



## Discipline and Program Offerings

AA: Associate in Arts Degree  
CA: Certificate of Achievement  
CP: Certificate of Proficiency

<b>Accounting</b> .....	<b>66</b>		
Accounting (AA, CA)			
Bookkeeping/Accounting Clerk (CP)			
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Administration of Justice – Homeland Security (AA)			
Administration of Justice – Investigations (AA)			
Administration of Justice – Law Enforcement (AA)			
Basic Police Academy (CA)			
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Archaeological Surveyor and Lab Assistant (CA)			
Archaeology (AA)			
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Acoustical Installer (AA, CA)			
Carpentry (AA, CA)			
Drywall/Lather (AA, CA)			
Electrician (AA, CA)			
Inside Wireman (AA, CA)			
Sheet Metal (AA, CA)			
Sound and Communication Systems Installer (AA, CA)			
Sound Technician (AA, CA)			
<b>Arabic</b> .....	<b>91</b>		
<b>Art</b> .....	<b>91</b>		
Digital Animation, Compositing and Music (CP)			
Graphic Design (AA)			
Illustration (AA)			
Interactive Media Design			
Emphasis in 3D Modeling and Animation (AA, CA)			
Emphasis in Multimedia Design (AA, CA)			
Pictorial Arts			
Emphasis in Painting (AA)			
Emphasis in Printmaking (AA)			
Three-Dimensional Arts			
Emphasis in Ceramics (AA)			
Emphasis in Crafts (AA)			
Emphasis in Glass (AA)			
			Emphasis in Jewelry and Metalsmithing (AA)
			Emphasis in Sculpture (AA)
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Auto Chassis and Drive Lines (AA, CA)			
Electronic Tune-Up/Computer Control Systems (AA, CA)			
Mechanics – General (AA, CA)			
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Computer Network Administration (AA)			
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Emphasis in Cisco and Linux Management			
Emphasis in Cisco and Microsoft Management			
Computer Science (AA, CA)			
Desktop Support Specialist (CP)			
Information Systems (AA, CA)			

Linux Operating System (CP)	
Microsoft SQL Database Administrator (CP)	
Microsoft Office User Specialist (CP)	
Network Engineer (CP)	
Oracle Database (CP)	
Video Game Artist (CP)	
Video Game Specialist (CP)	
Visual Basic (CP)	
Voice and Data Cable Installer (CP)	
Web Developer	
Emphasis in Java/Open Source (CP)	
Emphasis in Windows (CP)	
Web Server Administrator	
Emphasis in Linux (CP)	
Emphasis in Windows (CP)	
<b>Computer Science and Information Systems (ROP) .....</b>	<b>252</b>
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Computer Technology (AA, CA)	
Microcomputer Operating Systems (CP)	
Microcomputer Technology (CP)	
PC Repair Technician (CP)	
PC Support Technician (CP)	
Software Applications Specialist (CP)	
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Digital Arts (CP)	
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Digital Media (CP)	
Digital Prepress Operator (CP)	
Digital Publishing (CP)	
Digital Video (AA, CA)	
E-Commerce Design (CP)	
Electronic Publisher (CP)	

Graphic Communications Emphasis in Electronic Publishing (AA, CA)	
Graphic Communications Emphasis in Management (AA, CA)	
Graphic Communications Emphasis in Production (AA, CA)	
Interactive Media Design	
Emphasis in 3D Modeling and Animation (AA, CA)	
Emphasis in Multimedia Design (AA, CA)	
Interactive Web Multimedia and Audio (AA, CA)	
Internet	
Emphasis in Business Education (AA, CA)	
Emphasis in Graphic Communication (AA, CA)	
Internet Publisher (CP)	
New Media Compositing, Authoring, and Distribution (AA, CA)	
Screen Printer (CP)	
Screen Printing (AA, CA)	
Video Game Artist (CP)	
Web Data Base Design (CP)	
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Basic Education	
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Health and Safety Education	
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Data Entry Clerk (CP)	
International Administrative Assistant (AA, CA)	
Legal Secretary (AA, CA)	
Medical Office Specialist (AA, CA)	
Medical Transcriptionist (AA, CA)	
Office Assistant (CP)	
Receptionist (CP)	
Virtual Assistant (CP)	
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Digital Imaging (AA, CA)	
Fine Art Photography (CP)	
Photography (AA, CA)	
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 Automotive Technology (ROP)  
 Computer Science and Information Systems (ROP)  
 Culinary Arts (ROP)  
 Diesel Mechanics Technology (ROP)  
 Drafting Technology (ROP)  
 Graphic Communications (ROP)  
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 Welding Technology (AA, CA)

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 Women’s Studies (AA)

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## Course Information

Students are held responsible for understanding and fulfilling all requirements presented herein, and for understanding and fulfilling any changes in those requirements which may have occurred since the printing of the catalog. Students are advised to check at the division or department levels for these changes.

### Course Numbering System

Palomar College operates on a semester system. The course numbering system has meaning with regard to level and transfer. The college numbering system, effective summer 1990, is as follows:

1 – 49: Remedial or college preparatory courses which do not apply toward an A.A. degree and which are not intended for transfer to another community college or four-year college or university.

50 – 99: Courses which apply toward an AA degree but which are not intended for transfer to a four-year college or university.

100 – 299: Courses which count toward an AA degree and/or are intended for transfer to a four-year college or university (refer to Transfer Identification below). Freshman-level courses are generally given numbers from 100 – 199, and sophomore-level courses are generally given numbers from 200 – 299.

Courses numbered 100 through 299 are intended as lower division transferable course work. The final decision in regard to transferability rests with the institution to which the credits are transferred.

Numbers in parentheses indicate the units granted for a course.

### Transfer Identification

Courses at Palomar College which transfer to public four-year universities in California are identified at the beginning of each course description with the abbreviation CSU and/or UC.

The notation CSU means the course will transfer to the 23 campuses of the California State University system.

The notation UC means the course will transfer to the 9 campuses of the University of California system.

### California Articulation Number (CAN) System

The California Articulation Number System is one of several intersegmental projects designed to aid students in transferring between California's higher education campuses without loss of time, credit, or duplication of effort. The CAN system is a statewide numbering system independent from course numbers assigned by local colleges.

A CAN number signals that participating California colleges and universities have determined that courses offered by other campuses are equivalent in content and scope to courses offered on their own campuses, regardless of their unique titles or local identifying numbers. Thus, if a schedule of classes or catalog lists a course bearing a CAN number, students on one campus can be assured that it will be accepted in lieu of the comparable CAN course noted in the catalog or schedule of classes of another campus.

The CAN numbering system is obviously useful for students attending more than one community college and is applied to many transferable, lower-division courses students need as preparation for their intended major. Because these CAN courses may change, students should always check with their campus' counselors.

Students should consult the ASSIST database at [www.assist.org](http://www.assist.org) for specific information on course agreements. The college counseling staff will help students interpret this information.

### CAN Courses

Following is a list of Palomar College courses qualified in the CAN system at the time of catalog publication (subject to change).

<u>Palomar College Course</u>	<u>CAN Course</u>
ACCT 103+104	CAN BUS 2
ACCT 108	CAN BUS 4
ACCT 103+104+108	CAN BUS SEQ A
AJ 100	CAN AJ 2
ANTH 100	CAN ANTH 2
ANTH 105	CAN ANTH 4
ANTH 110	CAN ANTH 6
ART 102	CAN ART 8
ART 104	CAN ART 14
ART 105	CAN ART 16
ART 120	CAN ART 24
ART 130	CAN ART 20
ART 135	CAN ART 6
ART 165	CAN ART 2
ART 166	CAN ART 4
ART 165+166	CAN ART SEQ A
ART 220	CAN ART 10
ART 260	CAN ART 12
BIOL 100 or 101+101L	CAN BIOL 2
BOT 100	CAN BIOL 6
BUS 115	CAN BUS 8
BUS 117	CAN BUS 12
CHEM 100	CAN CHEM 6
CHEM 105	CAN CHEM 8
CHEM 100+105	CAN CHEM SEQ B
CHEM 110+110L	CAN CHEM 2
CHEM 115+115L	CAN CHEM 4
CHEM 110+110L+115+115L	CAN CHEM SEQ A
CHEM 210	CAN CHEM 12
CHIN 101+102	CAN CHIN SEQ A
COMM 100	CAN JOUR 4
CSIS 220	CAN CSCI 12
ECON 101	CAN ECON 2
ECON 102	CAN ECON 4
ENG 100	CAN ENGL 2
ENG 205	CAN ENGL 4
ENG 100+205	CAN ENGL SEQ A
ENG 210	CAN ENGL 8
ENG 211	CAN ENGL 10
ENG 210+211	CAN ENGL SEQ B
ENG 225	CAN ENGL 14
ENG 226	CAN ENGL 16

<u>Palomar College Course</u>	<u>CAN Course</u>	<u>Palomar College Course</u>	<u>CAN Course</u>
ENG 225+226	CAN ENGL SEQ C	MICR 200	CAN BIOL 14
ENGR 210	CAN ENGR 12	MUS 105	CAN MUS 2
ENGR 235	CAN ENGR 8	MUS 106	CAN MUS 4
ENGR 245	CAN ENGR4	MUS 105+106	CAN MUS SEQ A
FASH 105	CAN FCS 20	PHIL 100	CAN PHIL 4
FASH 110	CAN FCS 6	PHIL 101	CAN PHIL 2
FCS 165 OR HE 165	CAN FCS 2	PHIL 120	CAN PHIL 6
FREN 101	CAN FREN 2	PHOT 100	CAN ART 18
FREN 102	CAN FREN 4	PHYS 120	CAN PHYS 2
FREN 101+102	CAN FREN SEQ A	PHYS 121	CAN PHYS 4
FREN 201	CAN FREN 8	PHYS 120+121	CAN PHYS SEQ A
FREN 202	CAN FREN 10	PHYS 230	CAN PHYS 8
FREN 201+202	CAN FREN SEQ B	PHYS 231	CAN PHYS 12
GEOG 100	CAN GEOG 2	PHYS 232	CAN PHYS 14
GEOG 105	CAN GEOG 4	PHYS 230+231+232	CAN PHYS SEQ B
GEOL 100	CAN GEOL 6	PSYC 100	CAN PSY 2
GEOL 100+100L	CAN GEOL 2	PSYC 205 OR SOC 205	CAN PSY 6
GERM 101	CAN GERM 2	PSYC 210	CAN PSY 10
GERM 102	CAN GERM 4	SOC 100	CAN SOC 2
GERM 101+102	CAN GERM SEQ A	SOC 110	CAN SOC 4
GERM 201	CAN GERM 8	SPAN 101	CAN SPAN 2
GERM 202	CAN GERM 10	SPAN 102	CAN SPAN 4
GERM 201+202	CAN GERM SEQ B	SPAN 101+102	CAN SPAN SEQ A
HIST 101	CAN HIST 8	SPAN 201	CAN SPAN 8
HIST 102	CAN HIST 10	SPAN 202	CAN SPAN 10
HIST 101+102	CAN HIST SEQ B	SPAN 201+202	CAN SPAN SEQ B
HIST 105	CAN HIST 2	SPCH 100	CAN SPCH 4
HIST 106	CAN HIST 4	SPCH 105	CAN SPCH 6
HIST 105+106	CAN HIST SEQ A	SURV 100+101	CAN ENGR 10
JAPN 101+102	CAN JAPN SEQ A	ZOO 100	CAN BIOL 4
JOUR 101	CAN JOUR 2	ZOO 200	CAN BIOL 10
MATH 100	CAN MATH 2	ZOO 203	CAN BIOL 12
MATH 105	CAN MATH 4	ZOO 200+203	CAN BIOL SEQ B
MATH 110	CAN MATH 10		
MATH 115	CAN MATH 8		
MATH 120	CAN STAT 2		
MATH 130	CAN MATH 30		
MATH 135	CAN MATH 16		
MATH 140	CAN MATH 18		
MATH 141	CAN MATH 20		
MATH 140+141	CAN MATH SEQ B		
MATH 200	CAN MATH 26		
MATH 205	CAN MATH 22		
MATH 140+141+205	CAN MATH SEQ C		
MATH 206	CAN MATH 24		

## Accounting (ACCT) See also Business Education

Contact the Business Education Department for further information, (760) 744-1150, ext. 2488.

Associate in Arts degree requirements, Certificate of Achievement requirements, and Certificate of Proficiency requirements are listed in Section 6 (green pages) of the catalog.

### PROGRAMS OF STUDY

#### Accounting

Equips students with the skills necessary for employment as a full charge bookkeeper or an accounting technician.

#### A.A. DEGREE MAJOR OR CERTIFICATE OF ACHIEVEMENT

Program Requirements	Units
ACCT 103 Financial Accounting	4
ACCT 104 Acct Spreadsheet Lab	1
ACCT 105 and Income Tax	3
ACCT 106 or State Income	1
ACCT 107 Taxation of Business Entities	4
ACCT 108 Managerial Accounting	4
ACCT 110 QuickBooks	2
ACCT 115 Sales/Payroll Tax/and Employee Benefits	2
ACCT 120 Financial Statement Analysis	3
BUS 110 Business Mathematics	3
BUS 115 Business Law	3
BUS 125 Business English, or	
BUS 205 Business Writing	3
CSIS 105 Computer Concepts/Microcomputer Applications, or	
CSIS/R CSIS 120 Microcomputer Applications	3
<b>TOTAL UNITS</b>	<b>32</b>

*Recommended Electives: BUS 100, 116, 140; OIS 101, 115; CE 100*

#### Bookkeeping/Accounting Clerk

Provides a program to prepare the student for an entry-level Bookkeeping/Accounting Clerk position.

#### CERTIFICATE OF PROFICIENCY

Program Requirements	Units
ACCT 103 and Financial Accounting	4
ACCT 104 or Acct Spreadsheet Lab	1
BUS 105 Bookkeeping Fundamentals	3
ACCT 110 QuickBooks	2
ACCT 115 Sales Tax, Payroll Taxes, and Employee Benefits	2
<b>TOTAL UNITS</b>	<b>7 - 9</b>

#### COURSE OFFERINGS

<b>ACCT 103 Financial Accounting</b> (4)
<i>4 hours lecture</i>
<b>Corequisite:</b> ACCT 104
<b>Transfer acceptability:</b> CSU; UC; ACCT 103+104=CAN BUS 2
Financial accounting theory, principles, and procedures. Application of theory and practice to the accounting cycle and to systems design. An emphasis on both the preparer and the information user will be stressed.

<b>ACCT 104 Accounting Spreadsheet Laboratory</b> (1)
<i>2 hours lecture/laboratory</i>

**Corequisite:** ACCT 103

**Transfer acceptability:** CSU; ACCT 103+104=CAN BUS 2

Application of fundamental spreadsheet concepts, principles, and commands in working with templates and modeling problems in accounting principles.

<b>ACCT 105 Income Tax</b> (3)
<i>3 hours lecture</i>

**Transfer acceptability:** CSU

Instruction on income tax legislation and procedure, income tax problems, and practice in completing forms as required by the Internal Revenue Service.

<b>ACCT 106 State Income Tax</b> (1)
<i>1 hour lecture</i>

**Prerequisite:** Completion of, or concurrent enrollment in, ACCT 105

**Transfer acceptability:** CSU

A study of the major differences between the State and Federal income tax regulations.

<b>ACCT 107 Taxation of Business Entities</b> (4)
<i>4 hours lecture</i>

**Transfer acceptability:** CSU

Taxation from a business entities approach including business deductions, losses, property transactions, and tax credits. Topics will include rules related to corporations, partnerships, and S corporations.

<b>ACCT 108 Managerial Accounting</b> (4)
<i>4 hours lecture</i>

**Prerequisite:** ACCT 103

**Transfer acceptability:** CSU; UC; CAN BUS 4

Accounting theory, principles, and procedures for financial statement analysis, decentralized operations, cost concepts, cost accounting, budgeting, standard costing, cost profit volume analysis, accounting control, differential analysis, capital budgeting, variable and absorption costing, responsibility accounting, capital investment analysis, and income taxes.

<b>ACCT 110 QuickBooks</b> (2)
<i>4 hours lecture/laboratory</i>

**Prerequisite:** ACCT 103 or 203, or BUS 105

**Transfer acceptability:** CSU

Applying the computer in the study of accounting principles with emphasis on planning and analysis. Students prepare data and enter accounting transactions, which are used as input for QuickBooks Pro in order to yield the various accounting statements as output.

<b>ACCT 115 Sales Tax, Payroll Taxes, and Employee Benefits</b> (2)
<i>2 hours lecture</i>

**Transfer acceptability:** CSU

Provides the students with a knowledgeable background in all phases and aspects of sales tax and payroll accounting. Surveys the various tax procedures required by the employer and employee in filing the correct forms for social security, and federal and state income tax returns. Worker's compensation and state disability benefits will be discussed, as well as pensions, health plans, vacation and sick leave, and other employee benefits.

<b>ACCT 120 Analysis of Financial Statements</b> (3)
<i>3 hours lecture</i>

**Prerequisite:** ACCT 103

**Transfer acceptability:** CSU

Exploration of the characteristics of financial statements and analysis of reported results from such statements. How to apply ratios to financial statements and to interpret outcomes in order to draw various inferences and/or conclusions from the results.

**ACCT 197 Accounting Topics (.5-4)**  
 Units awarded in topics courses are dependent upon the number of hours required of the student. Any combination of lecture, laboratory, or lecture/laboratory may be scheduled by the department. Refer to Class Schedule.  
**Note:** May be taken 4 times  
**Transfer acceptability:** CSU  
 Topics in Accounting. See Class Schedule for specific topic offered. Course title will designate subject covered.

**ACCT 203 Survey of Accounting (4)**  
 4 hours lecture  
**Corequisite:** ACCT 204  
**Transfer acceptability:** CSU  
 Introduction to the core primary accounting areas: financial, managerial, taxation, auditing, and accounting information systems. Each area is introduced in terms of its background, conceptual basis, and application in the business environment.

**ACCT 204 Financial/Managerial Accounting Spreadsheet Lab (1)**  
 2 hours lecture/laboratory  
**Corequisite:** ACCT 203  
**Transfer acceptability:** CSU  
 Application of fundamental spreadsheet concepts, principles, and commands in working with templates and modeling problems in financial and managerial accounting problems.

**ACCT 205 Cost Accounting (3)**  
 3 hours lecture  
**Prerequisite:** ACCT 108  
**Transfer acceptability:** CSU  
 A study of the fundamental principles of cost accounting, including the elements of production costs, cost estimations, byproducts and joint products, spoilage and scrap materials, and systems of cost distribution such as standard cost, job order, and process flow.

## Administration of Justice (AJ)

Contact Public Safety Programs for further information, (760) 744-1150, ext. 1722. For transfer information, consult a Palomar College counselor.

Associate in Arts degree requirements, Certificate of Achievement requirements, and Certificate of Proficiency requirements are listed in Section 6 (green pages) of the catalog.

### PROGRAMS OF STUDY

#### Administration of Justice – General

This program prepares students for a career in the criminal justice system or private security services. The program will give students general knowledge and skills in theory, principles, and techniques of law enforcement agencies and private security services.

##### A.A. DEGREE MAJOR\*

Program Requirements	Units
AJ 100 Introduction To Criminal Justice	3
AJ 101 Criminal Evidence	3
AJ 102 Criminal Procedures	3
AJ 103 Community Relations	3
AJ 104 Criminal Law	3
AJ 106 Police Ethics	3
AJ 180 Criminology	3
AJ 280 Internship - A Service Learning Experience	3
<b>Electives (Select 12 units)</b>	
AJ 50 POST Perishable Skills	.5
AJ 51 First Aid/CPR Update	.5
AJ 52 Racial Profiling	.5
AJ 53 Instructor Development	2.5

AJ 65	Preparation for Law Enforcement	3
AJ 72	Police Academy Orientation and Leadership	3
AJ 97	Topics In Administration Of Justice	.5 - 20
AJ 140	Criminal Justice in the 21ST Century Field Study	1.5
AJ 175	Narcotics	3
AJ 197	Topics In Administration Of Justice	.5 - 6
CHEM 109	Forensic Chemistry	3

**TOTAL UNITS 36**

**\*Administration of Justice – General A.A. Degree Major pending approval by Chancellor’s Office at time of catalog publication.**

#### Administration of Justice - Homeland Security

This program prepares students for a career in the public or private job sector providing security services to institutions, government entities (Department of Homeland Security and Transportation Security Administration), and the general public. This program will give students general knowledge and skills of Homeland Security.

##### A.A. DEGREE MAJOR\*

Program Requirements	Units
AJ 100 Introduction To Criminal Justice	3
AJ 101 Criminal Evidence	3
AJ 102 Criminal Procedures	3
AJ 103 Community Relations	3
AJ 104 Criminal Law	3
AJ 106 Police Ethics	3
AJ 151 Introduction to Terrorism	3
AJ 152 Weapons of Mass Destruction	3
AJ 153 Issues in Homeland Security	3
AJ 180 Criminology	3
AJ 280 Internship - A Service Learning Experience	3

**TOTAL UNITS 33**

It is recommend that a student working towards an associate degree in Homeland Security take two of the following courses: POSC 110; SOC 110; and/or PSYC 120.

**\*Administration of Justice – Homeland Security A.A. Degree Major pending approval by Chancellor’s Office at time of catalog publication.**

#### Administration of Justice – Investigations

This program prepares students for a career in the public or private sector providing general knowledge and skills in theory, principles, and techniques of forensic science and investigation in the criminal justice system.

##### A.A. DEGREE MAJOR\*

Program Requirements	Units
AJ 100 Introduction To Criminal Justice	3
AJ 101 Criminal Evidence	3
AJ 102 Criminal Procedures	3
AJ 103 Community Relations	3
AJ 104 Criminal Law	3
AJ 106 Police Ethics	3
AJ 110 Basic Criminal Investigation	3
AJ 141 Enforcement Psychology	3
AJ 180 Criminology	3
AJ 210 Basic Crime Scene Forensic Science	3
AJ 211 Fingerprint Identification	3
AJ 280 Internship - A Service Learning Experience	3

**TOTAL UNITS 36**

**\*Administration of Justice – Investigations A.A. Degree pending approval by Chancellor's Office at time of catalog publication.**

## Administration of Justice–Law Enforcement

This program prepares students with the general knowledge and skills required for a career in municipal and county law enforcement as a sworn peace officer.

### A.A. DEGREE MAJOR

Program Requirements		Units
AJ 100	Introduction to Criminal Justice	3
AJ 101	Criminal Evidence	3
AJ 102	Criminal Procedures	3
AJ 103	Community Relations	3
AJ 104	Criminal Law	3
AJ 106	Police Ethics	3
AJ 115	Patrol Procedures	3
AJ 131	Juvenile Justice	3
AJ 141	Enforcement Psychology	3
AJ 180	Criminology	3
AJ 280	Internship – A Service Learning Experience	3
<b>TOTAL UNITS</b>		<b>33</b>

## Basic Police Academy

The Basic Police Academy Certificate of Achievement is a series of courses which when combined satisfy mandated training requirements for a California Basic Peace Officers Standards and Training (P.O.S.T.) certificate. The program is certified and prepares the student for work as a law enforcement officer in the State of California.

Admission to the program is by special application. To be eligible for consideration, the applicant must (1) be free of felony conviction or conviction of a misdemeanor which prohibits possession of a firearm, (2) be eligible for English 50, (3) possess a valid driver's license, (4) pass written, oral and physical fitness examinations, (5) pass a medical examination, (6) be 18 years old, and (7) pass Department of Justice clearance.

In addition to passing the required college examinations, the student must obtain passing scores on each P.O.S.T. Learning Domain Examination, and all skills/lab portions of the Academy.

Each block must be completed in sequential order within the same Academy.

### CERTIFICATE OF ACHIEVEMENT

Program Requirements		Units
AJ 90	Basic Police Academy I	20
AJ 91	Basic Police Academy II	18.5
AJ 92	Basic Police Academy III	19
<b>TOTAL UNITS</b>		<b>57.5</b>

### COURSE OFFERINGS

Courses numbered under 100 are not intended for transfer credit.

<b>AJ 50</b>	<b>POST Perishable Skills</b>	<b>(.5)</b>
<i>1½ hours laboratory</i>		
<b>Prerequisite:</b> Must be an active full time peace officer or active duty reserve peace officer and currently employed by a law enforcement agency.		
<b>Recommended preparation:</b> Law enforcement field experience		
<b>Note:</b> Credit/No Credit grading only; may be taken 4 times		
A POST-approved perishable skills course for active full time peace officers or active reserve peace officers that are currently employed by a law enforcement agency. This course covers tactical firearms, driver training/awareness, arrest and control, tactical communications, and interpersonal communication skills. This course meets the POST Continuing Professional Training (CPT) requirements.		

<b>AJ 51</b>	<b>First Aid/CPR Update</b>	<b>(.5)</b>
<i>½ hour lecture</i>		
<b>Prerequisite:</b> Must be an active full time peace officer or active reserve peace officer and currently employed by a law enforcement agency.		
<b>Note:</b> Credit/No Credit grading only; may be taken 4 times		
A POST-approved perishable skills course for active full time peace officers or active reserve peace officers that are currently employed by a law enforcement agency. This course is an overview of emergency medical care terminology and procedures required for peace officers when responding to victims where assessment of treatment and possible basic life support maneuvers will be required.		

<b>AJ 52</b>	<b>Racial Profiling</b>	<b>(.5)</b>
<i>½ hour lecture</i>		
<b>Prerequisite:</b> Must be an active full time peace officer or active reserve peace officer and currently employed by a law enforcement agency		
<b>Note:</b> Credit/No Credit grading only; may be taken 4 times		
A POST-approved course for active full time peace officers or active reserve peace officers that are currently employed by a law enforcement agency. This course clarifies what constitutes racial profiling, conceptually and legally.		

<b>AJ 53</b>	<b>Instructor Development</b>	<b>(2.5)</b>
<i>2½ hours lecture</i>		
<b>Prerequisite:</b> Must have successfully completed a POST Certified Basic Police Academy, and/or is a subject matter expert on a topic that is taught in the Basic Course		
<b>Note:</b> Credit/No Credit grading only; may be taken 4 times		
A POST-approved course that is designed to develop competency in the following areas: role and responsibility of the basic course instructor, adult learning principles, lesson planning, presentation skills, facilitation skills, learning resources and evaluation methods. This program consists of 40 hours of instruction and competency demonstration.		

<b>AJ 65</b>	<b>Preparation for Law Enforcement</b>	<b>(3)</b>
<i>3 hours lecture</i>		
<b>Note:</b> Credit/No Credit grading only		
This course will provide an educational overview of the hiring process of law enforcement agencies and prepare the serious candidate for law enforcement employment to successfully complete the pre-employment testing and screening process. It will take the student from the written test all the way through to the oral interview.		

<b>AJ 72</b>	<b>Police Academy Orientation and Leadership</b>	<b>(3)</b>
<i>3 hours lecture</i>		
<b>Note:</b> Credit/No Credit grading only		
The development of critical thinking and physical fitness skills that lead to successful completion of the Police Academy program.		

<b>AJ 75</b>	<b>Spanish for Law Enforcement</b>	<b>(3)</b>
<i>3 hours lecture</i>		
Basic conversational Spanish with emphasis on law enforcement situations.		

<b>AJ 90</b>	<b>Basic Police Academy I</b>	<b>(20)</b>
<i>18½ hours lecture; 4½ hours laboratory</i>		
<b>Note:</b> May not be taken for Credit/No Credit Grading. May be taken 4 times.		
Block I of the Basic Police Academy Certificate of Achievement is a series of major objectives which when combined satisfy mandated training requirements for California Basic Peace Officers Standards and Training (P.O.S.T.) certificate. The program is certified and prepares the student for work as a law enforcement officer in the State of California.		

<b>AJ 91</b>	<b>Basic Police Academy II</b>	<b>(18.5)</b>
<i>15½ hours lecture; 9 hours laboratory</i>		
<b>Prerequisite:</b> Successful completion of AJ 90 with 'C' or better.		
<b>Note:</b> May not be taken for Credit/No Credit Grading. May be taken 4 times.		
Block 2 of the Basic Police Academy Certificate of Achievement is a continuation in a series of major objectives which when combined satisfy mandated training requirements for California Basic Peace Officers Standards and Training (P.O.S.T.) certificate. The program is certified and prepares the student for work as a law enforcement officer in the State of California.		

- AJ 92 Basic Police Academy III (19)**  
 16 hours lecture; 9 hours laboratory  
**Prerequisite:** Successful completion of AJ 91 with 'C' or better.  
**Note:** May not be taken for Credit/No Credit Grading. May be taken 4 times.  
 Block 3 of the Basic Police Academy Certificate of Achievement is the culmination of a series of major objectives which when combined satisfy mandated training requirements for California Basic Peace Officers Standards and Training (P.O.S.T.) certificate. The program is certified and prepares the student for work as a law enforcement officer in the State of California.
- AJ 97 Topics in Administration of Justice (.5 - 20)**  
 Units awarded in topics courses are dependent upon the number of hours required of the student. Any combination of lecture, laboratory or lecture/laboratory may be scheduled by the department. Refer to class schedule.  
**Note:** May not be taken for Credit/No Credit Grading. May be taken 4 times.  
 Topics in Administration of Justice. See Class Schedule for specific topic offered. Course title will designate subject covered.
- AJ 100 Introduction to Criminal Justice (3)**  
 3 hours lecture  
**Transfer acceptability:** CSU; UC; CANAJ 2  
 A comprehensive overview of the American Criminal Justice System. History, theories, and philosophy of the three parts of the criminal justice system including law enforcement, courts, and corrections. Relevant sociological and economic issues, past and present, will be addressed.
- AJ 101 Criminal Evidence (3)**  
 3 hours lecture  
**Transfer acceptability:** CSU  
 The kinds and degrees of evidence and the rules governing the admissibility of evidence in court.
- AJ 102 Criminal Procedures (3)**  
 3 hours lecture  
**Transfer acceptability:** CSU  
 Review of the criminal justice system; criminal procedures from incident to final disposition; principles of constitutional, federal, and state laws as they apply to, and affect the administration of justice.
- AJ 103 Community Relations (3)**  
 3 hours lecture  
**Transfer acceptability:** CSU; UC  
 A study of the role of law enforcement and justice system participants. The expectations and interrelationships between the various agencies and the public view/role toward establishing positive relationships. An overview of communication skills and the interaction between the criminal justice system and the multicultural society will be presented. Hate crimes, as well as prejudice, bias, and discrimination will be addressed.
- AJ 104 Criminal Law (3)**  
 3 hours lecture  
**Transfer acceptability:** CSU; UC  
 Historical development, philosophy, and constitutional provisions of law. Definitions, classification of crimes, study of case law, and concepts of the law as a social force.
- AJ 106 Police Ethics (3)**  
 3 hours lecture  
**Transfer acceptability:** CSU  
 Designed to enable the student to explore and understand the potential ethical dilemmas that may confront administration of justice professionals. Morality, ethics, justice and law will be studied from the perspective of a criminal justice professional.
- AJ 110 Basic Criminal Investigation (3)**  
 3 hours lecture  
**Transfer acceptability:** CSU  
 Fundamentals of investigation, search, collection and preservation of physical evidence, scientific aids, modus operandi, source of information, interviews and interrogations, and incident reporting.
- AJ 115 Patrol Procedures (3)**  
 3 hours lecture  
 Responsibilities, techniques, and methods of police patrol.
- AJ 131 Juvenile Justice (3)**  
 3 hours lecture  
 The organization, functions, and jurisdiction of juvenile agencies; the processing and detention of juveniles; juvenile case disposition; juvenile statutes and court procedures. Includes youth subcultures and delinquency and the varied philosophies underlying their existence.
- AJ 140 Criminal Justice in the 21st Century—Field Study (1.5)**  
 4½ hours laboratory  
**Note:** May be taken 4 times  
 This course will be a study of local, state and federal courts, correctional institutions and law enforcement agencies. Knowledge will be obtained by site visitations, personal interviews and tours.
- AJ 141 Enforcement Psychology (3)**  
 3 hours lecture  
 Designed to assist the peace officer's understanding of the psychological dilemma of law enforcement. Victimology, diversity, politics, and the tactical aspect of the criminal justice system will be evaluated from a psychological perspective.
- AJ 151 Introduction to Terrorism (3)**  
 3 hours lecture  
 This course is designed to educate the student in the enforcement issues and future of terrorism around the world. Domestic and international terrorism will be covered. This course will assist the student in obtaining employment in the field of Law Enforcement and Homeland Security.
- AJ 152 Weapons of Mass Destruction (3)**  
 3 hours lecture  
 A description of actions required in response to a Weapons of Mass Destruction (WMD) event. Instructions for all levels of responders. Discussions include early warning systems, intelligence gathering, roles of various law enforcement agencies, public health threats, and identification of terrorist individuals and groups.
- AJ 153 Issues in Homeland Security (3)**  
 3 hours lecture  
 A description of the Homeland Security Agency, its mission, structure and roles. Discussions include future planning and strategies that address intelligence gathering and assessment of information from domestic and international threats.
- AJ 175 Narcotics (3)**  
 3 hours lecture  
 A survey of laws and specific characteristics pertaining to hallucinogens, narcotics, marijuana, alcohol, and poisonous substances. It is designed to give the student conceptual insight into contemporary problems of vice, drugs, and legal social issues related to dangerous drugs.
- AJ 180 Criminology (3)**  
 3 hours lecture  
**Transfer acceptability:** CSU  
 A general study of crime, the science of crime and criminal behavior, the forms of criminal behavior and the causes of crime. Crime theories and sociological causes of crime, types of crime, and issues of criminal behavior will also be addressed.
- AJ 197 Topics in Administration of Justice (.5-6)**  
 Units awarded in topics courses are dependent upon the number of hours required of the student. Any combination of lecture, laboratory, or lecture/laboratory may be scheduled by the department. Refer to Class Schedule.  
**Note:** May be taken 4 times  
**Transfer acceptability:** CSU  
 Topics in Administration of Justice. See Class Schedule for specific topic offered. Course title will designate subject covered.

**AJ 210 Basic Crime Scene Forensic Science (3)**  
 3 hours lecture  
 Introduces various specialized disciplines including the crime lab functions, forensic instrumentation, forensic photography, crime scene processing, drug analysis, hair and fiber analysis, questioned documents, and fingerprint usage.

**AJ 211 Fingerprint Identification (3)**  
 3 hours lecture  
 This course reviews the history and application of fingerprinting for personal identification including recognition of patterns and classification of fingerprints. The student will also experience practical problems involving locating, developing, lifting and photographing latent prints. Courtroom testimony and exhibits will also be covered.

**AJ 212 Forensic Photography (3)**  
 3 hours lecture  
 Techniques utilized in police photography are outlined and explored including crime scene and traffic collision photography, macro photography, microphotography, black/white and color photography, and photography equipment. Also discussed are topics such as low light or existing light photography, high speed film shooting, use of alternative light sources in photography, aerial photography, video recording, and presentation of photographic exemplars in court or trial.

**AJ 280 Internship - A Service Learning Experience (3)**  
 9 hours laboratory  
**Transfer acceptability:** CSU  
 Students are placed in a law enforcement agency or civic organization internship. The student observes the functions of the organization to better prepare them for future employment within the field of local, state, county, and federal agencies.

## Aeronautical Sciences (AERO)

Contact the Earth Sciences Department for further information, (760) 744-1150, ext. 2512. For transfer information, consult a Palomar College counselor.

Associate in Arts degree requirements, Certificate of Achievement requirements, and Certificate of Proficiency requirements are listed in Section 6 (green pages) of the catalog.

### PROGRAMS OF STUDY

## Aeronautical Operations and Management

For students interested in the business or piloting aspects of aviation. Transfers to some four year programs in this field.

### A.A. DEGREE MAJOR OR CERTIFICATE OF ACHIEVEMENT

Program Requirements	Units
AERO 100 Introduction to Aeronautical Sciences	3
AERO 105 Basic Pilot Ground School	3
AERO 115 Air Traffic Control	3
AERO 120 Aviation Weather	3
BUS 205 Business Writing	3
ECON 101 Principles of Economics (Macro)	3
ECON 102 Principles of Economics (Micro)	3

### Elective Courses (Select 15 units minimum)

ACCT 103 and Financial Accounting	4
ACCT 104 Accounting Spreadsheet Laboratory	1
AERO 106 Commercial Pilot Ground School	3
AERO 107 Instrument Pilot Ground School	3
AERO 108 Flight Instructor Ground School	3
AERO 125 Instrument Simulator Lab	1.5
AERO 205 Principles of Aerodynamics	3
AERO 210 Aviation Safety and Accident Investigation	3
AERO 220 Regional Airline Aircraft Systems	3

AERO 260 ATP/Dispatcher Ground School	3
BUS 115 Business Law	3
BUS 155 Marketing	3
BMGT 110 Human Resource Management	3
BMGT 115 Organizational Theory and Design	3
CSIS 105 Computer Concepts/Microcomputer Apps.	3
GEOG 110 Meteorology: Weather and Climate	3
MATH 115 Trigonometry	3
MATH 120 Elementary Statistics	3
PHYS 120 General Physics	4
PHYS 121 General Physics	4
CE 100 Cooperative Education	1,2,3,4

**TOTAL UNITS 36**

Flight training is the sole responsibility of each student and is contracted with an F.A.A. approved flight school at the student's own expense. The Palomar Community College District accepts no responsibility or liability for the student's flight training program.

## Aircraft Commercial Pilot

Prepares students for employment as commercial pilots in air taxi and other field related flying operations. Transfers to some four year programs in this field.

### A.A. DEGREE MAJOR OR CERTIFICATE OF ACHIEVEMENT

Program Requirements	Units
AERO 75 Private Pilot Certification	2
AERO 80 Instrument Rating Certification	2
AERO 85 Commercial Pilot Certification	3
AERO 100 Introduction to Aeronautical Sciences	3
AERO 105 Basic Pilot Ground School	3
AERO 106 Commercial Pilot Ground School	3
AERO 107 Instrument Pilot Ground School	3
AERO 110 Basic Pilot Flight Procedures	2
AERO 115 Air Traffic Control	3
AERO 120 Aviation Weather	3
AERO 125 Instrument Simulator Laboratory	1.5
AERO 140 Aviation Math/ Modern Navigation	3
AERO 205 Principles of Aerodynamics	3
AERO 210 Aviation Safety and Accident Investigation	3
AERO 215 Complex Aircraft Systems and Propulsion	3

**TOTAL UNITS 40.5**

*Recommended Electives: AERO 108, 260; BUS 205; GEOG 110*

Flight training is the sole responsibility of each student and is contracted with an F.A.A. approved flight school at the student's own expense. The Palomar Community College District accepts no responsibility or liability for the student's flight training program.

### COURSE OFFERINGS

*Courses numbered under 100 are not intended for transfer credit.*

**AERO 75 Private Pilot Certification (2)**

**Note:** Credit/No Credit grading only

Upon presentation of a Private Pilot Certificate, the student will be given credit (no grade). Flight training is to be completed off campus with an F.A.A. certified flight instructor of the student's choice and at the student's own expense. The Palomar Community College District accepts no responsibility or liability for the flight training obtained from private instructors. The student should register for this course in the semester during which the training is to be completed.

- AERO 80 Instrument Rating Certification (2)**  
**Note:** Credit/No Credit grading only  
 Upon presentation of an Instrument Rating, the student will be given credit (no grade). Flight training is to be completed off campus with an F.A.A. certified flight instructor of the student's choice and at the student's own expense. The Palomar Community College District accepts no responsibility or liability for the flight training obtained from private instructors. The student should register for this course in the semester during which the training is to be completed.
- AERO 85 Commercial Pilot Certification (3)**  
**Note:** Credit/No Credit grading only  
 Upon presentation of a Commercial Pilot Certificate, the student will be given credit (no grade). Flight training is to be completed off campus with an F.A.A. certified flight instructor of the student's choice and at the student's own expense. The Palomar Community College District accepts no responsibility or liability for the flight training obtained from private instructors. The student should register for this course in the semester during which the training is to be completed.
- AERO 90 Multi Engine Rating Certification (1)**  
**Note:** Credit/No Credit grading only  
 Upon presentation of a Multi Engine Rating, the student will be given credit (no grade). Flight training is to be completed off campus with an F.A.A. certified flight instructor of the student's choice and at the student's own expense. The Palomar Community College District accepts no responsibility or liability for the flight training obtained from private instructors. The student should register for this course in the semester during which the training is to be completed.
- AERO 100 Introduction to Aeronautical Sciences (3)**  
 3 hours lecture  
**Transfer acceptability:** CSU  
 A survey of the aerospace field including the functions and operations of various federal and state regulating aviation agencies and airport based companies such as air carrier, general aviation, aviation maintenance, flight schools, and other major occupational and supportive areas.
- AERO 105 Basic Pilot Ground School (3)**  
 3 hours lecture  
**Transfer acceptability:** CSU  
 A study of Federal Aviation Regulations, flight data, aerodynamics, weather and navigation, radio communications, aircraft and engine operation, flight instruments, and aircraft performance. Prepares the student for the Federal Aviation Administration's Private Pilot written examination.
- AERO 106 Commercial Pilot Ground School (3)**  
 3 hours lecture  
**Prerequisite:** Private Pilot Certificate or AERO 105 with concurrent or prior flight training  
**Transfer acceptability:** CSU  
 A comprehensive study of aircraft performance, Federal Aviation Regulations, navigation, flight charts and graphs, radio navigation and communications, meteorology, emergency procedures, aerodynamics, flight instruments, and multi engine procedure. Prepares the student for the Federal Aviation Administration's Commercial Pilot written examination.
- AERO 107 Instrument Pilot Ground School (3)**  
 3 hours lecture  
**Prerequisite:** Private Pilot Certificate or AERO 105 with concurrent or prior flight training  
**Transfer acceptability:** CSU  
 The rules and regulations for instrument flight, interpretation of flight instruments, air navigation, meteorology, instrument flight techniques, air traffic control, and flight planning. Prepares the student for the Federal Aviation Administration's Instrument written examination.
- AERO 108 Flight Instructor Ground School (3)**  
 3 hours lecture  
**Prerequisite:** AERO 106 and 107  
**Transfer acceptability:** CSU
- Learning characteristics, teaching techniques, student evaluation, instructor duties/responsibilities, and all private and commercial pilot maneuvers. Prepares the student for the Federal Aviation Administration's written and practical tests for flight instructor airplane.
- AERO 110 Basic Pilot Flight Procedures (2)**  
 2 hours lecture  
**Prerequisite:** Completion of, or concurrent enrollment in, AERO 105  
**Transfer acceptability:** CSU  
 A classroom study of procedures required for the private pilot practical test. Includes discussion of cross country flight planning, radio navigation, communication procedures, controlled airspace, and airport operations.
- AERO 115 Air Traffic Control (3)**  
 3 hours lecture  
**Prerequisite:** AERO 105  
**Transfer acceptability:** CSU  
 The national airspace system and the handling of air traffic within this area. Emphasis is placed on the operation of Federal Aviation Administration controlling agencies.
- AERO 120 Aviation Weather (3)**  
 3 hours lecture  
**Transfer acceptability:** CSU  
 Basic principles relating to weather with particular emphasis placed upon the relationship of weather to aviation. Practical instruction is given in the use and interpretation of weather reports, forecasts, and charts.
- AERO 125 Instrument Simulator Laboratory (1.5)**  
 1 hour lecture 2 hours laboratory  
**Prerequisite:** Private Pilot Certificate  
**Note:** May be taken 3 times for increased proficiency by utilizing more advanced lesson plans and taped lesson plans in the lab.  
**Transfer acceptability:** CSU  
 Instrument flight including VOR navigation, holding patterns, and ILS, LOC, NDB, and VOR approaches through use of a ground trainer.
- AERO 140 Aviation Mathematics and Modern Navigation Systems (3)**  
 3 hours lecture  
**Transfer acceptability:** CSU  
 The nature and properties of numbers and arithmetic operations utilizing the flight computer for improvement in operational efficiency and applications involving all forms of air navigation. Basic principles of modern navigation systems such as Loran, INS/IRS, R NAV, TCAS, GPWS, Flight Directors, and GPS will be examined.
- AERO 197 Aeronautical Sciences Topics (.5-4)**  
 Units awarded in topics courses are dependent upon the number of hours required of the student. Any combination of lecture, laboratory, or lecture/laboratory may be scheduled by the department. Refer to Class Schedule.  
**Note:** May be taken 4 times.  
 Topics in Aeronautical Sciences. See class schedule for specific topic covered. Course title will designate subject covered.
- AERO 205 Principles of Aerodynamics (3)**  
 3 hours lecture  
**Transfer acceptability:** CSU  
 Introduction to the theory of flight; applications of the basic laws of physics to the principles of flight. Aircraft design is considered with respect to airfoils, wings, viscous effects, propellers, and aircraft performance.
- AERO 210 Aviation Safety and Accident Investigation (3)**  
 3 hours lecture  
**Prerequisite:** AERO 105 or Private Pilot Certificate  
**Transfer acceptability:** CSU  
 Accident prevention principles through a study of recent mishaps. Pilot physical and psychological factors and their role in mishaps. A study of crash survival and post crash survival techniques. Fundamentals of mishap investigation and reporting.

**AERO 215 Complex Aircraft Systems and Propulsion (3)**

3 hours lecture

**Prerequisite:** AERO 105 or Private Pilot Certificate**Transfer acceptability:** CSU

Turbochargers, turboprop and turbojet engines and their operation. Electrical, pressurization, hydraulic, and fuel systems will be examined.

**AERO 220 Regional Airline Aircraft Systems (3)**

3 hours lecture

**Prerequisite:** AERO 105**Transfer acceptability:** CSU

Engine, fuel, hydraulic, electrical, flight control, pressurization, ice protection, pneumatic, warning, and navigation systems of a typical regional airline jet will be examined. Aircraft performance will be calculated.

**AERO 260 ATP/Dispatcher Ground School (3)**

3 hours lecture

**Prerequisite:** Commercial Pilot Certificate**Transfer acceptability:** CSU

Federal Aviation Regulations, aerodynamics, performance, flight procedures, aviation weather, and aeromedical factors as they apply to the operation and dispatch of air carrier transport aircraft. Prepares the student for the Federal Aviation Administration's Airline Transport Pilot or Dispatcher written/knowledge examination.

**AERO 295 Directed Study in Aeronautical Sciences (1,2,3)**

3, 6, or 9 hours field work

**Prerequisite:** AERO 100 and approval of project proposal**Note:** May be taken 4 times

Individual study in field or library within the field of air transportation.

**Africana Studies (AS)****See also Multicultural Studies**

Contact the Multicultural Studies Department for further information, (760) 744-1150, ext. 2206. For transfer information, consult a Palomar College counselor.

Associate in Arts degree requirements, Certificate of Achievement requirements, and Certificate of Proficiency requirements are listed in Section 6 (green pages) of the catalog.

**PROGRAM OF STUDY****Africana Studies**

Provides background for upper division course work in Africana Studies and a complementary base for students interested in many areas and professions including: Business Administration, Child Development, Law Enforcement, General Studies, Journalism, Liberal Arts and Sciences, Nursing, Radio and Television.

**CERTIFICATE OF PROFICIENCY**

Program Requirements	Units
AS 100 Intro/Hist Legacy/Africana	3
AS 115 Intro/Comparative Africana Lit	3
AS 116 Intro Literature/Arts Africana	3
AS 120 Africana Social Institutions	3
AS 125 Africana People/World Politics	3
<b>TOTAL UNITS</b>	<b>15</b>

**COURSE OFFERINGS****AS 100 Introduction to the Historical Legacy of Africana Peoples (3)**

3 hours lecture

**Transfer acceptability:** CSU; UC

The ancient and modern histories and civilizations of Africana peoples. An emphasis on the Africana presence and impact on global historical processes.

**AS 101 African American History I (3)**

3 hours lecture

**Note:** This course plus AS 102 meets the State requirement in American History and Institutions.**Transfer acceptability:** CSU; UC - maximum credit for one pair: AS 101-102 or HIST 101-102

African Americans in the history of the United States from Africa through Reconstruction with particular emphasis on the trans Atlantic slave trade; the colonial period; the Revolution; constitutional development; development of the plantation system, slavery on and off the plantation; the free Negro in the North and South; westward expansion and frontier influences; emergence of sectionalism, the anti slavery movement; impact of, and contributions to, the Civil War; Reconstruction and post war adjustments; Black leadership; and the antebellum legacy.

**AS 102 African American History II (3)**

3 hours lecture

**Note:** This course plus AS 101 meets the State requirement in American History and Institutions.**Transfer acceptability:** CSU; UC - maximum credit for one pair: AS 101-102 or HIST 101-102

Cultural, economic, and political development of African Americans in the United States since Reconstruction. Emphases on post Civil War difficulties; the Westward Movement; expressions of cultural identity; industrial development; impact of World Wars I and II on urbanization and social mobility; expansion of government activity; Civil Rights Era and modern militancy; Black leadership, and the United States as a world power.

**AS 110 The Black and the United States Political System (3)**

3 hours lecture

**Transfer acceptability:** CSU; UC - maximum credit for one course: AS 110, AIS 102, CS 102

Surveys the role of Black people in the United States political system and institutions. Examines the structure and functions of the American political system in relation to issues which affect the American people as a whole and minority groups in particular. A description and analysis of Federal, State, and local government organizations as they relate to the group will be emphasized.

**AS 115 Introduction to Comparative Africana Literature (3)**

3 hours lecture

**Transfer acceptability:** CSU; UC

Selected literatures of Africana peoples. Examination of the principles of aesthetics, theme, philosophy and religion, and the impact of cross cultural exchanges on the literature.

**AS 116 Introduction to the Literature and Arts of Africana Civilizations (3)**

3 hours lecture

**Transfer acceptability:** CSU; UC

Continuum in the development of African and Africana literature and other arts from Ancient Africa to the present. Cross cultural exchanges affecting artistic and literary evolution.

**AS 120 Introduction to Africana Social Institutions and Behavior (3)**

3 hours lecture

**Transfer acceptability:** CSU; UC

Social institutions and their influence on the behavior of Africana peoples. Analysis of facts, principles, and concepts basic to understanding human behavior.

**AS 125 Africana Peoples and the World Political Economy (3)**

3 hours lecture

**Transfer acceptability:** CSU; UC

Socio political economic institutions and forces operative in the Africana world. Analysis of the economic and political motives based in the slave trade, colonialism, and underdevelopment.

**AS 126 Cultures of Africa (3)**  
 3 hours lecture  
**Note:** Cross listed as ANTH 126.  
**Transfer acceptability:** CSU; UC  
 Introduction to the indigenous peoples and cultures of Africa. Brief prehistoric and historic background of the continent. Comparative study of traditional cultures representative of the continent's diversity. Focus on social, economic, political, religious and aesthetic life, and culture change.

## Alcohol and Other Drug Studies (AODS)

Contact the Behavioral Sciences Department for further information, (760) 744-1150, ext. 2329. For transfer information, consult a Palomar College counselor.

### COURSE OFFERINGS

**AODS 140 Introduction to Psychological and Social Services (4)**  
 3 hours lecture 3 hours laboratory  
**Note:** Cross listed as PSYC 140/SOC 140  
**Transfer acceptability:** CSU  
 An overview of the theoretical basis of counseling skills, including social work, psychodynamic, behavioral, and client-centered approaches. The roles of psychologists, sociologists, social workers, family therapists, and therapeutic support providers are compared and contrasted, and the issues they deal with are described. This course provides students with an opportunity to observe actual practices of human services providers working as interdisciplinary team members in an agency setting. Through cooperative efforts of provider agencies, the instructor, and the student, the skills utilized for entry level employment are observed, practiced, and evaluated under supervision.

**AODS 150 Introduction to Chemical Dependency (3)**  
 3 hours lecture  
**Note:** Cross listed as PSYC 150/SOC 150  
**Transfer acceptability:** CSU  
 This basic course will provide a historical perspective on alcohol and other psychoactive drug abuse and its impact on the community. An interdisciplinary approach will be used. Topics will include definitions, sociocultural factors related to use and/or abuse, identification of issues and models of dependency and recovery, and analysis of the effectiveness of policies and programs.

**AODS 155 The Physiology and Pharmacology of Psychoactive Drugs (3)**  
 3 hours lecture  
**Note:** Cross listed as PSYC 155/SOC 155  
**Transfer acceptability:** CSU  
 This course will examine how psychoactive drugs affect the nervous system. Ways of classifying drugs will be identified including the processes of physical and psychological dependence, tolerance, withdrawal, and genetic predispositions. Temporary and long-term affective, behavioral, cognitive, biological, and social consequences of psychoactive drug use will be explored, including disorders such as Korsakoff's syndrome and other nutritional deficiencies.

**AODS 160 Prevention, Intervention, and Education (3)**  
 3 hours lecture  
**Note:** Cross listed as PSYC 160/SOC 160  
**Transfer acceptability:** CSU  
 This course will review historical and contemporary approaches for chemical dependency, including prevention, intervention, and education. It will analyze the progression of substance abuse and chemical dependency disorders and will evaluate types of prevention, education, and intervention strategies.

**AODS 250 Group Leadership and Process (3)**  
 3 hours lecture  
**Note:** Cross listed as PSYC 250/SOC 250  
**Transfer acceptability:** CSU

An introduction to the dynamics of group interaction, with emphasis upon the individual's firsthand experience as the group studies itself under supervision. Problems of communication, effective emotional responses, and personal growth will be highlighted. The emphasis will be upon group process as a means of changing behavior.

**AODS 255 Treatment Modalities, Law and Ethics (3)**  
 3 hours lecture  
**Note:** Cross listed as PSYC 255/SOC 255  
**Transfer acceptability:** CSU  
 This course reviews the principles and practices of addiction treatment including screening, intake, orientation, assessment, treatment planning, counseling, case management, crisis intervention, education of clients and their families, referral, report and record keeping, and consultation. Legal and ethical standards of practice for addictions counselors will be reviewed and included in this body of knowledge, skills, and attitudes.

**AODS 260 Chemical Dependency Family Counseling (3)**  
 3 hours lecture  
**Note:** Cross listed as PSYC 260/SOC 260  
**Transfer acceptability:** CSU  
 This course is designed to explore methods of assisting family members and others to understand and to cope with the alcohol and drug abuse of alcoholics and addicts. Several family therapy modalities will be explored. The approach will be experiential in format and students will participate in exercises that lead to the development of these skills.

**AODS 298 Directed Field Experience I (5)**  
 3 hours lecture 6 hours laboratory  
**Note:** Cross listed as PSYC 298/SOC 298  
**Transfer acceptability:** CSU  
 Principles of interpersonal conflict dynamics and approaches for conflict resolution are analyzed. Non-directive, directive and behavior modification skills that are used to increase motivation for positive behavioral change are compared and evaluated. Field placement provides students with an opportunity to observe human services providers dealing with conflict in agency settings using structured and informal conflict resolution approaches. Interns are also provided with opportunities to practice conflict resolution techniques and skills for increasing motivation for positive change.

**AODS 299 Directed Field Experience II (6)**  
 3 hours lecture 9 hours laboratory  
**Note:** Cross listed as PSYC 299/SOC 299  
**Transfer acceptability:** CSU  
 This course emphasizes advanced concepts in chemical dependency. The functions and consequences of denial and ambivalence are explored in depth, and students refine their skills for the 12 core functions of effective clinical practice. They prepare for the oral California certifying examinations and for entry level positions as alcohol and drug counselors. Students practice these skills in class and under the supervision of agency personnel.

## American Indian Studies (AIS)

Contact the American Indian Studies Department for further information, (760) 744-1150, ext. 2425. For transfer information, consult a Palomar College counselor.

Associate in Arts degree requirements, Certificate of Achievement requirements, and Certificate of Proficiency requirements are listed in Section 6 (green pages) of the catalog.

### PROGRAM OF STUDY

#### American Indian Studies

Provides cultural background and preparation to enhance employment opportunities with American Indian people.

**CERTIFICATE OF ACHIEVEMENT**

Program Requirements	Units
AIS 100 Introduction to American Indian Studies	3
AIS 101 or The American Indian Frontier	
AIS 102 Indian/U.S. Political System	3
AIS 125 American Indians Today	3
AIS/ANTH 130 Prehistoric Cultures of North America	3
<b>Electives (Consult with department prior to selection of two additional courses)</b>	
AIS 105 History of Native American Arts	3
AIS 110 History of the Plains Indian	3
AIS 115 A History of Southwest Indians	3
AIS 120 Indians of the Americas	3
AIS 135 California Indian Arts	3
AIS/ANTH 140 The Original Californians	3
AIS 141 Elementary Luiseño IA	3
AIS 142 Elementary Luiseño IB	3
AIS 143 Elementary Luiseño IIA	3
AIS 144 Elementary Luiseño IIB	3
AIS 145 American Indian Literature	3
AIS 150 American Indian Philosophy and Religion	3
AIS 151 Elementary Cupeño IA	3
AIS 152 Elementary Cupeño IB	3
AIS 153 Elementary Cupeño IIA	3
AIS 154 Elementary Cupeño IIB	3
AIS 165 Native Women in the Americas	3
AIS 175 American Indian Science and Technology	3
<b>TOTAL UNITS</b>	<b>18</b>

**COURSE OFFERINGS**

- AIS 100 Introduction to American Indian Studies (3)**  
*3 hours lecture*  
**Transfer acceptability:** CSU; UC  
 American Indian cultures in North America are studied from early cultures to contemporary society. A cross disciplinary approach examines applicable methods and theories from sciences and humanities.
- AIS 101 The American Indian Frontier From Colonialism Through the Present (3)**  
*3 hours lecture*  
**Note:** This course plus AIS 102 meets the State requirement in American History and Institutions.  
**Transfer acceptability:** CSU; UC  
 The historical, economic, and cultural development of the American Indian in relation to European and American contact. Extensive use and analysis of historical sources from the colonial period through the present.
- AIS 102 The American Indian and the U.S. Political System (3)**  
*3 hours lecture*  
**Note:** This course plus AIS 101 meets the State requirement in American History and Institutions.  
**Transfer acceptability:** CSU; UC – maximum credit for one course: AIS 102, AIS 110, CS 102  
 Surveys the role of American Indian people in the U.S. political system and institutions. Includes an examination of American Indian political structures and functions from pre contact period to contemporary as well as analysis of Federal Indian policy and leading issues and organizations that affect the American Indian community.
- AIS 105 History of Native American Arts (3)**  
*3 hours lecture*  
**Transfer acceptability:** CSU; UC  
 An historical survey encompassing North, Meso, and South American Indian arts from pre-Columbian through contemporary periods. American Indian art forms are examined in terms of cultural context, history of styles, and artists.

- AIS 110 History of the Plains Indian (3)**  
*3 hours lecture*  
**Transfer acceptability:** CSU; UC  
 An analysis of the Plains Indian. Examines lifestyles, mores, traditions, and tactics of war. Attention will be given to relations with the U.S. Government and to the background and evolution of acculturations.
- AIS 115 A History of Southwest Indians (3)**  
*3 hours lecture*  
**Transfer acceptability:** CSU; UC  
 A history, transculturation, and present culture of the Southwest Indians with emphasis upon their retention of traditional customs.
- AIS 120 Indians of the Americas (3)**  
*3 hours lecture*  
**Transfer acceptability:** CSU; UC  
 A cross cultural study of American Indian Peoples in South America, Meso America, and North America. Emphasis is placed on the contrast of societies as diverse as Incans, Amazonians, Eskimos, and Mayans.
- AIS 125 American Indians Today (3)**  
*3 hours lecture*  
**Transfer acceptability:** CSU; UC  
 The development of a greater sensitivity to the American Indian through analysis of ethnocentricism exhibited in contemporary American pluralistic society. This will be done through the analysis of stereotyping, history, cultural practice, and contemporary issues.
- AIS 130 Prehistoric Cultures of North America (3)**  
*3 hours lecture*  
**Note:** Cross listed as ANTH 130  
**Transfer acceptability:** CSU; UC  
 Emphasis given to prehistoric cultural traditions of the Eastern Woodlands, Central Plains, and Far Western United States and Canada. Special concern for archaeological problems; reconstruction of these traditions and cultural changes.
- AIS 135 California Indian Arts (3)**  
*3 hours lecture*  
**Transfer acceptability:** CSU; UC  
 Emphasis on the regional styles of California tribal arts with analysis of the social, religious, political, and cultural contributions. A combination of lectures, slides, individual projects, small group discussions, field trips, and guest artists.
- AIS 139 Native American Linguistics (3)**  
*3 hours lecture*  
**Transfer acceptability:** CSU  
 This introductory linguistics course will enable the student to create a practical orthography and a basic standardized grammar for an endangered language with no written literary tradition.
- AIS 140 The Original Californians (3)**  
*3 hours lecture*  
**Note:** Cross listed as ANTH 140.  
**Transfer acceptability:** CSU; UC  
 Native people of California: Their origin, language, arts, customs religion, folklore, and music. Special emphasis on Southern California.
- AIS 141 Elementary Luiseño IA (3)**  
*3 hours lecture*  
**Note:** AIS 141+142 correspond to one year of high school foreign language  
**Transfer acceptability:** CSU; UC  
 An introduction to the fundamentals of the Luiseño language, one of the four indigenous languages of San Diego County. This course will include a survey of Luiseño language phonology, morphology, syntax and grammar with special emphasis on culturally relevant terminology.

- AIS 142 Elementary Luiseño IB (3)**  
3 hour lecture  
**Note:** AIS 141+142 correspond to one year of high school foreign language  
**Transfer acceptability:** CSU; UC  
Review of the phonology, morphology, syntax and grammar of the Luiseño language, with continued emphasis on culturally relevant terminology leading to increased proficiency in expressing basic concepts both orally and in writing.
- AIS 143 Elementary Luiseño IIA (3)**  
3 hours lecture  
**Note:** AIS 143 + 144 correspond to two years of high school foreign language.  
**Transfer acceptability:** CSU; UC  
Elementary grammar, review, composition, and continued oral practice.
- AIS 144 Elementary Luiseño IIB (3)**  
3 hours lecture  
**Note:** AIS 143 + 144 correspond to two years of high school foreign language.  
**Transfer acceptability:** CSU; UC  
Elementary grammar, review, composition, and continued oral practice.
- AIS 145 American Indian Literature (3)**  
3 hours lecture  
**Transfer acceptability:** CSU; UC  
A survey of historical and contemporary American Indian literature. Examines traditional and contemporary genres.
- AIS 150 American Indian Philosophy and Religion (3)**  
3 hours lecture  
**Transfer acceptability:** CSU; UC  
The principles of American Indian philosophy and religious rites practiced prior to extensive European contacts with North American tribes, and the subsequent impact of European cultures on American Indian philosophy and religion.
- AIS 151 Elementary Cupeño IA (3)**  
3 hours lecture  
**Note:** AIS 151 + 152 correspond to one year of high school foreign language.  
**Transfer acceptability:** CSU; UC  
Elementary grammar, composition, and oral practice.
- AIS 152 Elementary Cupeño IB (3)**  
3 hours lecture  
**Note:** AIS 151 + 152 correspond to one year of high school foreign language.  
**Transfer acceptability:** CSU; UC  
Elementary grammar, review, composition, and continued oral practice.
- AIS 153 Elementary Cupeño IIA (3)**  
3 hours lecture  
**Note:** AIS 153 + 154 correspond to two years of high school foreign language.  
**Transfer acceptability:** CSU; UC  
Elementary grammar, review, composition, and continued oral practice.
- AIS 154 Elementary Cupeño IIB (3)**  
3 hours lecture  
**Note:** AIS 153 + 154 correspond to two years of high school foreign language.  
**Transfer acceptability:** CSU; UC  
Elementary grammar, review, composition, and continued oral practice.
- AIS 155 American Indian Community Development (3)**  
3 hours lecture  
**Note:** May be taken 4 times  
**Transfer acceptability:** CSU  
Investigation and analysis of the relationship between the American Indian and the non Indian in contemporary society with special emphasis on fieldwork and research to explore existing programs and to develop solutions to problems originating from these programs.
- AIS 160 American Indian Education (3)**  
3 hours lecture  
**Transfer acceptability:** CSU  
The historical development of American Indian education. Emphasis is placed on traditional philosophies as well as American philosophies as they relate to the educational process of the American Indian.
- AIS 161 Elementary Classical Nahuatl (3)**  
3 hours lecture  
**Note:** Cross listed as CS 161  
**Transfer acceptability:** CSU; UC  
This is an introductory course on the Classical Nahuatl language of the Aztec Empire. Students will acquire a basic knowledge of Nahuatl morphology and syntax.
- AIS 165 Native Women in the Americas (3)**  
3 hours lecture  
**Transfer acceptability:** CSU; UC  
Social and psychological comparison of the roles of native women in the Americas. Areas of emphasis shall include: kinship, childbearing, leadership, and religious roles. These will be examined in contemporary and traditional settings.
- AIS 170 Political/History Problems and Issues of California Indians (3)**  
3 hours lecture  
**Transfer acceptability:** CSU; UC  
Examines the political structure and functions of American Indians in California as they relate to federal, state, and local governments. Includes analysis of problems and issues relevant to California Indians through an historical, political, and economic framework.
- AIS 175 American Indian Science and Technology (3)**  
3 hours lecture  
**Transfer acceptability:** CSU; UC  
An introductory course in the development of scientific ideas in American Indian cultures as compared to other cultures in terms of context, practitioners, and technological applications. Primary comparison is with conventional Western areas of physical, biological, and applied sciences derived from scientific methodology.
- AIS 197 American Indian Studies Topics (.5-4)**  
Units awarded in topics courses are dependent upon the number of hours required of the student. Any combination of lecture, laboratory, or lecture/laboratory may be scheduled by the department. Refer to Class Schedule.  
**Note:** May be taken 4 times  
**Transfer acceptability:** CSU; UC - Credit determined by UC upon review of course syllabus.  
Topics in American Indian Studies. See class schedule for specific topic covered. Course title will designate subject covered.

## American Sign Language (ASL)

Contact the Speech Communication/Forensics/ASL Department for further information, (760) 744-1150, ext. 2405

Associate in Arts degree requirements, Certificate of Achievement requirements, and Certificate of Proficiency requirements are listed in Section 6 (green pages) of the catalog.

### PROGRAM OF STUDY

## American Sign Language/ English Interpreter Training Program

Preparation courses (for students not already competent in signing): ASL 100, 100L, 101, 101L, 105, 205, 205L, 206, and 206L.

**A.A. DEGREE MAJOR OR  
CERTIFICATE OF ACHIEVEMENT**

Program Requirements		Units
ASL 110	Awareness of Deaf Culture	3
ASL 115	Perspective on Deafness	3
ASL 208	Interpreting as a Profession	3
ASL 210	Interpreting I	4
ASL 211	Interpreting II	4
ASL 215	Interpreting III	4
ASL 216	Interpreting IV	4
ASL 220	Specialized Settings of Interpreting	3
ASL 298	Fieldwork in Interpreting	1.5
ENG 100	English Composition	4

**TOTAL UNITS 33.5**

Upon successful completion of this program, students may elect to take a proficiency exam to determine eligibility for entry-level employment as ASL/English interpreters.

**COURSE OFFERINGS**

*Courses numbered under 100 are not intended for transfer credit.*

**ASL 97 Topics in American Sign Language (.5-4)**  
Units awarded in topics courses are dependent upon the number of hours required of the student. Any combination of lecture, laboratory, or lecture/laboratory may be scheduled by the department. Refer to Class Schedule.  
**Note:** May be taken 4 times  
The course objectives will depend on the specific topic covered. A set of objectives will be developed for each topic class and included in an outline developed by the instructor.

**ASL 100 American Sign Language I (4)**  
*4 hours lecture*  
**Transfer acceptability:** CSU; UC  
Introduction to the practice and use of American Sign Language.

**ASL 100L American Sign Language I (Lab) (1)**  
*3 hours laboratory*  
**Prerequisite:** Completion of, or concurrent enrollment in ASL 100  
**Note:** Credit/No Credit grading only; may be taken 2 times  
**Transfer acceptability:** CSU  
Individualized program intended for students who wish to further improve their ASL skills. Students will utilize videotapes, software, and workbooks in the American Sign Language/English Interpreting Lab to improve comprehension of basic ASL sentences and stories. Through the use of video recording equipment, students will have the opportunity to improve their expressive signing skills. Lab activities are designed to provide students the opportunity to practice vocabulary and syntax taught in ASL 100.

**ASL 101 American Sign Language II (4)**  
*4 hours lecture*  
**Prerequisite:** ASL 100 with a 'C' or better  
**Transfer acceptability:** CSU; UC  
Continued development in American Sign Language.

**ASL 101L American Sign Language II (Lab) (1)**  
*3 hours laboratory*  
**Prerequisite:** Completion of, or concurrent enrollment in ASL 101  
**Note:** Credit/No Credit grading only, may be taken 2 times  
**Transfer acceptability:** CSU  
Individualized program intended for students who wish to further improve their ASL skills. Students will utilize videotapes, software, and workbooks in the American Sign Language/English Interpreting Lab to improve comprehension of ASL sentences and stories. Through the use of video recording equipment, students will have the opportunity to improve their expressive signing skills. Lab activities are designed to provide students the opportunity to practice vocabulary and syntax taught in ASL 101.

**ASL 105 Fingerspelling (3)**  
*3 hours lecture*

**Prerequisite:** ASL 100  
**Note:** May be taken 2 times  
**Transfer acceptability:** CSU  
Introduction to the American Manual alphabet (fingerspelling), including numbers, loan signs, acronyms and abbreviations commonly used in the Deaf community. Extensive drills and practice in both expressive and receptive skills.

**ASL 110 Awareness of Deaf Culture (3)**  
*3 hours lecture*

**Transfer acceptability:** CSU; UC  
An introduction to American Deaf Culture, the history, the community, and the language. Deaf cultural values, characteristics, and dynamics will be discussed as well as issues related to minority dynamics, the double/multiple minority experience, including but not limited to, Deaf African-Americans, Deaf Latinas/Latinos, Deaf Women, Deaf gays/lesbians, Deaf-blind, Deaf senior citizens, and the multiple combinations of these. Organizations and individual perceptions of self in relation to group identity, along with political views as examined through articles, books, and videotaped interviews will be studied.

**ASL 115 Perspectives on Deafness (3)**  
*3 hours lecture*

**Transfer acceptability:** CSU  
The historical and current implications of deafness. Communication philosophies and systems, educational approaches, and varying philosophies concerning the education and communicating techniques of the Deaf.

**ASL 197 Topics in American Sign Language (.5-4)**

Units awarded in topics courses are dependent upon the number of hours required of the student. Any combination of lecture, laboratory, or lecture/laboratory may be scheduled by the department. Refer to Class Schedule.  
**Note:** May be taken 4 times.

**Transfer acceptability:** CSU  
Topics in American Sign Language. See class schedule for specific topic covered. Course title will designate subject covered

**ASL 205 American Sign Language III (4)**  
*4 hours lecture*

**Prerequisite:** ASL 101 with a 'C' or better  
**Transfer acceptability:** CSU; UC  
Intermediate language, phrasing, and communication skills in American Sign Language.

**ASL 205L American Sign Language III (Lab) (1)**  
*3 hours laboratory*

**Prerequisite:** Completion of, or concurrent enrollment in ASL 205  
**Note:** Credit/No Credit grading only, may be taken 2 times  
**Transfer acceptability:** CSU  
Individualized program intended for students who wish to further improve their ASL skills. Students will utilize videotapes, software, and workbooks in the American Sign Language/English Interpreting Lab to improve comprehension of advanced ASL sentences and stories. Through the use of video recording equipment, students will have the opportunity to improve their expressive and receptive signing skills. Lab activities are designed to provide students the opportunity to practice vocabulary and syntax taught in ASL 205.

**ASL 206 American Sign Language IV (4)**  
*4 hours lecture*

**Prerequisite:** ASL 205 with a 'C' or better  
**Transfer acceptability:** CSU; UC  
Advanced language, phrasing, and communication skills in American Sign Language.

**ASL 206L American Sign Language IV (Lab) (1)**  
*3 hours laboratory*

**Prerequisite:** Completion of, or concurrent enrollment in ASL 206  
**Note:** Credit/No Credit grading only; may be taken 2 times

**Transfer acceptability:** CSU

Individualized program intended for students who wish to further improve their ASL skills. Students will utilize videotapes, software, and workbooks in the American Sign Language/English Interpreting Lab to improve comprehension of advanced ASL sentences and stories. Through the use of video recording equipment, students will have the opportunity to improve their expressive and receptive signing skills. Lab activities are designed to provide students the opportunity to practice vocabulary and syntax taught in ASL 206.

**ASL 208 Interpreting as a Profession (3)**

3 hours lecture

Prerequisite: ASL 206

Transfer acceptability: CSU

Develops insight into the value of interpreting as a profession. Includes instruction on national testing standards, preparation for certification, and the necessity of ethics as outlined in the Interpreting Code of Ethics.

**ASL 210 Interpreting I (4)**

4 hours lecture

Prerequisite: ASL 110 and 206 with a 'C' or better

Recommended preparation: ENG 100 and ASL 115

Note: May be taken 4 times

Transfer acceptability: CSU

This course provides students with the cognitive skills necessary for interpreting between American Sign Language and English, including discourse analysis of source language messages, paraphrasing and summarizing techniques, and identification of main points. Emphasis is placed on the steps necessary to produce an equivalent target language message through translation, consecutive interpreting, and peer collaboration. Students will begin to develop the skills and knowledge necessary to become culturally sensitive, ethical, and professional interpreters. Primary language of instruction for class lectures and discussion will be ASL. Students are expected to have attained a reasonable level of competency in both ASL and English in order to have access to class lectures and participate fully in class discussions and activities, as instruction will occur in both languages.

**ASL 211 Interpreting II (4)**

4 hours lecture

Prerequisite: ASL 208 and ASL 210 with a 'C' or better

Recommended preparation: ENG 100

Note: May be taken 4 times

Transfer acceptability: CSU

This course is designed to improve student ability to perform the components involved in the process of interpreting as learned in Interpreting I. Primary emphasis is placed on the development of cognitive and linguistic skills, consecutive interpretation, and interpretation of interactive video dialogues between Deaf and hearing people. Students will begin applying skills learned to basic simultaneous interpreting tasks. Further development of language fluency in both American Sign Language (ASL) and English should occur as a result of this course, as instruction will occur in both languages.

**ASL 215 Interpreting III (4)**

4 hours lecture

Prerequisite: ASL 211 with a 'C' or better and ASL 220

Recommended preparation: ENG 100

Note: May be taken 4 times

Transfer acceptability: CSU

This course is a continuation of Interpreting II. Primary emphasis is placed on the development of simultaneous ASL/English interpreting/transliterating tasks. Further development of language fluency in both American Sign Language (ASL) and English should occur as a result of this course. Development of multi-tasking skills enables students to begin interpreting more complex discourse such as that in a higher register or of substantive cognitive-academic content. Students are expected to have attained a reasonable level of competency in both ASL and English in order to have access to class lectures and participate fully in class discussions and activities, as instruction will occur in both languages.

**ASL 216 Interpreting IV (4)**

4 hours lecture

Prerequisite: ASL 215 with a 'C' or better

Corequisite: ASL 298

Recommended preparation: ENG 100

Note: May be taken 4 times

Transfer acceptability: CSU

This course is a continuation of Interpreting III. Emphasis is placed on the enhancement of simultaneous ASL/English interpreting of complex discourse through increased fluency, speed and accuracy. Students will improve equivalence between source and target language while performing simultaneous interpreting and/or transliterating tasks. Students are expected to have attained a reasonable level of competency in both ASL and English in order to have access to class lectures and participate fully in class discussions and activities, as instruction will occur in both languages.

**ASL 220 Specialized Settings of Interpreting (3)**

3 hours lecture

Prerequisite: Completion of, or concurrent enrollment in ASL 206

Transfer acceptability: CSU

This course discusses professional, ethical, technical, and logistical factors involved when interpreting between American Sign Language and spoken English in various settings. Specialized settings introduced in this course include: educational, mental health, legal, medical, social services, business, religious, platform, and performing arts. Telephone, Deaf-blind and oral interpreting will also be discussed. The primary language of instruction will be American Sign Language.

**ASL 298 Fieldwork in Interpreting (1.5)**

4½ hours laboratory

Prerequisite: Concurrent enrollment in or completion of ASL 216

Note: May be taken 2 times

Transfer acceptability: CSU

The purpose of this course is for students to apply skills and knowledge gained from previous interpreting coursework to actual interpreting assignments. Students will begin interpreting or transliterating, with appropriate supervision and in appropriate situations, for actual assignments. Students will have opportunities to observe qualified working interpreters in a variety of settings. Community service and classroom seminar discussions on professional, ethical, technical and logistical aspects of interpreting will also be included in course content. Students must demonstrate adequate ASL to English and English to ASL performance on an exit exam.

## American Studies (AMS)

Contact the American Indian Studies Department for further information, (760) 744-1150, ext. 2425. For transfer information, consult a Palomar College counselor.

### COURSE OFFERINGS

**AMS 100 American Culture and Identity (3)**

3 hours lecture

Transfer acceptability: CSU; UC

Identity and values, such as the arts, beliefs, and social forms, as expressed in lifestyles. Regional and interdisciplinary approaches will be used to build a dynamic model of American culture and its impact on Americans and the world.

**AMS 110 Diverse Cultures in America Today (3)**

3 hours lecture

Note: Cross listed as MCS 110

Transfer acceptability: CSU; UC

An investigation of prevalent cultural trends in four groups of diverse ethnic and cultural backgrounds in America -- African Americans, Latinos, Chinese, and people of Jewish heritage -- since World War II. Emphasis will be placed on the literary, musical, and artistic expressions of their heritage, social conditions, struggle to become part of the main culture, and response to prejudice, racial, and religious

**Transfer acceptability:** CSU

Individualized program intended for students who wish to further improve their ASL skills. Students will utilize videotapes, software, and workbooks in the American Sign Language/English Interpreting Lab to improve comprehension of advanced ASL sentences and stories. Through the use of video recording equipment, students will have the opportunity to improve their expressive and receptive signing skills. Lab activities are designed to provide students the opportunity to practice vocabulary and syntax taught in ASL 206.

**ASL 208 Interpreting as a Profession (3)**

3 hours lecture

Prerequisite: ASL 206

Transfer acceptability: CSU

Develops insight into the value of interpreting as a profession. Includes instruction on national testing standards, preparation for certification, and the necessity of ethics as outlined in the Interpreting Code of Ethics.

**ASL 210 Interpreting I (4)**

4 hours lecture

Prerequisite: ASL 110 and 206 with a 'C' or better

Recommended preparation: ENG 100 and ASL 115

Note: May be taken 4 times

Transfer acceptability: CSU

This course provides students with the cognitive skills necessary for interpreting between American Sign Language and English, including discourse analysis of source language messages, paraphrasing and summarizing techniques, and identification of main points. Emphasis is placed on the steps necessary to produce an equivalent target language message through translation, consecutive interpreting, and peer collaboration. Students will begin to develop the skills and knowledge necessary to become culturally sensitive, ethical, and professional interpreters. Primary language of instruction for class lectures and discussion will be ASL. Students are expected to have attained a reasonable level of competency in both ASL and English in order to have access to class lectures and participate fully in class discussions and activities, as instruction will occur in both languages.

**ASL 211 Interpreting II (4)**

4 hours lecture

Prerequisite: ASL 208 and ASL 210 with a 'C' or better

Recommended preparation: ENG 100

Note: May be taken 4 times

Transfer acceptability: CSU

This course is designed to improve student ability to perform the components involved in the process of interpreting as learned in Interpreting I. Primary emphasis is placed on the development of cognitive and linguistic skills, consecutive interpretation, and interpretation of interactive video dialogues between Deaf and hearing people. Students will begin applying skills learned to basic simultaneous interpreting tasks. Further development of language fluency in both American Sign Language (ASL) and English should occur as a result of this course, as instruction will occur in both languages.

**ASL 215 Interpreting III (4)**

4 hours lecture

Prerequisite: ASL 211 with a 'C' or better and ASL 220

Recommended preparation: ENG 100

Note: May be taken 4 times

Transfer acceptability: CSU

This course is a continuation of Interpreting II. Primary emphasis is placed on the development of simultaneous ASL/English interpreting/transliterating tasks. Further development of language fluency in both American Sign Language (ASL) and English should occur as a result of this course. Development of multi-tasking skills enables students to begin interpreting more complex discourse such as that in a higher register or of substantive cognitive-academic content. Students are expected to have attained a reasonable level of competency in both ASL and English in order to have access to class lectures and participate fully in class discussions and activities, as instruction will occur in both languages.

**ASL 216 Interpreting IV (4)**

4 hours lecture

Prerequisite: ASL 215 with a 'C' or better

Corequisite: ASL 298

Recommended preparation: ENG 100

Note: May be taken 4 times

Transfer acceptability: CSU

This course is a continuation of Interpreting III. Emphasis is placed on the enhancement of simultaneous ASL/English interpreting of complex discourse through increased fluency, speed and accuracy. Students will improve equivalence between source and target language while performing simultaneous interpreting and/or transliterating tasks. Students are expected to have attained a reasonable level of competency in both ASL and English in order to have access to class lectures and participate fully in class discussions and activities, as instruction will occur in both languages.

**ASL 220 Specialized Settings of Interpreting (3)**

3 hours lecture

Prerequisite: Completion of, or concurrent enrollment in ASL 206

Transfer acceptability: CSU

This course discusses professional, ethical, technical, and logistical factors involved when interpreting between American Sign Language and spoken English in various settings. Specialized settings introduced in this course include: educational, mental health, legal, medical, social services, business, religious, platform, and performing arts. Telephone, Deaf-blind and oral interpreting will also be discussed. The primary language of instruction will be American Sign Language.

**ASL 298 Fieldwork in Interpreting (1.5)**

4½ hours laboratory

Prerequisite: Concurrent enrollment in or completion of ASL 216

Note: May be taken 2 times

Transfer acceptability: CSU

The purpose of this course is for students to apply skills and knowledge gained from previous interpreting coursework to actual interpreting assignments. Students will begin interpreting or transliterating, with appropriate supervision and in appropriate situations, for actual assignments. Students will have opportunities to observe qualified working interpreters in a variety of settings. Community service and classroom seminar discussions on professional, ethical, technical and logistical aspects of interpreting will also be included in course content. Students must demonstrate adequate ASL to English and English to ASL performance on an exit exam.

## American Studies (AMS)

Contact the American Indian Studies Department for further information, (760) 744-1150, ext. 2425. For transfer information, consult a Palomar College counselor.

### COURSE OFFERINGS

**AMS 100 American Culture and Identity (3)**

3 hours lecture

Transfer acceptability: CSU; UC

Identity and values, such as the arts, beliefs, and social forms, as expressed in lifestyles. Regional and interdisciplinary approaches will be used to build a dynamic model of American culture and its impact on Americans and the world.

**AMS 110 Diverse Cultures in America Today (3)**

3 hours lecture

Note: Cross listed as MCS 110

Transfer acceptability: CSU; UC

An investigation of prevalent cultural trends in four groups of diverse ethnic and cultural backgrounds in America -- African Americans, Latinos, Chinese, and people of Jewish heritage -- since World War II. Emphasis will be placed on the literary, musical, and artistic expressions of their heritage, social conditions, struggle to become part of the main culture, and response to prejudice, racial, and religious

discrimination. Selections dealing with social conditions will include such diverse issues as family life, intergenerational conflicts, and religious traditions.

**AMS 182 Introduction to Arts Management (3)**  
9 hours laboratory

**Note:** Cross listed as ART 182, DNCE 182, MUS 182 and TA 182  
**Transfer acceptability:** CSU

An introduction to the principles and practices of arts management through an interdisciplinary study of management topics in the visual and performing arts.

**AMS 183 Internship in Arts Management (3)**  
9 hours laboratory

**Prerequisite:** ART/DANCE/MUS or TA 182  
**Note:** Cross listed as ART 183, DNCE 183, MUS 183, and TA 183  
**Transfer acceptability:** CSU

Practical experience in arts management in the visual and performing arts.

**AMS 200 Race, Class, and Ethnic Groups in America (3)**  
3 hours lecture

**Note:** Cross listed as MCS 200 and SOC 200  
**Transfer acceptability:** CSU; UC – AMS/MCS/SOC 200 combined: maximum credit, one course

This course is designed to introduce the topics of intergroup relations in general to superordinate-subordinate relations in particular, as exemplified in various racial, ethnic, social class, and cultural groups. Emphasis is primarily on contemporary relations in the United States, although a comparative perspective is also offered.

## Anatomy

See Zoology

## Anthropology (ANTH)

Contact the Behavioral Sciences Department for further information, (760) 744-1150, ext. 2330. For transfer information, consult a Palomar College counselor.

Associate in Arts degree requirements, Certificate of Achievement requirements, and Certificate of Proficiency requirements are listed in Section 6 (green pages) of the catalog.

### PROGRAMS OF STUDY

Students desiring a career in the field of archaeology or other fields of anthropology have the option of selecting a program leading to the Associate in Arts Degree and/or one or two programs leading to Certificates of Achievement, depending upon their needs and desires.

## Archaeological Excavator

Prepares student for employment as an archaeological site excavator.

### CERTIFICATE OF ACHIEVEMENT

Program Requirements	Units
ANTH 100 Introduction to Biological Anthropology	3
ANTH 105 Introduction to Cultural Anthropology	3
ANTH 110 Introduction to Archaeology	3
ANTH 120 Archaeological Excavation	3
ANTH/AIS 130 Prehistoric Cultures of North America	3
ANTH/AIS 140 or The Original Californians	3
ANTH 100L and Biological Anthropology Laboratory	1
ANTH 297 Special Problems in Archaeology	2
ANTH 205 Advanced Archaeological Excavation	3
<b>TOTAL UNITS</b>	<b>21</b>

## Archaeological Surveyor and Laboratory Assistant

Prepares student for employment as an archaeological surveyor and laboratory assistant.

### CERTIFICATE OF ACHIEVEMENT

Program Requirements	Units
ANTH 100 Introduction to Biological Anthropology	3
ANTH 105 Introduction to Cultural Anthropology	3
ANTH 110 Introduction to Archaeology	3
ANTH 120 Archaeological Excavation	3
ANTH 205 or Advanced Archaeological Excavation	3
ANTH 220 Advanced Archaeological Surveying	3
ANTH 210 Archaeological Surveying	3
ANTH 215 Archaeological Laboratory Analysis	3
<b>TOTAL UNITS</b>	<b>21</b>

## Archaeology

Provides the student with training which will enhance employment opportunities as a para-professional archaeologist as well as sufficient background to begin upper division work in anthropology.

### A.A. DEGREE MAJOR

Program Requirements	Units
ANTH 100 Introduction to Biological Anthropology	3
ANTH 105 Introduction to Cultural Anthropology	3
ANTH 110 Introduction to Archaeology	3
ANTH 120 Archaeological Excavation	3
ANTH/AIS 130 or Prehistoric Cultures of North America	3
ANTH/AIS 140 The Original Californians	3
ANTH 205 Advanced Archaeological Excavation	3
ANTH 210 Archaeological Surveying	3
ANTH 215 Archaeological Laboratory Analysis	3
ANTH 225 Historical Archaeology	3

### Electives (Select 6 units from Groups One and/or Two)

Group One	Units
AIS 150 American Indian Philosophy and Religion	3
ANTH 125 Evolution, Science & Religion	3
ANTH/AS 126 Cultures of Africa	3
ANTH 135 Magic and Folk Religions	3
ANTH 145 Cultures of the Pacific Rim	3
ANTH/ENG 150 Introduction to Linguistics	3
ANTH/CS 155 Ancient Civilizations of Meso America	3
ANTH 160 Major Themes/Discoveries/Anth	3
ANTH 296 Special Problems in Anthropology	1,2,3
GEOL 100 Physical Geology	3

### Group Two (strongly recommended for focus on technical skills)

ANTH 100L Biological Anthropology Laboratory	1
ANTH 220 Advanced Archaeological Surveying	3
ANTH 297 Special Problems in Archaeology	1,2,3
CE 150 Cooperative Education Internship	2,3
CSIS 179 Access	1
GEOG 120 Intro Geog Info Sys/Software	4
GEOG 132 Database Mgmt/Data Acquisition	4
GEOG 134 GIS Applications	2
GEOG 136 Intermediate ArcGIS: GIS Analysis	2
GEOG 138 GIS Internship	2
DT/RDT 125 AutoCAD Intro to Computer Aided Drafting	3
PHOTO 230 Digital Darkroom	3.5
PSYC/SOC 205 Statistics for the Behavioral Sciences	3

<b>TOTAL UNITS</b>	<b>33</b>
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## COURSE OFFERINGS

An activity may be taken four times for credit. Activity is defined to include all ability levels. (e.g., A student may take a total of only four Archeological Excavation courses for credit.)

**ANTH 100 Introduction to Biological Anthropology (3)**  
3 hours lecture

**Transfer acceptability:** CSU; UC – ANTH 100/100L and 101 combined: max credit, 4 units; CAN ANTH 2

Human bio cultural origins. The place of humans in nature. Fossil evidence for human and other primate evolution; genetic variability; primate behavior; relationship of physical and cultural adaptations.

**ANTH 100L Biological Anthropology Laboratory (1)**  
3 hours laboratory

**Prerequisite:** Completion of, or concurrent enrollment in, ANTH 100

**Transfer acceptability:** CSU; UC

This laboratory course provides an introduction to the methods and techniques used in research in physical/biological anthropology. The topics under study include: the scientific method, principles of evolution, human genetics, human osteology, anthropometrics, forensic anthropology, anatomy and behavior of living nonhuman primates, and paleoanthropology.

**ANTH 101 Introduction to Biological Anthropology (4)**  
3 hours lecture-3 hours laboratory

**Transfer acceptability:** CSU; UC

The lecture and laboratory course provides an introduction to the methods and techniques used in research in biological anthropology. The topics under study include: the scientific method, principles of evolution, human genetics, human osteology, anthropometrics, forensic anthropology, anatomy and behavior of living nonhuman primates, and paleoanthropology.

**ANTH 105 Introduction to Cultural Anthropology (3)**  
3 hours lecture

**Transfer acceptability:** CSU; UC; CAN ANTH 4

An introduction to the study of concepts, theories, and methods used in the comparative study of sociocultural systems. The course typically includes subjects such as subsistence patterns, social and political organization, language and communication, family and kinship, religion, the arts, social inequality, ethnicity, gender, culture change and the application of anthropological perspectives to contemporary issues.

**ANTH 110 Introduction to Archaeology (3)**  
3 hours lecture

**Transfer acceptability:** CSU; UC; CAN ANTH 6

An introduction covering the history, objectives, and methods of archaeology; significant discoveries throughout the old and new worlds, and the history and nature of culture as revealed by archaeology as an anthropological study. Field studies in local areas may be included.

**ANTH 115 Comparative Societies (3)**  
3 hours lecture

**Transfer acceptability:** CSU; UC

A survey of the world's diverse peoples and customs as presented in films, lectures, and case study readings.

**ANTH 120 Archaeological Excavation (3)**  
1 hour lecture 6 hours laboratory

**Transfer acceptability:** CSU

Archaeological field techniques to include a minimum of 90 hours of in field experience. Course will include excavation, use of instruments/tools, and preparation of a project analysis or report.

**ANTH 125 Evolution, Science and Religion (3)**  
3 hours lecture

**Transfer acceptability:** CSU; UC

The course focuses on the long-standing debate surrounding biological evolution and various religious views of creation. The evidence and arguments offered for

and against evolution and creationist world views are examined in the context of science and the scientific method, the influence of cultural and personal values, the nature and use of evidence, and the difference between knowledge and belief.

**ANTH 126 Cultures of Africa (3)**  
3 hours lecture

**Note:** Cross listed as AS 126

**Transfer acceptability:** CSU; UC

Introduction to the indigenous peoples and cultures of Africa. Brief prehistoric and historic background of the continent. Comparative study of traditional cultures representative of the continent's diversity. Focus on social, economic, political, religious and aesthetic life, and culture change.

**ANTH 130 Prehistoric Cultures of North America (3)**  
3 hours lecture

**Note:** Cross listed as AIS 130

**Transfer acceptability:** CSU; UC

Emphasis given to prehistoric cultural traditions of the Eastern Woodlands, Central Plains, Far Western United States, and Canada. Special concern for archaeological problems, reconstruction of these traditions and cultural changes.

**ANTH 135 Magic and Folk Religions (3)**  
3 hours lecture

**Transfer acceptability:** CSU; UC

Anthropological view of the relationships between magic and religion as expressed in rituals, myths, and art is explored through a survey of the less formal or minor religious systems of the world.

**ANTH 140 The Original Californians (3)**  
3 hours lecture

**Note:** Cross listed as AIS 140

**Transfer acceptability:** CSU; UC

Native people of California: Their origin, language, arts, customs, religion, folklore, and music. Special emphasis on Southern California.

**ANTH 145 Cultures of the Pacific Rim (3)**  
3 hours lecture

**Transfer acceptability:** CSU; UC

Peoples and cultures of the Pacific Rim Nations with a focus on cultural similarities and differences in East Asia, Oceania, and the Americas.

**ANTH 150 Introduction to Linguistics (3)**  
3 hours lecture

**Note:** Cross listed as ENG 150

**Transfer acceptability:** CSU; UC

An introduction to the principles and practices of modern language study. Examines the origins and development of language, its social uses and implications, and its structure.

**ANTH 155 Ancient Civilizations of Meso America (3)**  
3 hours lecture

**Note:** Cross listed as CS 155

**Transfer acceptability:** CSU; UC

Civilizations of Pre Columbian Mexico and Central America with a focus on their origins and achievements.

**ANTH 160 Major Themes and Discoveries in Anthropology (3)**

3 hours lecture

**Note:** May be taken 2 times

**Transfer acceptability:** CSU; UC - Credit determined by UC upon review of course syllabus.

A general survey of major themes and discoveries in anthropology such as primatology, culture change phenomena, and civilizations of the Old World. Topics will vary from semester to semester.

**ANTH 205 Advanced Archaeological Excavation (3)**  
 1 hour lecture 6 hours laboratory  
**Recommended preparation:** ANTH 120  
**Note:** May be taken 4 times  
**Transfer acceptability:** CSU  
 Training in excavating archaeological features. Specialized field techniques. Archaeological theory as it applies to site interpretation.

**ANTH 210 Archaeological Surveying (3)**  
 2 hours lecture 2 hours lecture/laboratory  
**Recommended preparation:** ANTH 120  
**Transfer acceptability:** CSU  
 Archaeological surveying techniques including field reconnaissance, use of topographical maps, site recording, and preparation of a project analysis or report.

**ANTH 215 Archaeological Laboratory Analysis (3)**  
 2 hours lecture 2 hours lecture/laboratory  
**Recommended Preparation:** ANTH 120  
**Transfer acceptability:** CSU  
 Training in the laboratory analysis of stone, ceramic, bone, and other artifacts as well as elementary archaeological theory, statistics, and report preparation.

**ANTH 220 Advanced Archaeological Surveying (3)**  
 2 hours lecture-2 hours lecture/laboratory  
**Recommended preparation:** ANTH 210  
**Transfer acceptability:** CSU  
 Advanced archaeological survey techniques including sample survey, site relocation, and the use of Global Positioning System (GPS) and laser transit hardware and software for site recordation, data conversion, site mapping, and the completion of a mapping program.

**ANTH 225 Historical Archaeology (3)**  
 2 hours lecture-2 hours lecture/laboratory  
**Recommended preparation:** ANTH 120  
**Note:** May not be taken for Credit/No Credit grading  
**Transfer acceptability:** CSU  
 Method and theory of historical archaeology, including archival research, artifact identification, and report preparation. Training in the location and interpretation of archival documents, such as Franciscan Mission records, Spanish land grant documents, homestead patents, Sanborn fire insurance maps, assessor's records, and historical topographic maps. Training in the identification of ceramic, glass and metal artifacts and their associated function, method of manufacture, manufacturer, and temporal distribution.

**ANTH 296 Special Problems in Anthropology (1,2,3)**  
 3, 6, or 9 hours laboratory  
**Note:** ANTH 296 and 297 may be taken 4 times as Archaeology AA degree electives for a combined maximum of 6 units.  
**Transfer acceptability:** CSU;UC - Credit determined by UC upon review of course syllabus.  
 An individualized or group project in cultural or physical anthropology of any nature approved by the instructor and under the personal supervision of the instructor.

**ANTH 297 Special Problems in Archaeology (1,2,3)**  
 3, 6 or 9 hours laboratory  
**Note:** ANTH 296 and 297 may be taken 4 times as Archaeology AA degree electives for a combined maximum of 6 units.  
**Transfer acceptability:** CSU; UC - Credit determined by UC upon review of course syllabus.  
 An individualized or group project in archaeology approved by the instructor and under the personal supervision of the instructor.

## Apprenticeship Training (AP)

**Carpentry, Drywall/Lather, Electrician, Sheet Metal, Sound and Communication Systems**

Contact Occupational & Noncredit programs for further information, (760) 744-1150, ext. 2600

Associate in Arts degree requirements, Certificate of Achievement requirements, and Certificate of Proficiency requirements are listed in Section 6 (green pages) of the catalog.

### PROGRAMS OF STUDY

A program for the training of apprentices, consisting of full-time, on-the-job employment plus related classroom instruction.

**A CERTIFICATE OF ACHIEVEMENT and/or JOURNEYPERSON TRADE CERTIFICATE will be awarded students for each program successfully completed. Students who wish to obtain an Associate in Arts Degree may do so by fulfilling the general graduation requirements in addition to the completion of the apprenticeship courses.**

A program is maintained for the training of apprentices in the trades as listed. Students who wish to become apprentices should appear before the appropriate Joint Apprenticeship Committee. Training consists of full-time work on-the-job supplemented by related classroom instruction. All students entered in the apprenticeship work experience program are expected to enter AP WE 110. A maximum of 16 units, credit/no credit only, may be earned in Cooperative Work Experience Education, not to exceed 4 units each semester.

Students whose work or attendance is not satisfactory may be dropped from the program by the College, or other corrective measures may be taken by the Joint Apprenticeship Committee. The College grants academic credit for the successful completion of the training program.

Upon completion of the training program, journey person trade certificates and college achievement certificates are awarded at a special completion ceremony.

The final digit in the course number indicates that period of apprenticeship.

**SAFETY GLASSES** - Education Code 32030-32034 requires that safety glasses be worn in those classes where eye damage might occur. Students in such classes will be so informed by their instructors. Glasses are available at the college bookstore.

### Acoustical Installer (AP AC)

A three-year apprenticeship program. Applicants for this program should be directed to the Carpenters Joint Apprenticeship and Training Committee for Southern California, San Diego Carpenters Training Center, 8595 Miralani Drive, San Diego, CA 92126. Telephone (858) 621-2667.

### A.A. DEGREE MAJOR OR CERTIFICATE OF ACHIEVEMENT\*

Program Requirements	Units
AP DL 201/	
AP AC 201	Orientation/Safety 1.5
AP DL 202/	
AP AC 202	Safety/Health and Safety Certification 1.5
AP DL 203/	
AP AC 203	Blueprint Reading I 1.5
AP DL 204/	
AP AC 204	Blueprint Reading II 1.5
AP AC 205	Introduction to Acoustical Ceilings and Codes 1.5
AP AC 206	Standard Grids I 1.5
AP AC 207	Standard Grids II 1.5