

Degrees & Certificates

Program Listings

Click the links below to view a list of courses required for a specific program. This list may not include General Education Requirements, Basic Competency Requirements, and Specific Area Requirements needed to attain a degree. For more extensive information, go to DegreeWorks in [WebSMART](#).

Filter Listings by Type

Show All
 Degrees
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 Certificates

Degree or Certificate Program (151)	Award Type	Units
ACCOUNTING		
Accounting	AA	60 units
Accounting	CA	22 units
Accounting Assistant	CS	8.5 units
Accounting Essentials for Business Professionals	CS	6 units
CPA Exam Prep: Auditing and Attestation (AUD)	CS	17 units
CPA Exam Prep: Business Environment and Concepts (BEC)	CS	16 units
CPA Exam Prep: Financial Accounting and Reporting (FAR)	CS	17 units
CPA Exam Prep: Regulation (REG)	CS	16 units
Enrolled Agent Exam Preparation	CS	17 units
Individual Tax Professional	CS	15.5 units
Personal Financial Planning	CS	6 units
Preparation for a Master's Degree in Accounting	CS	14 units
Preparation for a Master's Degree in Taxation	CS	14 units
Tax Preparer I	CS	9.5 units
Tax Preparer II	CS	17.5 units
ADDICTION STUDIES		
Addiction Studies	AA	60 units
Addiction Studies	CA	39 units
Co-Occurring Disorders	CS	15 units
ADMINISTRATION OF JUSTICE		
Administration of Justice	AS	60 units
Administration of Justice	AS-T	60 units
Administration of Justice	CA	24 units
Basic Police Academy (AJPS)	CA	22 units
ANTHROPOLOGY		
Anthropology	AA-T	60 units
ARCHITECTURE		

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Search Programs

Filter Listings by Keyword

Search for program by keyword

Filter Listings by First Letter

A	B	C	D	E	F	G	H	I	J	K	L
M	N	O	P	Q	R	S	T	U	V	W	
X	Y	Z	Show All								

Counseling & Advising Forms

- A.A./A.S. Degree Worksheet
- CSU-GE Worksheet
- IGETC Worksheet

Types of Programs

Certificates

Certificates are designed for students who wish to enhance a specific skill area or course of study. College of San Mateo offers two types of certificates:

- > Certificate of Achievement (18 units or more)
- > Certificate of Specialization (Fewer than 18 units, not state approved)

Units earned to meet certificate requirements may be applied toward the 60 units required for an AA or AS degree. In some cases certain certificates can be stacked into an Associates Degree.

AA and AS Degrees

The Associate in Arts Degree (AA) and the Associate in Science Degree (AS) are designed for students who want a two-year degree or plan to transfer to another college or university and work towards a bachelor's degree.

AA-T and AS-T Degrees

The Associate in Arts Degree for Transfer (AA-T) and the Associate in Science Degree for Transfer (AS-T) both provide a pathway to the California State University (CSU). Students awarded an AA-T or AS-T degree are guaranteed admission with Junior standing in the CSU system and given priority admission consideration to their local CSU campus or to a program that is deemed similar to their community college major. This priority does not guarantee admission to specific majors or campuses.

Other Instructional Programs

Architecture	AS	60 units
ART		
Art: Art History	AA	60 units
Art: Photography	AA	60 units
Fine Arts: General Studio Art	AA	60 units
Art History	AA-T	60 units
Studio Art	AA-T	60 units
Art History	CA	18 units
ASTRONOMY		
Astroimaging and Observatory Operation (AOC)	CA	27 - 31 units
BIOLOGY		
Biology	AS	60 units
Biology: Pre-Nursing	AS	60 units
Biology	AS-T	60 units
Nutrition and Dietetics	AS-T	60 units
Biotechnology	CS	10 - 11 units
BUILDING INSPECTION TECHNOLOGY		
Building Inspection	AS	60 units
Building Inspection	CA	34.5 - 36.5 units
Commercial Building Inspection	CS	13.5 units
Residential Building Inspection	CS	15 units
BUSINESS		
Business Administration, Option 1	AA	60 units
Business Administration, Option 2	AA	60 units
Business Information Processing Option 1: Microcomputer/Office Assistant	AA	60 units
Business Information Processing Option 2: Microcomputer/Data Base and Spreadsheet Functions	AA	60 units
Business Administration	AS-T	60 units
Business Information Processing Option 1: Microcomputer/Office Assistant	CA	21.5 - 23 units
Business Information Processing Option 2: Microcomputer/Data Base and Spreadsheet Functions	CA	24 units
Business Information Worker	CS	15 units
Entrepreneurship: From Idea to Success	CS	16.5 units
Office Assistant I	CS	8 - 9.5 units
Office Assistant II	CS	11 units
CHEMISTRY		
Chemistry	AS	60 units
COMMUNICATION STUDIES		
Communication Studies	AA	60 units
Communication Studies	AA-T	60 units
Communication Studies	CS	12 units
COMPUTER AND INFORMATION SCIENCE		
Computer Science Applications and Development	AS	60 units
Computer and Information Science	AS	60 units
Web and Mobile Application Development	AS	60 units
Computer Science Applications and Development	CA	30 - 34 units

- Emergency Medical Technician
- Firefighter I Academy
- POST (California Commission on Peace Officers Standards and Training)
- Technical Preparation - CTE Transitions

Web and Mobile Application Development	CA	32 - 35 units
C++ Programming	CS	8 units
Data Science and Big Data	CS	14 - 16 units
Database Programming	CS	14 - 15 units
DevOps	CS	17 units
Internet of Things (IoT) Programming	CS	15 units
Java Programming	CS	8 units
Web Programming	CS	14 - 17 units
Web/Mobile App Development	CS	15 units
COSMETOLOGY		
Cosmetology	AA	81 units
Cosmetology	CA	57 units
DENTAL ASSISTING		
Dental Assisting	AS	60 units
Dental Assisting	CA	33 units
DIGITAL MEDIA		
Digital Media: Broadcast and Electronic Media	AA	60 units
Digital Media: Graphic Design	AA	60 units
Digital Media: Web Design/Multimedia	AA	60 units
Film, Television, and Electronic Media	AS-T	60 units
Digital Media: Graphic Production	CA	21 units
Digital Media: Web Design/Multimedia	CA	18 units
Digital Media: Applied Audio and Video Production	CS	12 units
Digital Media: Broadcast and Electronic Media	CS	12 units
Digital Media: Web Design/Multimedia	CS	12 units
DRAFTING TECHNOLOGY		
CAD/Drafting Technology	AS	60 units
CAD/Drafting Technology	CA	18 units
Computer-Aided Design	CS	16.5 units
ECONOMICS		
Economics	AA-T	60 units
ELECTRICAL APPRENTICESHIP		
Apprenticeship: Electrical Technology: Inside Wireman	AS	60 units
Apprenticeship: Electrical Technology: Inside Wireman	CA	35 units
ELECTRONICS TECHNOLOGY		
Industrial Electronics Technology	AS	60 units
Electrical Technology: Electrical Power Systems and Instrumentation	CA	19 units
Advanced Electrical Power Systems and Instrumentation	CS	16 units
Electrical Technology: Electrical Power Systems and Instrumentation	CS	16 units
Fundamentals of Smart Building Systems	CS	15 units
Telecommunications Fundamentals	CS	8 units
ENGINEERING		
Engineering	AS	60 units
Engineering Technology: General	AS	60 units
ENGLISH		
English	AA	60 units
English	AA-T	60 units

English	AA	60 units
ETHNIC STUDIES		
Ethnic Studies	AA	60 units
Critical Pacific Islands and Oceania Studies	CA	18 - 20 units
Critical Pacific Islands and Oceania Studies	CS	15 - 16 units
FILM		
Film	AA	60 units
FIRE TECHNOLOGY		
Fire Technology	AS	60 units
Fire Technology	CA	33 - 35 units
GEOLOGY		
Geological Science	AS	60 units
Geology	AS-T	60 units
HISTORY		
History	AA-T	60 units
INTERDISCIPLINARY STUDIES		
Interdisciplinary Studies, Option 1: Intercultural Studies	AA	60 units
Interdisciplinary Studies, Option 2: Contemporary Issues	AA	60 units
Interdisciplinary Studies, Option 3: Science and Society	AA	60 units
KINESIOLOGY		
Dance	AA	60 units
Kinesiology	AA	60 units
Kinesiology	AA-T	60 units
Specialized Pilates Instructor	CA	18 - 21 units
Athletic Coaching	CS	9.5 - 11 units
Comprehensive Pilates Instructor	CS	13 units
Group Fitness Instructor	CS	6 units
Pilates Mat Instructor	CS	7 units
Pilates Mat and Reformer Instructor	CS	10 units
Yoga Instructor	CS	8 units
Yoga Teacher Training - 300 Hour	CS	14 units
MANAGEMENT		
Management: Business Management	AA	60 units
Management: Marketing Management	AA	60 units
Management: Retail Management	AA	60 units
Business Management	CA	24 units
Marketing Management	CA	24 units
Retail Management	CA	25 - 26 units
Facility Management	CS	16 - 17 units
Human Resources Management	CS	9 units
Project Management	CS	12 units
MATHEMATICS		
Mathematics	AS	60 units
Mathematics	AS-T	60 units
MUSIC		
Electronic Music	AA	60 units
Music	AA	60 units

Music	AA-T	60 units
Electronic Music	CA	21 units
NURSING		
Nursing	AS	78.5-79.5 units
PHILOSOPHY		
Philosophy	AA-T	60 units
PHYSICAL SCIENCE		
Physical Science	AS	60 units
PHYSICS		
Physics	AS	60 units
Physics	AS-T	60 units
POLITICAL SCIENCE		
Political Science	AA-T	60 units
PSYCHOLOGY		
Psychology	AA-T	60 units
Psychology: Pre-Counseling	CS	6 units
REAL ESTATE		
Real Estate	AA	60 units
Real Estate Salesperson	CS	9 units
SOCIAL SCIENCE		
Social Science	AA	60 units
SOCIOLOGY		
Sociology	AA-T	60 units
SPANISH		
Spanish	CS	12 units
UNIVERSITY TRANSFER		
University Transfer Option 1: California State University General Education Certification (CSUGE)	CA	39 units
University Transfer Option 2: Intersegmental General Education Transfer Curriculum Certification for CSU (IGETC/CSU)	CA	37 units
University Transfer Option 3: Intersegmental General Education Transfer Curriculum Certification for UC (IGETC/UC)	CA	34 units