

# CURRICULUM REQUIREMENTS & DESCRIPTION OF COURSES

Areas of Study for Degrees & Certificates.....	71	Diesel Mechanics .....	135
Instructional Divisions.....	72	Economics .....	139
Course Information.....	73	English.....	140
Numbering System.....	73	English as a Second Language.....	144
SCANS Skills and Competencies.....	73	Geography.....	148
Prerequisites.....	73	Geology .....	150
Key to Symbols.....	73	German.....	151
Course Identification Numbering System .....	75	Health Education .....	152
Courses and Curriculum Patterns		Health Professions and Occupations .....	153
African-American Studies .....	76	History .....	154
Anthropology .....	77	Humanities.....	158
Apparel Design and Merchandising.....	79	Kinesiology and Athletics.....	161
Art.....	83	Learning Resources .....	166
Arts and Humanities .....	169	Liberal Arts.....	169
Asian and Asian-American Studies .....	87	Library Information Studies.....	175
Astronomy .....	88	Mathematics .....	176
Auto Body and Paint.....	89	Mexican and Latin-American Studies .....	180
Automotive Technology .....	91	Music .....	182
Aviation Maintenance Technology .....	97	Natural Sciences .....	170
Biology.....	101	Philosophy .....	186
Business.....	104	Physics .....	188
Chemistry .....	110	Political Science .....	190
Chinese .....	112	Psychology .....	195
Communication.....	114	Social and Behavioral Sciences .....	170, 198
Computer Information Systems.....	117	Sociology .....	199
Cooperative Work Experience Education... ..	122	Spanish.....	201
Counseling.....	123	Vietnamese.....	203
Dance .....	125		
Dental Assisting .....	130		

# Areas of Study for Degrees & Certificates

The following is a list of areas of study described in this catalog for which Associate Degrees (AA/AS), Certificates of Achievement (CA), and Certificates of Proficiency (CP) are awarded:

<b>ADAM</b>	Apparel Design & Merchandising CA, AA
<b>AFRAM</b>	African-American Studies AA
<b>ART</b>	Art <ul style="list-style-type: none"> <li>• Art, AA</li> <li>• Art History, AA-T</li> </ul>
<b>AUTOB</b>	Auto Body and Paint: <ul style="list-style-type: none"> <li>• Auto Body CA, AS</li> <li>• Auto Paint CA, AS</li> </ul>
<b>ATECH</b>	Automotive Technology: <ul style="list-style-type: none"> <li>• Engine Performance CA, AS</li> <li>• Chassis &amp; Drivetrain CA, AS</li> <li>• Chassis Specialist CA, AS</li> <li>• Engine Repair Specialist CA, AS</li> <li>• Automotive Electronics Spec. CA, AS</li> <li>• Drivetrain Specialist CA, AS</li> <li>• Light Duty Auto Repair CP</li> </ul>
<b>AMT</b>	Aviation Maintenance Technology: <ul style="list-style-type: none"> <li>• Airframe Technician CA, AS</li> <li>• Powerplant Technician CA, AS</li> </ul>
<b>BIOL</b>	Biology AS
<b>BUS</b>	Business: <ul style="list-style-type: none"> <li>• Accounting AA, CA</li> <li>• Business Administration AS-T</li> <li>• Small Business Administration CP</li> <li>• Transportation, Distribution, and Logistics CA</li> <li>• Warehouse and Forklift Operations CP</li> </ul>
<b>COMM</b>	Communication <ul style="list-style-type: none"> <li>• Communication Studies, AA-T</li> </ul>
<b>CIS</b>	Computer Information Systems: <ul style="list-style-type: none"> <li>• Computer Information Systems CA, AA</li> <li>• Desktop Support Technician CP</li> <li>• Web Publishing CP</li> </ul>

<b>DENTL</b>	Dental Assisting CA, AS
<b>DMECH</b>	Diesel Mechanics CA, AS
<b>ENGL</b>	English AA, AA-T
<b>HIST</b>	History AA, AA-T
<b>HUMAN</b>	Humanities AA
<b>LBART</b>	Liberal Arts <ul style="list-style-type: none"> <li>• Arts &amp; Humanities AA</li> <li>• Social &amp; Behavioral Sciences AA</li> <li>• Natural Sciences AA</li> </ul>
<b>MATH</b>	Mathematics AS, AS-T
<b>M/LAT</b>	Mexican/Latin American Studies AA
<b>POSCI</b>	Political Science <ul style="list-style-type: none"> <li>• Political Science AA, AA-T</li> <li>• Violence Prevention CP</li> </ul>
<b>PSYCH</b>	Psychology AA, AA-T
<b>SOC</b>	Sociology AA, AA-T

Refer to the Degrees and Programs section of the Catalog for requirements for Certificates of Achievement, Certificates of Proficiency and the Associate of Arts or Associate of Science degrees. Curriculum guides are available in the Counseling Office to assist in program planning.



## Instructional Divisions

### Office of Instruction (510) 748-2352

The College offers its academic and occupational courses in the following disciplines through three instructional divisions:

#### I. Science, Technology, Engineering, Arts, and Mathematics (STEAM)

Ana McClanahan, Dean  
(510) 466-5380

Art - ART  
Astronomy - ASTR  
Biology - BIOL  
Chemistry - CHEM  
Computer Information Systems - CIS  
Dance - DANCE  
Geography - GEOG  
Geology - GEOL  
Mathematics - MATH  
Music - MUSIC  
Physics - PHYS

#### II. Career Technical Education (CTE) and Workforce Education

Eva Denise Jennings, Dean  
(510) 748-2318

Alameda Transportation & Logistics Academic Support  
(ATLAS)  
Apparel Design & Merchandising - ADAM  
Auto Body & Paint - AUTOB  
Automotive Technology - ATECH  
Aviation Maintenance Technology - AMT  
Business - BUS  
Cooperative Education - COPED  
Dental Assisting - DENTL  
Diesel Mechanics - DMECH  
Economics - ECON  
Health Education & Occupations - HLTED/HLTOC

#### III. Liberal Studies and Language Arts

Lilia Celhay, Interim Dean  
(510) 748-2234

African-American Studies - AFRAM  
Anthropology - ANTHR  
Asian/Asian-American Studies - ASAME  
Athletics & Kinesiology - ATHL/KIN  
Chinese - CHIN  
Communication Studies - COMM  
English - ENGL  
English as a Second Language - ESL  
German - GERM  
History - HIST  
Humanities - HUMAN  
Learning Resources - LRNRE  
Liberal Arts & Sciences - LASG  
Library Information Systems - LIS  
Mexican/Latin American Studies - M/LAT  
Philosophy - PHIL  
Physical Education (Now Athletics/Kinesiology)  
Political Science - POSCI  
Psychology - PSYCH  
Social and Behavioral Sciences - SOCSC  
Sociology - SOC  
Spanish - SPAN  
Vietnamese - VIET

# Description of Courses

## Course Information

A list of courses with brief descriptions, grouped alphabetically by discipline, is presented on the following pages. Due to low enrollment or to circumstances beyond the College's control, some courses listed may not be offered. Refer to the *Schedule of Classes* published each semester for classes currently offered. Classes are scheduled during day and evening hours, and on Saturday.

## NUMBERING OF COURSES

Course numbers do not necessarily correspond to those found in four-year colleges or universities.

All courses numbered **1-249** are acceptable for credit towards the Associate degree. Some four-year institutions will accept a maximum of 70 semester units in transferable courses. However, some colleges and universities will accept only courses that are equivalent to courses taught at those institutions. The student is strongly advised to consult a counselor for transfer requirements to a particular four-year institution.

Courses numbered **1-199** are designated as baccalaureate-level, degree-applicable courses for transfer to institutions within the California State University and the University of California Systems.

Courses numbered **200-249** are degree-applicable, but are not transferable to institutions within the California State University or the University of California Systems.

Courses numbered **250-299** are not degree-applicable, and are not transferable to institutions within the California State University or the University of California Systems.

Courses numbered **300-399** are not degree-applicable, and are not transferable to institutions within the California State University or the University of California Systems.

Apprenticeship and Cooperative Education courses are numbered **400-499**. Apprenticeship courses are not degree-applicable and are not transferable to institutions within the California State University or the University of California Systems, while Cooperative Education courses are degree-applicable and transferable to institutions within the California State University and the University of California Systems.

Noncredit (zero-unit) courses are numbered **500-699**.

Courses numbered **700-799** are special not-for-credit (zero-unit) courses offered under contract education.

Courses numbered **800-899** are fee-based classes that are offered for no (zero) units and for which students pay fees to cover the cost of instruction. These classes are not listed in the Schedule of Classes. Contact individual departments for the latest offerings

Courses numbered **900-949** are degree-applicable, but are not transferable to institutions within the California State University or the University of California Systems.

Courses numbered **950-999** are not degree-applicable, and are not transferable to institutions within the California State University or the University of California Systems.

Courses selected for transfer follow guidelines of the California State University system and the University of California system. Independent colleges and universities may accept any course(s) they deem appropriate. Students should consult their counselor in planning their programs.

The following table indicates whether courses in each number series are credit/noncredit, applicable for Associate degrees at Peralta colleges, and whether they are transferable to institutions within the California State University and the University of California Systems.

Course Numbers	Credit	Degree-Applicable	Transferable
1-199	Yes	Yes	Yes
200-249	Yes	Yes	No
250-299	Yes	No	No
400-499 (Apprenticeship)	Yes	No	No
400-499 (Coop Ed)	Yes	Yes	Yes
500-699	Non-Credit (Free)	No	No
700-799	Not for Credit (Fee Based)	No	No
800-899	Not for Credit (Fee Based)	No	No
900-949	Yes	Yes	No
950-999	Yes	No	No

### SCANS Skills and Competencies:

College of Alameda's Curriculum Committee requires all courses to include SCANS competencies. The Secretary's Commission on Achieving Necessary Skills (SCANS) was appointed by the Secretary of Labor to determine the skills our students need to succeed in the world of work. The Commission's fundamental purpose was to encourage a high-performance economy characterized by high-skill, high-wage employment. The primary objective of SCANS is to help teachers and students understand how curriculum and instruction must change to enable students to develop high-performance skills needed to succeed in the high-performance workplace. A high-performance workplace requires workers who have a solid foundation in the basic literacy and computational skills, in the thinking skills necessary to put knowledge to work, and in the personal qualities that make workers dedicated and trustworthy. High-performance workplaces also require other competencies: the ability to manage resources, to work amicably and productively with others, to acquire and use information, to master complex systems, and to work with a variety of technologies.

### Prerequisites

Course prerequisites are listed in detail before the course description. Students should be sure they meet all prerequisites before enrolling in a course. A complete statement of the Peralta Community College District policy regarding prerequisites, corequisites and recommended preparation will be found on page 32. Unless a grade requirement is stated as a prerequisite, a passing grade of 2.0 ("C") or better in the prerequisite subject will meet the requirement.

### Key to Symbols

<b>GR</b>	Must be taken for a letter grade.
<b>P/NP</b>	May be taken for Pass/No Pass
<b>GR or P/NP</b>	May be taken for a grade, or Pass/No Pass.

*The decimal numbers which appear on the right hand side of course titles are not intended for student use. They are included for staff use in curriculum planning and budgeting.*

## Course Identification Numbering System (C-ID)

The Course Identification Numbering System (C-ID) is a statewide numbering system that is different from the course numbers assigned by individual California Community Colleges. A C-ID Designator next to a course means that the course is comparable in content and scope to a similar course offered by participating California colleges and universities. Thus, if a catalog lists a C-ID Designator for a course, students can be assured that the course will be accepted at another California Community College that offers a course with the same C-ID Designator.

The C-ID Numbering System is particularly useful for students attending more than one California Community College since C-ID Designators are often applied to courses students need to prepare for transfer.

#	College of Alameda	C-ID Designator
1	ART 2	ARTH 110
2	ART 3	ARTH 120
3	ART 4	ARTH 150
4	ART 20	ARTS 110
5	ART 22	ARTS 205
6	ART 46	ARTS 100
7	ART 47	ARTS 101
8	ART 50	ARTS 210
9	BUS 1A	ACCT 110
10	BUS 1B	ACCT 120
11	BUS 2	BUS 125
12	BUS 10	BUS 110
13	COMM 1A	COMM 180
14	COMM 2A	COMM 170
15	COMM 4	COMM 140
16	COMM 6	COMM 150
17	COMM 20	COMM 130
18	COMM 44	COMM 120
19	COMM 45	COMM 110
20	ECON 1	ECON 202
21	ECON 2	ECON 201
22	ENGL 1B	ENGL 120
23	ENGL 5	ENGL 105
24	ENGL 10A	ENGL 200
25	ENGL 30A	ENGL 130
26	ENGL 30B	ENGL 135

Continued...

#	College of Alameda	C-ID Designator
27	HIST 2A	HIST 170
28	HIST 2B	HIST 180
29	MATH 3A	MATH 210
30	MATH 3C	MATH 230
31	MATH 3E	MATH 250
32	MATH 3F	MATH 240
33	MATH 13	MATH 110
34	PHYS 4A	PHYS 205
35	POSCI 1	POLS 110
36	POSCI 2	POLS 130
37	POSCI 3	POLS 140
38	POSCI 4	POLS 120
39	PSYCH 1A	PSY 110
40	PSYCH 28	PSY 200
41	SOC 1	SOCI 110
42	SOC 2	SOCI 115
43	SOC 3	SOCI 140
44	SOC 5	SOCI 150
45	SOC 120	POLS 160
46	SOC 120	SOCI 120

NOTE: This list changes periodically.

Consult a counselor and/or visit <http://www.c-id.net> or <http://www.assist.org> for the most current list of courses.