric, chronically ill, and common-complaint.
- Safely manage the scene of an emergency.

Gainful Employment

To find information about the careers for which this certificate prepares you, the costs associated with the program, median debt accumulated by students completing the program, and time to completion, please visit the Gainful Employment Disclosure website at: <http://wlaac.edu/Gainful-Employment/index.aspx>.

Required courses	36
ALD HTH 43CO Anatomy & Physiology for Emergency Healthcare Personnel	4
ALD HTH 44CO Intro to Emergency Medical Services	2
ALD HTH 45CO Patient Assessment & Airway Management	2
ALD HTH 46CO Cardiology Assessment & Medical Emergencies	6
ALD HTH 47CO Emergency Response to Crisis	4
ALD HTH 48CO Medical Emergencies & Pharmacological Interventions	5
ALD HTH 49CO Clinical Internship	4
ALD HTH 50CO Field Internship	9

PHARMACY TECHNICIAN

HEALTH SCIENCES DIVISION

PHARMACY TECHNICIAN (AS)

MAJOR CODE: 1221.00

The Associate of Science degree in Pharmacy Technician is primarily designed for career and technical education and workforce training/development. The curriculum is not aligned with course requirements for transfer to a specific major at a four-year college or university.

The West Los Angeles College Pharmacy Technician Program prepares a student for an exciting career in pharmacy. Students completing the required course work are able to obtain a State of California Pharmacy Technician license and are prepared to work in the outpatient, inpatient and home health care pharmacy settings.

Program Learning Outcomes: Upon successful completion of this program, students will be able to...

- **Critical Thinking:** Upon graduation the Pharmacy Technician student should be able to analyze situations and respond to the given situations using the evidence

presented in a manner which adheres to the laws and ethics of the profession.

- **Communication:** Upon graduation from the program the Pharmacy Technician student should be capable of completely communicating thoughts in both an oral and written format that is clear, concise, cohesive, and courteous.
- **Technical:** Upon graduation the Pharmacy Tech students should be able to follow the workflow of pharmacy practice in various pharmacy settings.
- **Ethics:** Upon graduation Pharmacy Technician students should exhibit professionalism, competence, growth, and development when practicing the profession.
- **Civic Responsibility:** Upon graduation the Pharmacy Technician students should be able to effectively work as a member of a team.
- **Cultural Diversity:** Upon graduation the Pharmacy Technician student should know how to advance the profession through leadership service activities and affiliation with professional organizations that promote the field as well as encourage members of different cultures to understand the field.

Required courses	32
PHRMCTK 21 Retail Products for Pharmacy Clerks	3
PHRMCTK 23 Introduction to Pharmacy	2
PHRMCTK 29 Body Systems I	3
PHRMCTK 30 Body Systems II	3
PHRMCTK 31 Pharmacy Calculations	2
PHRMCTK 32 Pharmacy Operations	4.5
PHRMCTK 34 Community Pharmacy Externship	2
PHRMCTK 35 Inpatient Pharmacy Services	2
PHRMCTK 36 Inpatient Pharmacy Services Externship	2
PHRMCTK 37 Sterile Products	4.5
PHRMCTK 38 Sterile Products Externship	2
ALD HTH 56 Communication & Customer Service	1
ALD HTH 57 Computers in Health Occupations	1

Elective units (chosen from the following)	6
FAM & CS 021 Nutrition	3
PSYCH 001 General Psychology	3
SOC 001 Introduction to Sociology	3
COMM 101 Public Speaking	3

Elective units (chosen from the following)	4
ALD HTH 033 Medical Terminology	3
BIOLOGY 003A Intro to Biology Lecture AND	3
BIOLOGY 003B Intro to Biology Laboratory	1
CHEM 051 Fundamentals of Chemistry I	5
MICRO 020 General Microbiology	4
PHYSIOL 001 Intro to Human Physiology	4
HLTHOCC 062 Skill Set for Health Care Prof	2
HLTHOCC 063 Basic Medical Terminology	2
HLTHOCC 064 Cultural & Legal Topics for Prof	1
HLTHOCC 065 Fundamentals for Health Care Prof	2.5

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AS Associate of Science degree	SC Skills Certificate (non-transcribed)

Additional LACCD GE plan units	18
TOTAL	60

Pharmacy Technician Basic (CA)

MAJOR CODE: 1221.00

Gainful Employment

To find information about the careers for which this certificate prepares you, the costs associated with the program, median debt accumulated by students completing the program, and time to completion, please visit the Gainful Employment Disclosure website at: <http://wlac.edu/Gainful-Employment/index.aspx>.

Required courses

PHRMCTK 23 Introduction to Pharmacy	2
PHRMCTK 29 Body Systems I	3
PHRMCTK 30 Body Systems II	3
PHRMCTK 31 Pharmacy Calculations	2
PHRMCTK 32 Pharmacy Operations	4.5
PHRMCTK 34 Community Pharmacy Externship	2

TOTAL	16.5
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Pharmacy Technician Advanced (CA)

MAJOR CODE: 1221.00

Gainful Employment

To find information about the careers for which this certificate prepares you, the costs associated with the program, median debt accumulated by students completing the program, and time to completion, please visit the Gainful Employment Disclosure website at: <http://wlac.edu/Gainful-Employment/index.aspx>.

Required courses

PHRMCTK 21 Retail Products for Pharmacy Clerks	3
PHRMCTK 23 Introduction to Pharmacy	2
PHRMCTK 29 Body Systems I	3
PHRMCTK 30 Body Systems II	3
PHRMCTK 31 Pharmacy Calculations	2
PHRMCTK 32 Pharmacy Operations	4.5
PHRMCTK 34 Community Pharmacy Externship	2
PHRMCTK 35 Inpatient Pharmacy Services	2
PHRMCTK 36 Inpatient Pharmacy Services Externship	2
PHRMCTK 37 Sterile Products	4.5
PHRMCTK 38 Sterile Products Externship	2

PHILOSOPHY

LANGUAGE ARTS DIVISION

Physics is the general analysis of nature, involving the study of matter and its motion through space and time. Advance in physics can dramatically transform modern-day society, through its application toward development of new technology.

PHILOSOPHY (AA-T)

MAJOR CODE: 1509.00

The Associate in Arts in Philosophy for Transfer (AA-T) is a degree that provides a solid lower-division preparation for students who intend to transfer to a California State University (CSU) for a bachelor's degree in Philosophy. This degree is designed to provide a clear pathway to a CSU and guarantee admissions to a CSU. Although, students are guaranteed admissions, it is not to any particular campus or program in the CSU system. Students will be required to meet with a counselor for specific university major preparation at the college of their choice in order to facilitate a seamless transition. This coursework will satisfy the lower division Sociology requirements at some of the CSU campuses. Information on which campuses accept this degree can be found at <http://www.sb1440.org/>

This degree complies with The Student Transfer Achievement Reform Act (Senate Bill 1440). Information on which campuses accept this degree can be found at <http://www.sb1440.org/>.

Students who complete an ADT and transfer to a similar major at a CSU are guaranteed a pathway to finish their baccalaureate degrees in 60 semester or 90 quarter units. These degrees require students to meet both of the following requirements:

1. Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
 - a. The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth Requirements.
 - b. A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district and meeting the requirements of an approved transfer model curriculum.
2. Obtainment of a minimum grade point average of 2.0.

Program Learning Outcomes: Upon successful completion of this program, students will be able to...

Degree and Certificate Program Descriptions

- Construct effective argument on moral, political and social issues by using principles of sound thinking, reasoning, logic and the absence of fallacy.
- Articulate clearly and verbalize an argument based on a careful analysis of data and research surrounding a specific moral, political, and social issues.
- Articulate clearly using carefully chosen words and language to argue a position that is based on well-documented research, with emphasis on facts over opinion and bias.
- Develop validity and proof for a moral, political, or social issue by reasoning and arguing from a general to a specific principle and/or from a premise or hypothesis to a logical and specific conclusion.
- Develop validity and proof for a moral, political, or social issue by reasoning and arguing from a set of particular facts or individual cases to a general conclusion.
- Through analysis of historical and current understanding of metaphysics, sciences, and religions, design and develop a personal philosophy that expresses one's view and meaning of life, (including the existence of God, good vs. bad, pleasure vs. pain, friends vs. enemies, and the search for happiness).

Required courses	9
PHILOS 001 Introduction to Philosophy	3
OR	
PHILOS 020 Ethics	3
PHILOS 008 Deductive Logic	3
PHILOS 041 Intro to Philosophy and Literature	3
Elective units, list A (chosen from the following)	3
PHILOS 006 Logic in Practice	3
PHILOS 012 History of Greek Philosophy	3
Elective units, list B (chosen from the following)	6
HISTORY 001 Intro to Western Civilization I	3
HISTORY 002 Intro to Western Civilization II	3
PHILOS 033 Comparative Survey of World Religions	3
Additional CSU GE or IGETC units	28-33
(37-39 units, minus 6-9 major units that may be double-counted as GE)	
CSU-transferable elective units	9-14
TOTAL	60

PHILOSOPHY (AA)

MAJOR CODE: 1509.00

The Associate of Arts degree in Philosophy includes coursework that aligns with specific lower-division major requirements for the Philosophy major at various universities

within the University of California (UC) and California State University (CSU) systems.

Students interested in transferring to a four-year college or university with a major in Philosophy may also consider the Associate of Arts degree in Liberal Arts and Sciences (Arts and Humanities emphasis). Students are encouraged to visit the Transfer Center for complete information regarding transfer requirements for the institution of their choice. Students interested in transfer are also encouraged to consult the Counseling Office for individualized educational planning.

Required courses	9
PHILOS 001 Introduction to Philosophy	3
PHILOS 008 Deductive Logic	3
OR	
PHILOS 009 Symbolic Logic	3
PHILOS 020 Ethics	3
Elective units (chosen from the following)	9
ANTRO 101 Human Ways of Life: Cultural Anthropology	3
ECON 001 Principles of Economics I	3
ENGLISH 203 World Literature I	3
ENGLISH 204 World Literature II	3
HISTORY 001 Introduction to Western Civilization I	3
HISTORY 002 Introduction to Western Civilization II	3
Additional LACCD GE plan units	18
(21 units, minus 3 major units that may be double-counted as GE)	
Degree-applicable elective units	24
TOTAL	60

PHYSICS

SCIENCE DIVISION

PHYSICS (AS-T)

MAJOR CODE: 1902.00

The Associate in Science in Physics for Transfer (AS-T) is a degree that provides a solid lower-division preparation for students who intend to transfer to a California State University (CSU) for a bachelor's degree in Physics. This degree is designed to provide a clear pathway to a CSU and guarantee admissions to a CSU. Although, students are guaranteed admissions, it is not to any particular campus or program in the CSU system. Students will be required to meet with a counselor for specific university major preparation at the college of their choice in order to facilitate a seamless transition.

Degree and Certificate Program Descriptions

AA-T Associate in Arts Degree for Transfer	CA Certificate of Achievement
AS-T Associate in Science Degree for Transfer	CN Certificate of Completion (noncredit)
AA Associate of Arts degree	CY Certificate of Competency (noncredit)
AS Associate of Science degree	SC Skills Certificate (non-transcribed)

This degree complies with The Student Transfer Achievement Reform Act (Senate Bill 1440). Information on which campuses accept this degree can be found at <http://www.sb1440.org/>.

Students who complete an ADT and transfer to a similar major at a CSU are guaranteed a pathway to finish their baccalaureate degrees in 60 semester or 90 quarter units. These degrees require students to meet both of the following requirements:

1. Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
 - a. The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth Requirements.
 - b. A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district and meeting the requirements of an approved transfer model curriculum.
2. Obtainment of a minimum grade point average of 2.0.

Program Learning Outcomes: Upon successful completion of this program, students will be able to...

- Develop critical thinking skills and move toward autonomous learning.
- Comprehend, describe, and apply the procedures of physics and understand their limitations.
- Demonstrate competence in applying the methods of scientific inquiry.
- Apply the basic physics principles to a wide/diverse range of problems.

Required courses	30
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
MATH 261 Calculus I	5
MATH 262 Calculus II	5
MATH 263 Calculus III	5
Additional IGETC units	30
(37 units, minus 7 major units that may be double-counted as GE)	
TOTAL	60

PHYSICS (AS)

MAJOR CODE: 1902.00

The Associate of Science degree in Physics includes coursework that aligns with specific lower-division major

requirements for the Physics major at various universities within the University of California (UC) and California State University (CSU) systems.

Students are encouraged to visit the Transfer Center for complete information regarding transfer requirements for the institution of their choice. Students interested in transfer are also encouraged to consult the Counseling Office for individualized educational planning.

Required courses	40
CHEM 101 General Chemistry I	5
CHEM 102 General Chemistry II	5
MATH 261 Calculus I	5
MATH 262 Calculus II	5
MATH 263 Calculus III	5
PHYSICS 037 Physics for Engineers/Scientists I	5
PHYSICS 038 Physics for Engineers/Scientists II	5
PHYSICS 039 Physics for Engineers/Scientists III	5

Additional LACCD GE plan units **15**
(21 units, minus 6 major units that may be double-counted as GE)

Degree-applicable elective units **5**

TOTAL **60**

POLITICAL SCIENCE

SOCIAL SCIENCE DIVISION

POLITICAL SCIENCE (AA-T)

MAJOR CODE: 2207.00

The Associate in Arts in Political Science for Transfer (AA-T) is a degree that provides a solid lower-division preparation for students who intend to transfer to a California State University (CSU) for a bachelor's degree in Political Science. This degree is designed to provide a clear pathway to a CSU and guarantee admissions to a CSU. Although, students are guaranteed admissions, it is not to any particular campus or program in the CSU system. Students will be required to meet with a counselor for specific university major preparation at the college of their choice in order to facilitate a seamless transition. This coursework will satisfy the lower division Sociology requirements at some of the CSU campuses. Information on which campuses accept this degree can be found at <http://www.sb1440.org/>

This degree complies with The Student Transfer Achievement Reform Act (Senate Bill 1440). Information on which campuses accept this degree can be found at <http://www.sb1440.org/>.

Students who complete an ADT and transfer to a similar major at a CSU are guaranteed a pathway to finish their

Degree and Certificate Program Descriptions

baccalaureate degrees in 60 semester or 90 quarter units. These degrees require students to meet both of the following requirements:

1. Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
 - a. The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth Requirements.
 - b. A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district and meeting the requirements of an approved transfer model curriculum.
2. Obtainment of a minimum grade point average of 2.0.

Required course	13
MATH 227 Statistics	4
POL SCI 001 The Government of the United States	3
POL SCI 002 Modern world Governments	3
POL SCI 007 Contemporary World Affairs	3
<i>Elective units (chosen from the following)</i>	<i>6</i>
ECON 001 Principles of Economics I	3
ECON 002 Principles of Economics II	3
HISTORY 011 Political and Social History of the U.S. I	3
HISTORY 012 Political and Social History of the U.S. II	3
Additional CSU GE or IGETC units (37-39 units, minus 12-15 major units that may be double-counted as GE)	22-27
CSU-transferable elective units	14-19
TOTAL	60

POLITICAL SCIENCE (AA)

MAJOR CODE: 2207.00

The Associate of Arts degree in Political Science includes coursework that aligns with specific lower-division major requirements for the Political Science major at various universities within the University of California (UC) and California State University (CSU) systems.

Students interested in transferring to a four-year college or university with a major in Political Science may also consider the Associate of Arts degree in Liberal Arts and Sciences (Behavioral and Social Sciences emphasis). Students are encouraged to visit the Transfer Center for complete information regarding transfer requirements for the institution

of their choice. Students interested in transfer are also encouraged to consult the Counseling Office for individualized educational planning.

Program Learning Outcomes: Upon successful completion of this program, students will be able to...

- Critically analyze political institutions, systems, processes, events and constitutional principles in order to exercise one's rights and to defend civil liberties.
- Take an informed position on a political issue, candidate or situation and support your position with objective, logical, effective debate and discussion.
- Seek out and engage in civic opportunities that broaden perspectives and increase one's responsibility to family and community.
- Utilize a variety of media sources to research, organize, evaluate, and assimilate information pertaining to a political issue, event, or person.
- In one's family, community and work settings, conduct activities in an ethical manner that reflects knowledge of the law and that adhere to common sense.
- Examine and interpret quantitative and graphic data to prepare the student to distinguish and choose among policy alternatives.

Required courses	15
HISTORY 011 Political & Social History of the U.S. I	3
OR	
HISTORY 041 The African American in the History of the U.S. I	3
HISTORY 012 Political & Social History of the U.S. II	3
OR	
HISTORY 042 The African American in the History of the U.S. II	3
POL SCI 001 The Government of the United States	3
POL SCI 002 Modern World Governments	3
POL SCI 007 Contemporary World Affairs	3
Elective units (chosen from the following)	3
ANTHRO 101 Human Biological Evolution	3
ECON 001 Principles of Economics I	3
HISTORY 001 Intro to Western Civilization I	3
HISTORY 002 Intro to Western Civilization II	3
POL SCI 014 Government & Politics in the Middle East	3
SOC 001 Introduction to Sociology	3
Additional LACCD GE plan units (21 units, minus 6-12 major units that may be double-counted as GE)	9-15
Degree-applicable elective units	27-33
TOTAL	60

Degree and Certificate Program Descriptions

AA-T Associate in Arts Degree for Transfer	CA Certificate of Achievement
AS-T Associate in Science Degree for Transfer	CN Certificate of Completion (noncredit)
AA Associate of Arts degree	CY Certificate of Competency (noncredit)
AS Associate of Science degree	SC Skills Certificate (non-transcribed)

PSYCHOLOGY

SOCIAL SCIENCES DIVISION

PSYCHOLOGY (AA-T)

MAJOR CODE: 2001.00

The Associate of Arts degree in Psychology for Transfer The Associate of Arts degree in Psychology for Transfer provides students an overview of the major fields in psychology and examines behavior, growth, development and the well-being of individuals. The program offers students a comprehensive education in the content and method of the discipline. A variety of courses allow students to expand their intellectual horizons.

The curriculum also serves as an introduction to the helping professions for students planning to transfer to majors in Health Science, Human Services, Counseling, Social Work, Substance Abuse Counseling, and other majors.

Students who successfully complete the Associate of Arts degree in Psychology for Transfer will be guaranteed admission to a California State University. The AA degree in Psychology for Transfer meets the requirements for SB1440 for Associate Degrees for Transfer. The degrees were developed to ease the transfer process for students to the CSU.

This degree complies with The Student Transfer Achievement Reform Act (Senate Bill 1440). Information on which campuses accept this degree can be found at <http://www.sb1440.org/>.

Students who complete an ADT and transfer to a similar major at a CSU are guaranteed a pathway to finish their baccalaureate degrees in 60 semester or 90 quarter units. These degrees require students to meet both of the following requirements:

1. Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
 - a. The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth Requirements.
 - b. A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district and meeting the requirements of an approved transfer model curriculum.
2. Obtainment of a minimum grade point average of 2.0.

Program Learning Outcomes: Upon successful completion of this program, students will be able to...

- Practice and demonstrate skills and knowledge regarding ethics and professionalism in treatment and research.
- Address social, behavioral, historical, and cultural issues in treating and dealing with individuals and their adjustment in the workplace, family, community, and the global world.
- Apply critical thinking to investigate and interpret influences of heredity and environment in assessment, counseling, therapy, and research.
- Demonstrate and apply knowledge of biological issues as a major factor in Psychology.
- Read, evaluate, and incorporate knowledge of research in assessment of new and old information in the field.

Required courses	16
MATH 227	Statistics 4
PSYCH 001	General Psychology I 3
PSYCH 002	Biological Psychology 3
PSYCH 041	Life Span Psychology: From Infancy 3
PSYCH 074	Research Methods in Behavior Science 3

Elective units (chosen from the following)	3
PSYCH 013	Social Psychology 3
PSYCH 014	Abnormal Psychology 3
PSYCH 052	Psychological Aspects of Sexuality 3

Additional CSU GE or IGETC units **30-32**
(37-39 units, minus 7 major units that may be double-counted as GE)

CSU-transferable elective units **14-19**

TOTAL **60**

PSYCHOLOGY (AA)

MAJOR CODE: 2001.00

The Associate of Arts degree in Psychology includes coursework that aligns with specific lower-division major requirements for the Psychology major at various universities within the University of California (UC) and California State University (CSU) systems.

Students interested in transferring to a four-year college or university with a major in Psychology may also consider the Associate of Arts degree in Liberal Arts and Sciences (Behavioral and Social Sciences emphasis). Students are encouraged to visit the Transfer Center for complete information regarding transfer requirements for the institution of their choice. Students interested in transfer are also encouraged to consult the Counseling Office for individualized educational planning.

Degree and Certificate Program Descriptions

Professional opportunities for psychology majors include: counseling, social work, management, and public health. Psychology also provides valuable background for those seeking careers in such fields as law, medicine, nursing, and child development.

Required courses	10
PSYCH 001 General Psychology I	3
PSYCH 002 Biological Psychology	3
MATH 227 Statistics	4
Elective units, list A (chosen from the following)	9
PSYCH 013 Social Psych	3
PSYCH 014 Abnormal Psychology	3
PSYCH 041 Life Span Psychology: From Infancy	3
PSYCH 052 Psychological Aspects of Sexuality	3
Elective units, list B (chosen from the following)	3
ANTHRO 101 Human Biological Evolution	3
ANTHRO 102 Human Ways of Life: Cultural Anthropology	3
PHILOS 001 Intro to Philosophy	3
SOC 001 Intro to Sociology	3
Additional LACCD GE plan units (21 units, minus 6-9 major units that may be double-counted as GE)	12-15
Degree-applicable elective units	24-27
TOTAL	60

PUBLIC HEALTH

HEALTH SCIENCES DIVISION

(Also see any of the following health industry programs)

ADDICTION STUDIES
ALLIED HEALTH
DENTAL ASSISTING
DENTAL HYGIENE (BS)
HEALTH SCIENCE
MEDICAL ASSISTING
PARAMEDICINE

PUBLIC HEALTH (AS-T)

MAJOR CODE:

The Associate in Science in Public Health Science for Transfer (AS-T) degree provides a solid lower-division preparation for students who intend to transfer to a California State University (CSU) for a bachelor's degree in Health Science with Health Education option, Health Science with

Public Health option, Health Science with Community Health Option, Health Science with Health Promotion & Disease Prevention, Health Education, Public Health, Kinesiology with Health Education, Kinesiology with Health Science option, Kinesiology with Health and Wellness option, Kinesiology with Health Promotion and Disease Prevention and Collaborative Health and Human Services with Community Health option. This degree is designed to provide a clear pathway to a CSU and guarantee admissions to a CSU. Although, students are guaranteed admissions, it is not to any particular campus or program in the CSU system. This coursework will satisfy the lower division Associate in Science in Public Health Science for Transfer Degree requirements at some of the CSU campuses. Information on which campuses accept this degree can be found at <http://www.sb1440.org/>

This degree complies with The Student Transfer Achievement Reform Act (Senate Bill 1440). Information on which campuses accept this degree can be found at <http://www.sb1440.org/>.

Students who complete an ADT and transfer to a similar major at a CSU are guaranteed a pathway to finish their baccalaureate degrees in 60 semester or 90 quarter units. These degrees require students to meet both of the following requirements:

1. Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
 - a. The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth Requirements.
 - b. A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district and meeting the requirements of an approved transfer model curriculum.
2. Obtainment of a minimum grade point average of 2.0.

Program Learning Outcomes: Upon successful completion of this program, students will be able to...

- Describe public health as part of a larger inter-related system of organizations that influence the health of populations at local, national, and global levels.
- Applies knowledge of various approaches to improving population-based health
- Applies ethical principles in using (e.g., accessing, analyzing, using, maintaining, and disseminating) public health data and information
- Analyze, disseminate and integrate health research and statistics into health promotion.
- Describe the leading causes of morbidity, mortality, and health disparities.

Degree and Certificate Program Descriptions

AA-T Associate in Arts Degree for Transfer	CA Certificate of Achievement
AS-T Associate in Science Degree for Transfer	CN Certificate of Completion (noncredit)
AA Associate of Arts degree	CY Certificate of Competency (noncredit)
AS Associate of Science degree	SC Skills Certificate (non-transcribed)

Required courses	29-30
ALD HTH 103 Introduction to Public Health	3
ANATOMY 001 Introduction to Human Anatomy with Lab	4
BIOLOGY 003 Introduction to Biology	4
OR	
BIOLOGY 003A Introduction to Biology	3
AND	
BIOLOGY 003B Introduction to Biology Lab	1
CHEM 101 Introduction to General Chemistry	5
HEALTH 011 Personal Health and Wellness	3
MATH 227 Statistics	4
PHYSIOL 001 Introduction to Human Physiology with Lab	4
PSYCH 001 Introduction to Psychology	3
Elective units (chosen from the following)	3
ALD HTH 102 Health and Social Justice	3
ECON 001 Principles of Economics I	3
ECON 002 Principles of Economics II	3
FAM & CS 021 Nutrition	3
PSYCH 052 Psychological Aspects of Human Sexuality	3
SOC 001 Introduction to Sociology	3
Additional CSU GE or IGETC units	19-24
(37-39 units, minus 15-18 major units that may be double-counted as GE)	
CSU-transferable elective units	6-12
TOTAL	60

REAL ESTATE

BUSINESS DIVISION

REAL ESTATE (AA)

MAJOR CODE: 0511.00

The Associate of Arts degree in Real Estate is primarily designed for career and technical education and workforce training/development.

The curriculum is not aligned with course requirements for transfer to a specific major at a four-year college or university. The Associate of Arts degree in Real Estate is designed for the serious student who seeks a rewarding career as a real estate professional. The degree offers a vigorous academic program exploring all facets of the real estate profession.

Completion of the degree program fulfills the education requirements for the California Real Estate Broker's License.

NOTE: Students should verify broker's license requirements with the California State Department of Real Estate.

Program Learning Outcomes: Upon successful completion of this program, students will be able to...

- Utilize a network of real estate professionals to conduct and complete the sale, purchase and management of real estate processes and transactions.
- Use current and emerging technologies and applications to conduct real estate transactions.
- Interpret property and real estate law to troubleshoot legal aspects in selling, purchasing and management of real estate.
- Use of personal and business investment strategies and methods to advise clients and address customer needs.
- Market, manage and direct the daily activities of a successful real estate agency.
- Model effective and appropriate interactions and relationships that create good will and repeat business.
- Model, adopt, and comply with ethical and moral business practices that maintain and sustain trust and integrity in the workplace and with clients, pursuant to DRE regulations and requirements.
- Communicate oral and written thoughts in a clear and organized manner to effectively inform and convey ideas in the workplace and with clients.

Required courses	18
REAL ES 001 Real Estate Principles	3
REAL ES 003 Real Estate Practice	3
REAL ES 005 Legal Aspects of Real Estate I	3
REAL ES 007 Real Estate Finance I	3
REAL ES 009 Real Estate Appraisal I	3
REAL ES 021 Real Estate Economics	3
OR	
ECON 001 Principles of Economics	3

Elective units (chosen from the following)	12
BUS 005 Business Law	3
MGMT 002 Organization & Management Theory	3
REAL ES 004 Real Estate Office Administration	3
REAL ES 011 Escrow Principles	3
REAL ES 014 Property Management	3
REAL ES 018 Real Estate Investments I	3

Additional LACCD GE plan units **18**
(21 units, minus 3 major units that may be double-counted as GE)

Degree-applicable elective units **12**

TOTAL **60**