

CHABOT COLLEGE
CATALOG ADDENDUM
2007-2008



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WWW.CHABOTCOLLEGE.EDU

CATALOG UPDATE

The current Chabot College Catalog covers the period 2006-2008. Chabot College will not produce a new catalog this year but, rather, this addendum which reflects all changes or corrections through Spring, 2007. It is anticipated that a fully revised college catalog will be produced in Spring 2008.

This catalog supplement should be used by students and staff along with the existing 2006-2008 catalog. Students are strongly encouraged to seek advice from the Counseling Division. Additional information and publications will be made available to students throughout the year as appropriate.

CHABOT COLLEGE CATALOG ADDENDUM

2007-2008

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DIRECTORY

	TELEPHONE NUMBER
President	723-6640
Vice President, Academic Services	723-6627
Applied Technology & Business	723-6653
Arts & Humanities	723-6829
Health Sciences, P.E. & Athletics	723-7484
Language Arts	723-6804
Library	723-7513
Science & Mathematics	723-6898
Social Sciences	723-6670
Vice President, Business Services	723-6994
Bookstore.....	723-6926
Cafeteria	723-6651
Campus Safety.....	723-6923
Vice President, Student Services	723-6743
Admissions and Records.....	723-6700
Children's Center	723-6684
Counseling	723-6718
Disabled Student Resource Center	723-6725
Financial Aid	723-6748
Special Programs and Services	723-6917
Student Life	723-6914

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ACADEMIC CALENDAR 2007-2008

FALL SEMESTER 2007

Orientation Week
August 13, 14.....New Faculty Orientation
August 15District Convocation
August 16.....Staff Development Day
August 17.....Division Day
August 20.....INSTRUCTION BEGINS
August 25.....Instruction Begins Saturday Classes
August 31..... Last day to Add or Drop
(NGR–No Grade of Record) in person
September 1-3..... Holiday Weekend – Labor Day
No Instruction
September 3 Last day to Add or Drop
(NGR–No Grade of Record) online
September 4CENSUS DAY
September 21 Deadline to apply for Credit/No Credit
October 31.....60% Point for Financial Aid
November 9 Last day to drop with a “W” (Withdrawl)
(in person and online)
November 10Saturday classes meet
November 11 Holiday – Veterans Day
November 21, 22, 23, 24 Holiday – Thanksgiving
No Instruction
December 8..... Last Day of Instruction, Saturday Classes
December 14..... LAST DAY OF INSTRUCTION
December 15..... Final Examination for Saturday Classes
December 17-21 Final Examination Period
January 4.....Deadline for Instructors to File Grades
December 23-January 22..... Semester Recess (No Instruction)

SPRING SEMESTER 2008

January 21.....Holiday – Martin Luther King, Jr., Day
January 22.....INSTRUCTION BEGINS
January 26.....Instruction Begins Saturday Classes
February 8..... Last day to Add or Drop
(NGR–No Grade of Record) in person
February 10..... Last day to Add or Drop
(NGR–No Grade of Record) online
February 11.....CENSUS DAY
February 15, 16, 18.....Holiday – Presidents' Days
February 22..... Deadline to apply for Credit/No Credit
March 22Saturday classes meet
March 24-29Spring Break (No Instruction)
March 3160% Point for Financial Aid
April 11..... Last day to drop with a “W” (Withdrawl)
(in person and online)
April 18.....Deadline to Apply for Graduation
End of Spring Semester 2008
May 17.....Last Day of Instruction, Saturday Classes
May 23..... LAST DAY OF INSTRUCTION
May 24..... Final Examination for Saturday Classes
May 26..... Holiday – Memorial Day
May 24-30 Final Examination Period
May 31..... Commencement
June 6.....Deadline for Instructors to File Grades

GENERAL INFORMATION

CHANGES TO PAGE 14

FEES

(Revise)

Enrollment Fee: \$20 per semester unit (subject to change).

Nonresident Tuition: Out-of-state students are required to pay \$170 per semester unit in addition to the enrollment fee and basic fees.

International, Non-immigrant Visa Tuition: International students and non-immigrant aliens attending on other visa types are required to pay \$175 per semester unit in addition to the enrollment fee and basic fees.

Student Body Fee: This is an optional \$5.00 fee.

Parking Fee: Students who wish to park their vehicles on College parking lots must purchase their parking permit or a ticket for each day that parking is desired. The fee is \$30.00 per semester-4 wheel vehicle; \$15.00 per semester-motorcycle, and \$2.00 for daily parking.

Student Health Fee: Mandatory health service fee of \$13 per semester...

CHANGES TO PAGE 16

(Add after Catalog Requirements)

GENERAL EDUCATION RECIPROCALITY WITH COMMUNITY COLLEGES

Effective Fall 2007, the Chabot-Las Positas Community College District has entered into a mutual agreement with seven other local community colleges to accept the General Education and graduation proficiency of these colleges as completed for Chabot College and Las Positas College. The participating colleges are: DeAnza College (Cupertino), Evergreen Valley College (San Jose), Foothill College (Los Altos Hills), Gavilan College (Gilroy), Mission College (Santa Clara), San Jose City College (San Jose), and West Valley College (Saratoga).

Students who obtain an official General Education Reciprocity Program Certification (which verifies completion of Associate Degree General Education and graduation proficiency) or complete an associate degree at any one of the participating colleges will have both their General Education course work and graduation proficiency accepted as completing Chabot College's and Las Positas College's General Education and graduation proficiency for the Associate in Arts and/or the Associate in Science Degree. No additional general education course work will be required if the certification is officially presented. Students will still be required to complete all courses or prerequisites needed for a major. The agreement also means that the other participating colleges will accept the General Education and graduation proficiency pattern of Chabot College and Las Positas College if an official General Education Reciprocity Program Certification is presented at any of the member colleges. Students must request certification at Admissions and Records, Building 100. This agreement will be reviewed periodically.

GRADUATION REQUIREMENTS

CHANGES TO PAGE 17

I. ASSOCIATE IN ARTS DEGREE (A.A.)

A. LANGUAGE AND RATIONALITY

Writing and Critical Thinking

(Add)

Spanish 2A*, 2B

Communication and Analytical Thinking

(Add)

French 1A*, 1B*

Geography 21*, 22*

German 1A*, 1B*

Italian 1A*, 1B*

Japanese 1A*, 1B*

Mathematics 57

Spanish 1A*, 1B*

Theater Arts 3

(Delete)

Foreign Language 1A*, 1B*

B. Natural Science

(Add)

Biotechnology 20, 30

Geography 21*, 22*

C. HUMANITIES

(Add)

Art 56, 57, 58, 59

Art History 1, 4, 5, 6, 20, 50, 51, 52

English 11

French 2A* (add asterisk)

Humanities 60, 68

Philosophy 60, 65, 70

Photography 20

Religious Studies 70

Spanish 2A* (add asterisk)

(Revise)

Theater Arts 1 (changed from 1A)

(Delete)

Art 1, 4, 5, 6, 67

Foreign Language 2A

Humanities 28

Philosophy 2, 4, 25

Photography 67

D. SOCIAL AND BEHAVIORAL SCIENCES

(Add)

Ethnic Studies 1, 2, 3

Geography 21*, 22*

**May be used to fulfill one area only.*

E. WELLNESS

2. Physical Education

(Add)

Physical Education 62

(Revise)

Students who hold an AA/AS Degree or higher are exempt. Exemption is allowed for illness or physical disability. You must file a "Request for Course Substitution or Waiver," available in the Counseling Office. You will need a physician's statement. See a counselor for assistance.

AMERICAN CULTURES

(Add)

Ethnic Studies 1

Speech 11

CHANGES TO PAGE 19

I. ASSOCIATE IN SCIENCE DEGREE (A.S.)

A. LANGUAGE AND RATIONALITY

Communication and Analytical Thinking

(Add)

French 1A*, 1B*

Geography 21*, 22*

German 1A*, 1B*

Italian 1A*, 1B*

Japanese 1A*, 1B*

Mathematics 57

Spanish 1A*, 1B*

Theater Arts 3

(Delete)

Foreign Language 1A*, 1B*

B. Natural Science

(Add)

Biotechnology 20, 30

Geography 21*, 22*

C. HUMANITIES

(Add)

Art 56, 57, 58, 59

Art History 1, 4, 5, 6, 20, 50, 51, 52

English 11

French 2A* (add asterisk)

Humanities 60, 68

Philosophy 60, 65, 70

Photography 20

Religious Studies 70

(Revise)

Theater Arts 1 (changed from 1A)

(Delete)

Art 1, 4, 5, 6, 67

Foreign Language 2A

Humanities 28

Philosophy 2, 4, 25

Photography 67

Religious Studies 1

D. SOCIAL AND BEHAVIORAL SCIENCES

(Add)

Ethnic Studies 1, 2, 3

Geography 21*, 22*

*May be used to fulfill one area only.

E. HEALTH or AMERICAN INSTITUTIONS AND PHYSICAL EDUCATION

2. Physical Education

(Add)

Physical Education 62

(Revision)

Students who hold an AA/AS Degree or higher are exempt. Exemption is allowed for illness or physical disability. You must file a "Request for Course Substitution or Waiver," available in the Counseling Office. You will need a physician's statement. See a counselor for assistance.

AMERICAN CULTURES

(Add)

Ethnic Studies 1

Speech 11

TRANSFER TO A FOUR-YEAR COLLEGE OR UNIVERSITY

CHANGES TO PAGE 21

(Insert from Page 22; revise)

TRANSCRIPTS FROM OTHER COLLEGES AND UNIVERSITIES

Any student enrolled at Chabot College who has academic credit for courses taken at other accredited colleges/universities must submit official transcripts of that work to the Admissions and Records Office. Official transcripts are defined as academic records that are sent from other institutions to Chabot. They can be hand carried by the student, but must be unopened (sealed). If there is evidence that the transcripts have been opened, the student will be requested to have the former school mail transcripts directly to Chabot.

Transcripts received from other institutions cannot be forwarded. This does not apply to Las Positas College, since academic information from both Chabot and Las Positas Colleges is recorded on the same transcript.

Official transcripts are required for the following academic transactions:...

(Add to end of section)

Unofficial transcripts (those that have been opened) can be used for:

1. Unofficial evaluation by a counselor
2. Prerequisite over-rides
3. Student Education Plan (SEP) development with a counselor
4. Petitions for course substitutions and waivers

(Revise, including title)

TRANSFER EMPLOYMENT & CAREER SERVICES CENTER

The Chabot College TECS Center specializes in working with students who intend to transfer to a 4-year college or university. Also, TECS provides employment services to students for on/off campus work. The TECS Center is located in Building 100, Room 146. For more information, students may call 723-6720. The following resources are available through the TECS Center:

- Transfer assistance and information
- College catalogs
- Representatives from local universities available for transfer assistance
- Transfer and career related workshops
- Admission application information and workshops
- Personal statement assistance (UC)
- University Transfer Day and Transfer Night
- Internet access to national and international transfer opportunities: ASSIST, College Source On-line, University transfer applications
- College and university websites
- Education and scholarship information
- Major preparation information and assistance
- Other materials and assistance available as well
- Annual job fair
- Representatives from local businesses seeking employees

CHANGES TO PAGES 22-25

(Revise)

ASSIST

www.assist.org, a database computer software program, is the official California statewide repository of course comparability information between the three public post-secondary systems in California...Chabot College strongly recommends that students see a counselor for assistance. ASSIST has expanded its capabilities and now offers an "Exploring Majors" component. Links are provided to all CSU and UCs and many times directly to the school's web page for specific majors.

(Revise)

CALIFORNIA ARTICULATION NUMBER (CAN) SYSTEM AND CSU, LDTP: LOWER DIVISION TRANSFER PATTERNS AND TCSU NUMBERS

Chabot College participated in the California Articulation Number (CAN) System. The CAN System, based on course-to-course articulation, simplified the identification...

...Anticipated implementation of this program [LDTP] is Fall 2009.

Along with the LDTP, CSU will also implement their new common course numbering system, TCSU (Transfer – CSU). Eventually, the TCSU numbers will replace CAN numbers. During this transition period our catalog and class schedule will reflect both.

GENERAL EDUCATION REQUIREMENTS FOR CALIFORNIA STATE UNIVERSITY

(Add)

It is strongly recommended that students consult with a counselor to determine which general education pattern is best for their transfer program.

Intersegmental General Education Transfer Curriculum (IGETC) FLYER #129

(Add)

Placement of a course will be based on the college of attendance and its IGETC pattern at the time the course was taken. See a counselor for assistance.

Certification does not happen automatically; the student must request IGETC Certification at the same time a request for a final transcript to be sent to the CSU or UC school is made. Requests for IGETC Certification are made with Admissions and Records, Building 100.

CSU General Education Breadth Requirements FLYER #101

(Add)

Full CSU/GE Certification: Students are eligible for FULL CSU/GE CERTIFICATION when they have completed the required number of units and courses in each GE Area. Students with full certification will not have to complete additional lower division GE requirements that may be required at the CSU transfer school.

Partial CSU/GE Certification: Partial CSU/GE Certification is granted when one or more GE Area has been completed. A student who transfers to a CSU with partial GE Certification will not have to complete additional GE requirements in that same GE area upon transfer.

Certification does not happen automatically; the student must request CSU/GE Certification at the same time a request for a final transcript to be sent to the CSU school is made. Requests for CSU/GE Certification are made with Admissions and Records, Building 100.

GENERAL EDUCATION REQUIREMENTS FOR THE UNIVERSITY OF CALIFORNIA

Intersegmental General Education Transfer Curriculum (IGETC) Certification FLYER #129

(Add after #6)

Proficiency equivalent to two years of high school study in the same language. This requirement can be satisfied by: (1) Proficiency equivalent to two years of high school study in the same language completed with a "C" or better, (2) earning a 3 or higher on the Foreign Language Advanced Placement Test, (3) earning a score of 500 or better on the College Board Achievement Test or (4) as a native speaker of a language other than English, demonstration of foreign language proficiency, (5) or complete one of the following courses: French 1B, or German 1B, or Italian 1B, or Japanese 1B, or Spanish 1B or American Sign Language 65 (Other languages may apply; see a counselor).

IGETC - Effective Fall 2007, Spring 2008, Summer 2008 and thereafter

(*) A course may be listed in more than one area, but shall not be certified in more than one area. (+) Transfer credit may be limited by UC or CSU or both.	C=Completed IP=In Progress N=Needs to Complete	C	IP	N
AREA 1 - ENGLISH COMMUNICATION CSU certification requires 3 courses - one from each group below (Group A, B, and C). UC certification requires 2 courses - one from group A and one from group B. Group A: English Composition (1 course, 3 sem/4-5 qtr units) English 1A Group B: Critical Thinking (1 course, 3 sem/4-5 qtr units) Course must have English Composition as a prerequisite. English 4 or English 7 Group C: Oral Communication (CSU only: 1 course, 3 sem/4-5 qtr units) Speech 1 or 46				
AREA 2 - MATHEMATICAL CONCEPTS AND QUANTITATIVE REASONING (1 course, 3 sem/4-5 qtr units) Math 1*, 2*, 3, 4, 6, 8, 20*, 31, 32, 33*, 35, 40, 43				
AREA 3-ARTS AND HUMANITIES (At least 3 courses, 9 sem/12-15 qtr units. At least one course must be from the ARTS area and one course must be from the HUMANITIES area.) ARTS: Art History 1, 4, 5, 20 Music 1, 4 Photography 20 Theater Arts 10, 11, 12 HUMANITIES: English 20, 21, 22, 30, 32, 33, 45, 47 Foreign Language 2A, 2B General Studies 31 History 1*, 2* Humanities 68, 75 Philosophy 50, 60, 65, 70 Religious Studies 50, 64, 65, 72				
AREA 4 - SOCIAL AND BEHAVIORAL SCIENCES (At least 3 courses, 9 sem/12-15 qtr units. Courses MUST be completed from at least TWO disciplines or from an Interdisciplinary Sequence.) 4A Anthropology Anthropology 1*, 2, 3, 5, 8, 12 4B Economics Economics 1, 2, 5, 10* 4C Ethnic Studies Psychology-Counseling 4* Sociology 10 4E Geography Geography 2, 3, 5, 12 4F History History 1*, 2*, 7*, 8*, 12*, 19, 20*, 21*, 22*, 25*, 27*, 44 4H Political Science Political Science 1*, 2*, 20, 25, 30, 40 4I Psychology Psychology-Counseling 13 Psychology 1, 2, 3, 6, 18, 33 4J Sociology & Criminology Sociology 1, 2, 3, 4, 10, 11, 30				
AREA 5 - PHYSICAL AND BIOLOGICAL SCIENCES (At least 2 courses, 7-9 sem/9-12 qtr units) One course Physical Science and One course Biological Sciences. A <u>lab</u> must be included in either selection. 5A PHYSICAL SCIENCE: Astronomy 1, 10*, 20*, Lab Only Astronomy 30 Chemistry 1A*, 1B*, 5, 8, 10*, 12A, 12B, 30A*, 30B*, 31+ Geography 1, 8, Lab Only Geography 1L Geology 1A, 1B, 10*, 21, Lab Only Geology 10L, 21 Physics 2A*, 2B*, 4A*, 4B*, 4C*, 5, 11 5B BIOLOGICAL SCIENCES: Anatomy 1* Anthropology 1*, Lab Only Anthropology 1L Biology 2A, 2B, 5, 10*, 20, 25, 31*, 50* Ecology 10*, 11* Microbiology 1 Physiology 1*				
LANGUAGE OTHER THAN ENGLISH (UC ONLY Requirement) Proficiency equivalent to two years of high school study in the same language. This requirement can be satisfied by: (1) Proficiency equivalent to two years of high school study in the same language completed with a "C" or better, (2) earning a 3 or higher on the Foreign Language Advanced Placement Test, (3) earning a score of 500 or better on the College Board Achievement Test or (4) as a native speaker of a language other than English, demonstration of foreign language proficiency, (5) or complete one of the following course; French 1B, or German 1B, or Italian 1B, or Japanese 1B, or Spanish 1B or American Sign Language 65 (Other languages may apply, see a counselor)				
CSU GRADUATION REQUIREMENT - U.S. HISTORY, CONSTITUTION AND AMERICAN IDEALS While this 6 unit requirement is not part of IGETC Certification, it is recommended that students transferring to the CSU system complete the two courses. Courses used for this requirement MAY NOT be used to satisfy any other area of IGETC. One of the following combinations will satisfy this requirement. Choose either History 7 and SELECT ONE from the following: History 8, 12, 21, 22, 25, 27, Political Science 1, 2 OR Political Science 1 and SELECT ONE from the following: History 7, 8, 20, 21, 22, 25, 27 for a total of 6 units.				
PLEASE NOTE THIS IMPORTANT INFORMATION: Certification does not happen automatically; the student must request IGETC Certification at the same time a request for a final transcript to be sent to the CSU or UC school is made. Certification is completed by the last community college attended. Requests for IGETC Certification are made with Admissions and Records, Building 100.				

The material in this publication has been prepared from IGETC handouts as carefully as possible. Chabot College does not assume responsibility for inaccuracies or changes in the information contained herein after the date of publication
 Rev: cp 4/07

CHANGES TO PAGES 26-30

ADVANCED PLACEMENT PROGRAM

(Add)

Students transferring to University of California (UC) schools should check ASSIST (www.assist.org) for any specific AP score information for some specific majors, notably Engineering.

CHABOT COLLEGE

COLLEGE BOARD ADVANCED PLACEMENT (AP) EXAMINATION CREDITS

(Revise)

AP Examination	AP Score	Subject Credit Given For:	Prerequisite Met For the Following Course(s)	Chabot Credits Issued For Graduation	1. AA/AS GE 2. CSU/GEB 3. IGETC Requirements Met
GOVERNMENT & POLITICS Comparative	3, 4, 5	Political Science 20	n/a	3 units	1. Satisfies Area D 2. 3 units toward Area D8 (not used for A.1.) 3. 3 units toward Area 4

DEGREE AND CERTIFICATE PROGRAMS

(Add/Revise)

Program	Associate in Arts	Associate in Science	Certificate of Achievement	Certificate of Completion	Certificate
Business Graphics				X	
Case Management for Human Services				X	
Digital Design				X	
English (Emphasis in Literature)	X				
Geographic Information Systems				X	
Liberal Arts (Changed from Liberal Studies)	X				

ARCHITECTURE (ARCH)

CHANGES TO PAGE 36

(Delete)

31A	PHOTOSHOP I	1 1/2 UNITS
31B	PHOTOSHOP II	1 1/2 UNITS
32A	ILLUSTRATOR I	1 1/2 UNITS
32B	ILLUSTRATOR II	1 1/2 UNITS

ART (ART)

CHANGES TO PAGES 37-40

(Add)

CERTIFICATE OF COMPLETION:

DIGITAL DESIGN

GRAPHIC DESIGN

(Revise)

GRAPHIC DESIGN

ASSOCIATE IN ARTS DEGREE

FRESHMAN YEAR	FALL	SPRING
Art 56 (Graphic Design I)	3	
Digital Media 31A (Photoshop I)	1 1/2	
Digital Media 32A (Illustrator I)	1 1/2	

Art 57 (Graphic Design Internship)	2
Art 58 (Graphic Design II)	3
SOPHOMORE YEAR	FALL SPRING
Art 55 (Introduction to Graphic Design Careers)	2
Art 61 (Illustration)	3
Art 45 (Creative Portfolio and Self-Promotion)	2
Art 59 (Graphic Design III)	3
Total	21

(Add)

DIGITAL DESIGN

CERTIFICATE OF COMPLETION

FRESHMAN YEAR	FALL SPRING
Art 56 (Graphic Design I)	3
Digital Media 31A (Photoshop I)	1½
Digital Media 32A (Illustrator I)	1½
Art 58 (Graphic Design II)	3
Digital Media 35A (Dreamweaver I)	1½
SOPHOMORE YEAR	FALL SPRING
Art 55 (Introduction to Graphic Design Careers)	2
Digital Media 34A (Flash I)	1½
Art 45 (Creative Portfolio and Self-Promotion)	2
Total	16

(Revise)

GRAPHIC DESIGN

CERTIFICATE OF COMPLETION

FRESHMAN YEAR	FALL SPRING
Art 56 (Graphic Design I)	3
Digital Media 31A (Photoshop I)	1½
Digital Media 32A (Illustrator I)	1½
Art 58 (Graphic Design II)	3
SOPHOMORE YEAR	FALL SPRING
Art 55 (Introduction to Graphic Design Careers)	2
Art 59 (Graphic Design III)	3
Art 45 (Creative Portfolio and Self-Promotion)	2
Total	16

ART (ART)

(Delete)

1	INTRODUCTION TO ART	3 UNITS
4	ART HISTORY—ANCIENT	3 UNITS
5	ART HISTORY—RENAISSANCE TO MODERN	3 UNITS
6	MUSEUM STUDIES	4½ UNITS
31A	PHOTOSHOP I	1½ UNITS
31B	PHOTOSHOP II	1½ UNITS
32A	ILLUSTRATOR I	1½ UNITS
32B	ILLUSTRATOR II	1½ UNITS

40	GRAPHIC DESIGN PRINCIPLES	3 UNITS
41	APPLIED GRAPHIC DESIGN	3 UNITS
43	TYPOGRAPHY AND PUBLICATION DESIGN	3 UNITS

(Revised transferability)

11	DESIGN, MATERIALS, AND COLOR	3 UNITS
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Color theory as it applies to two and three dimensional design. 2 hours lecture, 4 hours studio. Transfer: CSU, UC; (CAN ART 22.)

(Add)

56	GRAPHIC DESIGN I	3 UNITS
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Introduction to the field of graphic design and use of typography and up to six field trips to explore industry related occupations. Assignments include creating graphic designs and advertising designs. Prerequisite: Digital Media 31A (*completed with grade of "C" or higher*). 2 hours lecture, 4 hours laboratory. Transfer: CSU; AA/AS.

(Add)

57	GRAPHIC DESIGN INTERNSHIP	2 UNITS
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(*May be repeated 3 times.*)
Work experience in a graphic design studio or related environment. To be approved by the instructor and employer. Work time and hours are to be arranged by the employer and student. Position may be paid or unpaid. Prerequisite: Art 56 (*completed with grade of "C" or higher*). 7 hours laboratory. Transfer: CSU; AA/AS.

(Add)

58	GRAPHIC DESIGN II	3 UNITS
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Creation and production of advanced graphic designs for real clients. Prerequisite: Art 56 (*completed with grade of "C" or higher*). 2 hours lecture, 4 hours laboratory. Transfer: CSU; AA/AS.

(Add)

59	GRAPHIC DESIGN III	3 UNITS
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Advanced graphic design and typography, with emphasis placed on creating and crafting package and label designs. Prerequisite: Art 56 (*completed with grade of "C" or higher*). 2 hours lecture, 4 hours laboratory. Transfer: CSU; AA/AS.

(Delete)

60	ADVERTISING PRODUCTION	3 UNITS
67	HISTORY OF PHOTOGRAPHY	3 UNITS

(New discipline)

ART HISTORY (ARTH)

(Add—Formerly Art 1)

1	INTRODUCTION TO ART	3 UNITS
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Architecture, sculpture, painting, photography and design in relation to human inventiveness in providing for material and aesthetic needs; orientation to contemporary and historic art forms and principles. (Formerly ART 1; may not receive credit if ART 1 has been completed.) 3 hours. Transfer: CSU, UC; CSU/GE: C1; IGETC: Area 3; AA/AS.

(Add— Formerly ART 4)

4 ART HISTORY—ANCIENT TO GOTHIC 3 UNITS
History of Western art from prehistoric times through Egyptian, Mesopotamian, Aegean, Greek, Etruscan, Roman, Early Christian, Byzantine, Medieval, Romanesque and Gothic civilizations. (Formerly ART 4 ; may not receive credit if ART 4 has been completed.) 3 hours. Transfer: CSU, UC; CSU/GE: C1; IGETC: Area 3; AA/AS; (CAN ART 2); with ARTH 5: (CAN ART SEQ A)

(Add—Formerly ART 5)

5 ART HISTORY—RENAISSANCE TO MODERN 3 UNITS

History of Western art from Early Renaissance through High Renaissance, Mannerism, Baroque, Neoclassicism, Romanticism, Realism, Impressionism, Post-Impressionism, and 20th Century developments of American art. (Formerly ART 5; may not receive credit if ART 5 has been completed.) 3 hours. Transfer: CSU, UC; CSU/GE: C1; IGETC: Area 3; AA/AS; (CAN ART 4); with ARTH 4: (CAN ART SEQ A)

(Add)

6 ART HISTORY—TWENTIETH-CENTURY ART 3 UNITS

History of significant Modern, Postmodern and Contemporary art movements. Lectures include discussions of works made in various media by well-known and lesser-known makers, including women artists, non-western artists, and artists of color. 3 hours.

(Add—Formerly ART/PHOT 67)

20 HISTORY OF PHOTOGRAPHY 3 UNITS
(See also *Photography 67*)

A broad chronological survey of photography from its invention to the present. Considers the medium's dual role as technology and art. Addresses a multiplicity of photographic themes and purposes. Considers the intersections of photography and technology, history, art, and everyday life. May not receive credit if Photography 20, Photography 67 or Art 67 has been completed. (Formerly ART/PHOT 67) 3 hours. Transfer: CSU, UC; CSU/GE: C1; IGETC: Area 3; AA/AS.

CHANGES TO PAGES 41-45

AUTOMOTIVE TECHNOLOGY (ATEC)

**AUTOMOTIVE TECHNOLOGY
ASSOCIATE IN SCIENCE DEGREE**

FRESHMAN YEAR FALL SPRING

(Revised course number)

Replace Automotive Technology 60A
with Automotive Technology 60*
(Automotive Electrics/Electronics) 4

(Add after footnotes)

Emphasis 1 - Maintenance, add:
*Automotive Technology 61 (Fuel Induction
Systems)* 4 units
*Automotive Technology 64A (Manual Drive
Train and Axel Assemblies)* 3 units

*Automotive Technology 64B (Automatic
Transmission/Transaxel Assemblies)* 3 units
*Automotive Technology 71 (Powertrain and
Vehicle Performance)* OR
*Automotive Technology 71A (Powertrain
and Vehicle Performance I)* and
*Automotive Technology 71B (Powertrain
and Vehicle Performance II)* 8 units

Emphasis 2 - Chassis, add:

*Automotive Technology 63A (Introduction to
Engines and Machining Processes)* 3 units
*Machine Tool Technology 60A (Machine Tool
Technology I)* 4 units

Emphasis 3 - Drivetrain, add:

*Automotive Technology 61 (Fuel Induction
Systems)* 4 units
*Automotive Technology 64A (Manual Drive
Train and Axel Assemblies)* 3 units
*Automotive Technology 64B (Automatic
Transmission/Transaxel Assemblies)* 3 units

Emphasis 4 - Engine Machining, add:

*Automotive Technology 63B (Engines,
Machining and Assembly Processes)* 3 units
*Machine Tool Technology 60A (Machine Tool
Technology I)* 4 units

Emphasis 5 Engine Performance, add:

*Automotive Technology 61 (Fuel Induction
Systems)* 4 units
*Automotive Technology 63B (Engines,
Machining and Assembly Processes)* 3 units
*Automotive Technology 68 (California BAR
Basic and Advanced Clean Air Car Course)* 5 units
*Automotive Technology 71 (Powertrain and
Vehicle Performance)* OR
*Automotive Technology 71A (Powertrain
and Vehicle Performance I)* and
*Automotive Technology 71B (Powertrain
and Vehicle Performance II)* 8 units

The above listing is a suggested sequence only. Some courses may have prerequisites. Students may take courses in any sequence except where a prerequisite applies.

**AUTOMOTIVE MAINTENANCE TECHNOLOGY
CERTIFICATE OF ACHIEVEMENT**

FALL SPRING

(Revised course number and title)

Automotive Technology 60*
(Automotive Electrics/Electronics) 4

(Revised course number)

Automotive Technology 61 (Fuel
Induction Systems) 4

AUTOMOTIVE CHASSIS TECHNOLOGY
CERTIFICATE OF ACHIEVEMENT

FALL SPRING

(Revised course number and title)

Automotive Technology 60*
(Automotive Electrics/Electronics) 4

AUTOMOTIVE DRIVETRAIN TECHNOLOGY
CERTIFICATE OF ACHIEVEMENT

FALL SPRING

(Revised course number and title)

Automotive Technology 60*
(Automotive Electrics/Electronics) 4

**AUTOMOTIVE ENGINE
PERFORMANCE TECHNOLOGY**
CERTIFICATE OF ACHIEVEMENT

FALL SPRING

(Revised course number and title)

Automotive Technology 60*
(Automotive Electrics/Electronics) 4

(Revised course number)

Automotive Technology 61 (Fuel
Induction Systems) 4

AUTOMOTIVE TECHNOLOGY (ATEC)

(Revised course number, title, advisory course)
60 AUTOMOTIVE ELECTRICS/ELECTRONICS 4 UNITS
(May be repeated 3 times)

Automotive electrical/electronic systems. Basic electrical circuits, components, battery, starting, charging, and basic wiring systems. Electrical components and the use of basic wiring diagrams for trouble shooting systems. Repair of wiring circuits and correct use of diagnostic equipment. Prerequisite: Automotive Technology 50 (may be taken concurrently). Strongly recommended: Automotive Technology 61, Industrial Technology 74. 2.5 hours lecture, 5.5 hours laboratory.

(Delete)

60B AUTOMOTIVE ELECTRICS/
ELECTRONICS II 4 1/2 UNITS

(Revised course number, title, advisory course)
61 FUEL INDUCTION SYSTEMS 4 UNITS
(May be repeated 3 times)

Introduction to the principles of automotive fuel induction systems, including the inspection, diagnosis, and evaluation of fuel storage, fuel pumps, carburetion, intake manifolds, combustion theory, exhaust analysis, engine operation principles and introduction to fuel injection systems. Prerequisite: Automotive Technology 50 (may be taken concurrently). Strongly recommended: Automotive Technology 60. Transfer: CSU. 2.5 hours lecture, 5.5 hours laboratory.

(Delete)

61B FUEL INDUCTION, EMISSION AND
COMPUTER CONTROL SYSTEMS II 3 1/2 UNITS

(Revise)
68 CALIFORNIA BAR BASIC AND 5 UNITS
ADVANCED CLEAN AIR CAR COURSE

(May be repeated 3 times)

Motor vehicle emission inspection and maintenance. Includes the Bureau of Automotive Repair (BAR) requirements for the Basic Clean Air Car Course (BCACC) and the Advanced Clean Air Car Course (ACACC). The BCACC includes BAR regulations, Smog Check test procedures, an overview of emissions control devices, and current OBDII requirements and updates. The ACACC includes the Dyno Transition and Advanced Emissions Diagnosis requirements. Required for eligibility to take the State Licensing exam at completion of the course: one year trade experience in emissions/tune up, or nine semester units (13 quarter units) in Automotive Technology, or 180 hours at an accredited automotive school. Automotive Service Excellence (ASE) certification in the Electrical (A6), Engine Performance (A8), and Advanced Engine Performance (L1) also required in order to take the State Exam. The BAR A6, A8, and L1 ASE alternative courses are not included in this course. 4 hours lecture, 4 hours laboratory.

(Delete)

70 INTRODUCTION TO AUTOMOTIVE 2 UNITS
SERVICE

(Revise prerequisites)

71 POWERTRAIN AND VEHICLE 8 UNITS
PERFORMANCE

(May be repeated 3 times)

Continued study of electrical/electronic and fuel control systems, including engine management systems, emission control systems, emissions testing, drivability and vehicle performance diagnosis and repair. Prerequisites: Automotive Technology 60 and 61. 5 hours lecture, 11 hours laboratory.

(Revise prerequisites)

71A POWERTRAIN AND VEHICLE 4 UNITS
PERFORMANCE I

(May be repeated 3 times)

Continued study of electrical and electronic systems, including computer management systems, drivability and vehicle performance diagnosis and repair related to electrical system problems. May not receive credit if Automotive Technology 71 has been completed. Prerequisites: Automotive Technology 60 and 61. 2.5 hours lecture, 5.5 hours laboratory.

BIOLOGICAL SCIENCES

CHANGES TO PAGE 47

(New Discipline)

BIOTECHNOLOGY (BIOT)

(Add)

20 CHEMISTRY FOR BIOTECHNOLOGY 4 UNITS

This course covers the basic concepts of inorganic and organic chemistry, and biochemistry as they apply to the human body. Included are concepts such as properties of aqueous systems, equilibrium, acid-base reactions, proteins, nucleic acids and

catabolic processes. There is an emphasis on safety and proper technique. This course satisfies the requirements of the biotechnology program. Strongly recommended: Math 65 or 65B or 65L (*completed with grade of "C" or higher*) and eligibility for English 1A. 3 hours lecture, 3 hours laboratory. Transfer: CSU; CSU/GE: B1, B3; AA/AS.

(Add)

30 BASIC BIOTECHNOLOGY:
INTRODUCTION TO CELL AND
MOLECULAR BIOLOGY 4 UNITS

Basic biological concepts, for example, measuring volume and mass, preparing solutions, performing aseptic technique, using micropipettors, operating a spectrophotometer, microscope, pH meter, and electrophoresis apparatus. Also included are culture techniques and concepts of recombinant DNA. Strongly recommended: Mathematics 65 or 65B or 65L (*completed with grade of "C" or higher*) or appropriate skill level as demonstrated by the mathematics placement test, CAS 8 or CSCI 8 or equivalent and eligibility for English 1A. 3 hours lecture, 3 hours laboratory. Transfer: CSU; CSU/GE: B2, B3; AA/AS.

CHANGES TO PAGES 48-52

BUSINESS (BUS)

BUSINESS

ASSOCIATE IN SCIENCE DEGREE

Emphasis 2 - Management

Business 21 (Human Resource Management).....3 units

Select a minimum of 6 units from the following options:

(Delete)

Business 28 (Human Relations in the
Workplace)3 units

(Add)

Business 50G (Negotiating Skills)1 unit
Business 50H (Practical Business Ethics)1 unit
Business 50J (Time Management Skills).....1 unit

Emphasis 3 - Marketing

Business 34 (Introduction to Advertising)3 units

Select a minimum of 6 units from the following options:

Business 26 (Small Business Management)3 units
Business 31 (Professional Selling)3 units
Business 32 (Retail Store Management).....3 units
Business 50A (Skills for Supervisors)1 unit
Business 50B (Business Etiquette
and Professionalism)1 unit
Business 50C (Interviewing for Success).....1 unit
Business 50D (Resumes and Job Application
Letters)1 unit
Business 50E (Business Email)1 unit
Business 50F (Developing a Business Plan)1 unit
Business 50G (Negotiating Skills)1 unit
Business 50H (Practical Business Ethics)1 unit
Business 50J (Time Management Skills).....1 unit

Business 95/Work Experience 95
(Work Experience).....1-3 units
Business 96/Work Experience 96
(Work Experience Seminar)1 unit
Computer Application Systems 82
(Designing Web Pages)3 units

MARKETING

CERTIFICATE OF ACHIEVEMENT

CORE COURSES FALL SPRING

(Add)

Business 14 (Business Communications)3

(Delete)

Business 31 (Professional Selling)3

Business 32 (Retail Store Management) or

[NOTE: Business 34 remains]

(Correct)

Option*6

Total..... 21-22

MANAGEMENT

CERTIFICATE OF COMPLETION

**Select any six units from the following options:*

(Revise)

Business 10 (Business Law) or

Business 27 (Law for Small Businesses) 3-4 units

(Add)

Business 50G (Negotiating Skills) 1 unit

Business 50H (Practical Business Ethics) 1 unit

Business 50J (Time Management Skills) 1 unit

SMALL BUSINESS MANAGEMENT

CERTIFICATE OF COMPLETION

CORE COURSES FALL SPRING

(add)

Business 27 (Law for Small Businesses)3

(delete)

Business 10 (Business Law)4

(Correct total)

Total..... 16

Select a minimum of five units from the following options:

(Add)

Business 10 (Business Law) 4 units

Business 50G (Negotiating Skills) 1 unit

Business 50H (Practical Business Ethics) 1 unit

Business 50J (Time Management Skills) 1 unit

BUSINESS (BUS)

(Revise transfer information)

10 BUSINESS LAW 4 UNITS

Legal setting in which business operates, with emphasis on legal

reasoning and resolution, contracts, torts, intellectual property, agency and employment law, partnerships and corporations. 4 hours. Transfer: CSU, UC; (CAN BUS 8), AA.

(Revise)

12 INTRODUCTION TO BUSINESS 3 UNITS
Survey of the private enterprise system and basic business concepts, business economics, types of business ownership, ethics, globalization, and organizational functions (management, marketing, accounting, and finance). 3 hours. Transfer: CSU, UC.

(Revise)

16 BUSINESS MATHEMATICS 3 UNITS
Mathematics to solve typical business problems including banking, simple interest, compound interest, installment sales, trade and cash discounts, markup percents, pricing, discounting notes and drafts, payroll, insurance, statistics, stocks, bonds, and mutual funds. Strongly recommended: Mathematics 105 or 105L (completed with grade of "C" or higher). 3 hours. Transfer: CSU; AA/AS.

(Revise)

26 SMALL BUSINESS MANAGEMENT 3 UNITS
Application of management principles to the selection, establishment, and operation of a small business. Emphasis on the problems encountered by the small manufacturer or merchant and their solutions. Strongly recommended: Business 1A or Business 7. 3 hours. Transfer: CSU.

(Add)

27 LAW FOR SMALL BUSINESSES 3 UNITS
Legal issues for the small business, with emphasis on credit and collections, consumer rights, taxes, e-commerce, property, and administrative law, and business liability insurance. 3 hours. Transfer: CSU.

(Revise)

40 INTERNATIONAL BUSINESS 3 UNITS
Exploration of major factors involved in developing international trade. A managerial overview of globalization, theories of global trade, monetary environment, foreign market analysis, sociocultural forces, and international operations. Emphasis on current events in the global business environment. 3 hours. Transfer: CSU, AA/AS.

(Add)

50G NEGOTIATING SKILLS 1 UNIT
Negotiation theory and skills development for business negotiations. Negotiating goals, strategies, key skills, and styles. 1 hour. Transfer: CSU.

(Add)

50H PRACTICAL BUSINESS ETHICS 1 UNIT
Examination of real-world ethical issues in the business environment. Includes exploration of personal ethics, review of contemporary business ethics issues, and development of approaches to resolving ethical dilemmas. 1 hour. Transfer: CSU.

(Add)

50J TIME MANAGEMENT SKILLS 1 UNIT
Practical tips and tools to manage time in academic and

business-related situations. Setting short-term and long-term goals. Prioritization of goals and activities. Developing plans; organizing your workplace. Typical time wasters/time leaks, including procrastination, and ways of overcoming them. 1 hour. Transfer: CSU.

COMPUTER APPLICATION SYSTEMS (CAS)

CHANGES TO PAGES 54-57

CERTIFICATE OF COMPLETION:

(Add)

BUSINESS GRAPHICS

(Add)

BUSINESS GRAPHICS

CERTIFICATE OF COMPLETION

CORE COURSES	FALL	SPRING
Computer Applications Systems 8 (Computer Literacy) or Computer Science 8 (Computer Literacy) or Computer Application Systems 50 (Introduction to Computer Application Systems).....		3
Computer Application Systems 84 (Designing Business Graphics)		3
Computer Application Systems 72D (Introduction to Microsoft Word)		1
Computer Application Systems 72F (Introduction to Microsoft PowerPoint)		1
Computer Application Systems 82 (Designing WebPages).....		3
Digital Media 31A (Photoshop I).....		1½
Digital Media 31B (Photoshop II).....		1½
Digital Media 32A (Illustrator I)		1½
Digital Media 32B (Illustrator II)		1½
Total		17

COMPUTER APPLICATION SYSTEMS (CAS)

(Revise transfer information)

50 INTRODUCTION TO COMPUTER APPLICATION SYSTEMS 3 UNITS
Introduction to computer applications for business and home use. Includes hardware and common software applications such as Word, Excel, PowerPoint, and Access, plus an understanding of an Internet Browser for the World Wide Web, HTML, personal computer, and familiarization with its capabilities in a Windows environment. 3 hours lecture, 1 hour laboratory. Transfer: CSU; CSU/GE: D7; TCSU IS 120.

CHANGES TO PAGE 61**(New discipline)****CONSTRUCTION ELECTRICIANS
TRAINING PROGRAM (CELT)****(Add)**31 BASIC STATE ELECTRICIAN
CERTIFICATION PREPARATION 3½ UNITS*(May be repeated 3 times)*

Develop math skills necessary for the success of electricians in the field. A chapter-by-chapter examination of the National Electrical Code to gain a deep understanding of the purpose and structure of the NEC. Introduction to OSHA Policy and Procedures. Prevention and initial care for breathing and cardiac emergencies along with basic first aid for both adults and children. 53 hours lecture, 27 hours laboratory.

(Add)32 STATE ELECTRICIAN CERTIFICATION
PREPARATION—MODULE A 2 UNITS*(May be repeated 3 times)*

Develop math skills necessary for the success of electricians in the field. Explore laws and theorems that are the bases for electrical theory, including the components and working of series and parallel circuits. A chapter-by-chapter examination of the National Electrical Code to gain a deep understanding of the purpose and structure of the NEC. Use the NEC to calculate conductors for various load and fill situations. Gain insight into equipment and wiring methods for special occupancies including hazardous locations. May not receive credit if Construction Electrician Training Program 31 has been completed. 27 hours lecture, 27 hours laboratory.

(Add)33 OSHA 10 CONSTRUCTION
TRAINING—MODULE B 1 UNIT*(May be repeated 3 times)*

Introduction to OSHA Policy and Procedures, employer and employee responsibilities, use of texts CFR 1910 and 1926, identification of job-site hazards, removal, remediation or protection from hazards, safe work practices and personal protective equipment for various construction site hazards. May not receive credit if Construction Electrician Training Program 31 has been completed. 18 hours lecture.

(Add)

34 FIRST AID AND CPR—MODULE C ½ UNIT

(May be repeated 3 times)

Prevention and initial care for breathing and cardiac emergencies along with basic first aid for both adults and children. May not receive credit if Construction Electrician Training Program 31 has been completed. 8 hours lecture, consisting of two four-hour modules.

(Add)36 ADVANCED STATE ELECTRICIAN
CERTIFICATION PREPARATION 3½ UNITS*(May be repeated 3 times)*

Introduction to trainee program and regulations covering Electrician Trainee requirements. Overview of electrical tools, materials and meters. Introduction to OSHA Policy and Procedures including employer and employee responsibilities, use of texts CFR 1910 and 1926, identification of job-site hazards, removal, remediation or protection from hazards, safe work practices and personal protective equipment for various construction site hazards. Prevention and initial care for breathing and cardiac emergencies along with basic first aid for both adults and children. This class is recommended for electricians with a minimum of 8,000 hours of on-the-job experience who have not passed the California electrician certification test. 53 hours lecture, 27 hours laboratory.

(Add)37 ADVANCED STATE ELECTRICIAN
CERTIFICATION PREPARATION—
MODULE A 3 UNITS*(May be repeated 3 times)*

Introduction to trainee program and regulations covering Electrician Trainee requirements. Overview of electrical tools, materials and meters. Fundamentals of electricity including: units of electricity, sources and types of electricity, magnetism and electricity, and properties of conductors, insulators and semiconductors. Common circuit devices, i.e., resistors, circuit protection devices, relays, motors. Use of Ohm's Law to solve parallel, series and series-parallel DC circuit calculations. Introduction to Kirchhoff's Law. This class is recommended for electricians with a minimum of 8,000 hours of on-the-job experience who have not passed the California electrician certification test. May not receive credit if Construction Electrician Training Program 36 has been completed. 27 hours lecture, 27 hours laboratory.

(Add)38 ADVANCED STATE ELECTRICIAN
CERTIFICATION PREPARATION—
MODULE B 1 UNIT*(May be repeated 3 times)*

Introduction to OSHA Policy and Procedures, employer and employee responsibilities, use of texts CFR 1910 and 1926, identification of job-site hazards, removal, remediation or protection from hazards, safe work practices and personal protective equipment for various construction site hazards. This class is recommended for electricians with a minimum of 8,000 hours of on-the-job experience who have not passed the California electrician certification test. May not receive credit if Construction Electrician Training Program 36 has been completed. 18 hours lecture.

39 ADVANCED STATE ELECTRICIAN
CERTIFICATION PREPARATION—
MODULE C ½ UNIT*(May be repeated 3 times)*

Prevention and initial care for breathing and cardiac emergencies along with basic first aid for both adults and children. This class

is recommended for electricians with a minimum of 8,000 hours of on-the-job experience who have not passed the California electrician certification test. May not receive credit if Construction Electrician Training Program 36 has been completed. 8 hours lecture consisting of two four-hour modules.

DENTAL HYGIENE (DHYG)

CHANGES TO PAGES 63 & 64

SPECIAL APPLICATION REQUIRED

(Delete)

Basic Nutrition is required prior to completion of the Dental Hygiene Program. Completion of Nutrition 1 is strongly recommended prior to entrance into the Dental Hygiene Program.

DENTAL HYGIENE

ASSOCIATE IN ARTS DEGREE

FRESHMAN YEAR	FALL	SPRING
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(Add)

Dental Hygiene 50A (Dental Hygiene Orientation I)	1/2
Dental Hygiene 74L (Dental Radiography Open Lab)	1/2
Nutrition 1*** (Nutrition)	3
Dental Hygiene 50B (Dental Hygiene Orientation II)	1/2
Dental Hygiene 50C (Dental Hygiene Orientation III).....	1/2

(Revise units)

Dental Hygiene 60L (Dental Anatomy and Morphology Lab)	1/2
Health 70B** (Basic Life Support for Health Care Providers).....	0.2

(Delete)

Dental Hygiene 71L (Pre-Clinical Dental Hygiene Lab)	1
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(Revise)

Total..... 59.2

General Education Courses

For Specific General Education courses refer to catalog section on Graduation Requirements

Total minimum units required 60****

(Add)

***Completion of Nutrition 1 is strongly recommended prior to entrance into the Dental Hygiene Program.

(Revise footnote notation)

****The Dental Hygiene Program...

DENTAL HYGIENE (DHYG)

(Revise)

61 HEAD AND NECK ANATOMY 2 UNITS
Anatomy of the head, neck and oral cavity; structure and function of the oral cavity and adjacent structures. Emphasis on clinical recognition of normal structures, the anatomical relationships between structures, their vascular supply and the regional osteology. Corequisites: Dental Hygiene 61L, 69A, and 71A. 2 hours. Transfer: CSU.

(Revise)

74B DENTAL RADIOGRAPHY II 1 1/2 UNITS
Continuation of clinical experience in exposing films, group and individualized criticism of mounted films; principles of Panoramic and Digital radiology; special patient needs; occlusal and pedodontic surveys; emphasis on radiographic interpretative skills. Prerequisite: Dental Hygiene 74A (completed with a grade of "C" or higher). 0.5 hour lecture, 3 hours clinical.

DIGITAL MEDIA (DIGM)

CHANGES TO PAGE 65

(Add)

31A PHOTOSHOP I 1 1/2 UNITS
Introduction to the use of Photoshop software for creating and editing digital images. Topics include retouching and restoration of photographs, color management, digital painting, and preparing images for printing. May not receive credit if Art/Architecture/Interior Design/Photography 31A has been completed. 1 hour lecture, 2 hours laboratory. Transfer: CSU.

(Add)

31B PHOTOSHOP II 1 1/2 UNITS
Continuation of the content and skills introduced in Digital Media 31A (Photoshop I). Topics include filters, advanced layer effects, preparing images for commercial printing, and preparing images for use on web pages. May not receive credit if Art/Architecture/Interior Design/Photography 31B has been completed. Prerequisite: Digital Media 31A (completed with a grade of "C" or higher). 1 hour lecture, 2 hours laboratory. Transfer: CSU.

(Add)

32A ILLUSTRATOR I 1 1/2 UNITS
Introduction to the use of Adobe Illustrator software for digital illustration. Emphasis on the use of vector-based tools for artistic and technical drawing. Enhancement of illustrations through the addition of text, gradients, patterns, transparency, and effects. May not receive credit if Art/Architecture/Interior Design/Photography 32A has been completed. 1 hour lecture, 2 hours laboratory. Transfer: CSU.

(Add)

32B ILLUSTRATOR II 1 1/2 UNITS
Continuation of the content and skills introduced in Digital Media 32A (Illustrator I). Creation of custom brushes and patterns; masking and distorting objects; simulating light and shadow through use of gradients, blends, meshes, and 3D effects;

preparing files for commercial printing. May not receive credit if Art/Architecture/Interior Design/Photography 31B has been completed. Prerequisite: Digital Media 32A (*completed with a grade of "C" or higher*). 1 hour lecture, 2 hours laboratory. Transfer: CSU.

(Revise)

34A FLASH I 1 1/2 UNITS

Introduction to Flash, an authoring application for bringing animation, sound, video, and interactivity to web pages. Creating images with Flash's vector-based drawing tools; importing and modifying images, sounds, and video clips; animating those elements; embedding the resulting animation in a web page. 1 hour lecture, 2 hours laboratory. Transfer: CSU.

(Revise Title)

34B FLASH ACTIONSCRIPT 1 1/2 UNITS

(Add)

34C FLASH ANIMATION FOR VIDEO 1 1/2 UNITS

Continuation of the content and skills introduced in Digital Media 34A (Flash I), with the aim of combining character animation, dialogue, and music into short animated cartoons suitable for broadcast. Prerequisite: Digital Media 34A (*completed with grade of "C" or higher*). 1 hour lecture, 2 hours laboratory. Transfer: CSU.

(Revise)

35A DREAMWEAVER I 1 1/2 UNITS

Introduction to the basic skills required for designing and producing web pages and multi-page web sites, providing a foundation for eventual creation of interactive, multimedia web sites. Hand-coding HTML and Cascading Style Sheets; using Dreamweaver software as a site design and management tool. 1 hour lecture, 2 hours laboratory. Transfer: CSU.

(Revise)

35B DREAMWEAVER II 1 1/2 UNITS

Continuation of the content and skills introduced in Digital Media 35A (Dreamweaver I), with emphasis on using Dreamweaver in collaboration with other multimedia applications (such as Photoshop, Illustrator, and Flash) to create media-rich web sites. Devising intuitive navigation schemes; incorporating sound and motion into a web page. Prerequisite: Digital Media 35A (*completed with a grade of "C" or higher*). Strongly recommended: Digital Media 31A; Digital Media 32A; Digital Media 34A; or Digital Media 36A (*all completed with a grade of "C" or higher*). 1 hour lecture, 2 hours laboratory. Transfer: CSU.

(Revise)

36A FINAL CUT I 1 1/2 UNITS

Introduction to video editing using Apple's Final Cut Pro software (or its simpler counterpart, Final Cut Express). Capturing digital video; combining video clips by means of cuts and transitions; adding titles and audio; outputting the finished product to disk. Each student must have a digital video camera. 1 hour lecture, 2 hours laboratory. Transfer: CSU.

(Revise)

36B FINAL CUT II 1 1/2 UNITS

Continuation of the content and skills introduced in Digital Media 36A (Final Cut I), with emphasis on creative imagery

through use of video and audio filters, motion and speed effects, and compositing. Each student must have a digital video camera. Prerequisite: Digital Media 36A (*completed with a grade of "C" or higher*). 1 hour lecture, 2 hours laboratory. Transfer: CSU.

EARLY CHILDHOOD DEVELOPMENT (ECD)

CHANGES TO PAGES 67-69

(Revise)

50 EARLY CHILDHOOD EDUCATION AND CARE 3 UNITS

Historical and contemporary systems of Early Childhood group care, career opportunities, licensing requirements, professional qualifications, differing orientations to early childhood education, developmental stages of young children as related to quality programs that have developmentally appropriate and inclusive curriculum. 3 hours. Transfer: CSU.

(Revise transfer information)

59 LITERACY IN EARLY CHILDHOOD 3 UNITS

Enhance the early literacy outcomes of young children by improving teachers' knowledge of early literacy development and their skills in teaching early literacy to young children from birth through school age. Strongly recommended ECD 51. 3 hours. Transfer: CSU.

(Revise title and content)

60 INTRODUCTION TO THE YOUNG CHILD WITH EXCEPTIONAL NEEDS 3 UNITS

Introduction to educational philosophies for educating infants and children with exceptional needs. Assessments, interventions, and learning environments for the infant and preschooler with exceptional needs. Prerequisite: Early Childhood Development 51 (*completed with a grade of "C" or higher*). 3 hours. Transfer: CSU.

(Revise)

62 CHILD, FAMILY, AND COMMUNITY 3 UNITS

Patterns of family living in contemporary society, including the varying roles and interactions of family members; demographic, socio-cultural, racial, economic and developmental factors affecting family life and their implications; relationship of the family to early care and education and to community resources. 3 hours. Transfer: CSU.

(Revise)

63 EARLY CHILDHOOD CURRICULUM 4 UNITS

Professional application of the principles of human growth and development in: the study of play based inclusive curriculum, the physical environment and learning experiences including program content, the use of materials, the facilitation and guidance of all children's experiences based on developmentally appropriate principles, the methods used to meet all children's physical, social, emotional, cognitive, and creative needs within cultural context. Prerequisite: Early Childhood Development 50 and 51 (*both completed with a grade of "C" or higher*). 3 hours lecture, 3 hours laboratory. Transfer: CSU.

(Revise transfer information)

88 EARLY CHILDHOOD ENVIRONMENTS 1/2 UNIT
Assessing the early childhood learning environment and analyzing the outcomes helps early childhood professionals to improve the quality of their programs. Students will understand and use the Early Childhood Environment Rating Scale (ECERS) to assess the physical environment, basic care, curriculum, schedule, program, child teacher interaction and parent and staff education of a child care setting. 9 total hours. Transfer: CSU.

(Add)

89 ISSUES IN EARLY CHILDHOOD EDUCATION 1 UNIT

(May be repeated 3 times)

Series of workshops offered on a variety of topics, which are current and relevant to early childhood professionals. (Specific topic to appear in schedule of classes.) 18 hours.

(Revise)

95 WORK EXPERIENCE 1-3 UNITS

(May be repeated 3 times)

College supervised on-the-job training in early childhood programs. Cooperative effort between student, supervisor and instructor to accomplish professional work objectives and broaden experiences. Corequisite: Early Childhood Development 96. 5-15 hours experience per week. Transfer: CSU.

(Revise)

96 WORK EXPERIENCE SEMINAR 1 UNIT

(May be repeated 3 times)

Discussion and analysis of typical problems often encountered by employees at the workplace. Application of National Association for the Education of Young Children (NAEYC) Code of Ethical Conduct to difficult situations that occur at the job site. Develop and complete measurable developmentally appropriate goals in early care and education settings. Corequisite: Early Childhood Development 95. 1 hour. Transfer: CSU.

ENGINEERING (ENGR)

CHANGES TO PAGE 72

(Revise transfer information)

22 ENGINEERING DESIGN GRAPHICS 3 UNITS

Introduction to the engineering-design process, and to technical-graphic communications tools used by engineers. Conceptual design of products. Development of spatial reasoning skills. Orthographic and axonometric projection-drawing techniques. Tolerance analysis for fabrication. Documentation of designs through engineering working-drawings. Use of AutoCAD Computer-Assisted Drawing software as a design tool. Basic CAD 3-dimensional solid-modeling. Strongly recommended: Mathematics 36 or 37, and English 1A or 52A. 2 hours lecture, 3 hours laboratory. Transfer: CSU, UC.

(Revise transfer information)

25 COMPUTATIONAL METHODS FOR ENGINEERS AND SCIENTISTS 3 UNITS

(See also Mathematics 25 and Physics 25)

Methodology and techniques for solving engineering/science problems using numerical-analysis computer-application programs MATLAB and EXCEL. Technical computing and visualization using MATLAB software. Examples and applications from applied-mathematics, physical-mechanics, electrical circuits, biology, thermal systems, fluid systems, and other branches of science and engineering. Prerequisite: Mathematics 1. Strongly recommended: Computer Application Systems 8 or Computer Science 8. May not receive credit if Mathematics 25 or Physics 25 has been completed. 2 hours lecture, 3 hours laboratory. Transfer: CSU, UC.

ENGLISH (ENGL)

CHANGES TO PAGES 73-75

DEGREE:

(Add)

AA—ENGLISH (EMPHASIS IN LITERATURE)

The English Associate in Arts degree will allow students to fulfill the first two years of coursework towards a bachelors degree in English while also fulfilling general education requirements. In addition this degree is useful preparation for other liberal arts degrees and will offer students an enriched background towards professional preparation in fields from education to law. All of the courses for the degree transfer to universities and colleges.

ENGLISH (EMPHASIS IN LITERATURE)

ASSOCIATE IN ARTS DEGREE

FRESHMAN YEAR FALL SPRING

- English 1A (Critical Reading and Composition).....3
- English 45 (Studies in Fiction)3
- English 4 (Critical Thinking and Writing About Literature)3
- English 20 (Studies in Shakespeare).....3

SOPHOMORE YEAR FALL SPRING

- Choose one from the following:*
- English 22 (Mexican American/Latino Literature of the U.S.).....3
- English 30 (Survey of U.S. Literature).....3
- English 21 (The Evolution of the Black Writer).....3
- English 32 (U.S. Women’s Literature)3

- Choose one from the following:*
- English 7 (Critical Thinking and Writing Across Disciplines)3
- English 12 (The Craft of Writing—Fiction)3
- English 47 (The Bible as Literature).....3
- Speech 2A (Oral Interpretation of Literature I).....3
- English 13 (The Craft of Writing—Poetry).....3

English 33 (Herstory: Women's Autobiographical Writing in Multicultural America)	3
English 38 (Survey of Modern British Literature)	3
English 48 (The Literature of the Holocaust)	3
Total	18

General Education Courses
 For specific General Education courses refer to catalog section on Graduation Requirements.
Total minimum units required..... **60**

COMPOSITION & LITERATURE

(Revise transfer information)
 11 INTRODUCTION TO CREATIVE WRITING 3 UNITS
(May be repeated 3 times)
 Elements of creative writing, including narrative, verse and dialogue, using materials drawn from individual's own work and selected texts. Strongly recommended: Eligibility for English 1A. 3 hours. Transfer: CSU; UC; AA/AS.

(Revise transfer information)
 12 THE CRAFT OF WRITING—FICTION 3 UNITS
(May be repeated 3 times)
 Practice in writing fiction. Developing internal and external sources for stories and novels; biographical sources, characterization, plotting, points of view, narrative techniques; analysis and criticism of published writing and individual's own work. Strongly recommended: Eligibility for English 1A or 52A. 3 hours. Transfer: CSU; CSU/GE: C2; UC; AA/AS.

(Revise transfer information)
 13 THE CRAFT OF WRITING—POETRY 3 UNITS
(May be repeated 3 times)
 Practice in writing poetry using materials drawn from published poetry and individual's own work for analysis and criticism with a focus on techniques of revision. Strongly recommended: Eligibility for English 1A or 52A. 3 hours. Transfer: CSU; CSU/GE: C2; UC; AA/AS.

(Revise)
 52B RESPONDING TO LITERATURE 3 UNITS
 Introduction to literature from the works of important authors in prose fiction, drama and poetry; examination of the universal human issues brought to life through literature. Emphasis on works that celebrate human experience and cultural diversity. Focus on analytical and argumentative writing in response to reading. Some research required. Prerequisite: English 52A or 1A (*completed with a grade of "C" or higher*). 3 hours. Transfer: CSU; AA/AS.

(Revise)
 70 REPORT WRITING 3 UNITS
 Preparation of reports in business, industrial and technical fields, including explanations, instructions, argumentation and other kinds of writings, based on the demands of the occupations. Strongly recommended: Eligibility for English 1A or 52A. 3 hours. Transfer: CSU; AA/AS.

CHANGES TO PAGES 77-80

ENGLISH AS A SECOND LANGUAGE (ESL)

(Add)
 127 ESL PRONUNCIATION LAB 1/2 UNIT
(May be repeated 1 time)
 Individual practice producing and responding to oral English with emphasis on clear pronunciation. 1 1/2 hours laboratory.

(Add)
 128 FACULTY-STUDENT TUTORIAL—ESL 1/2 -2 UNITS
(May be repeated 3 times)
 Self-paced, individualized instruction in academic English oral and written communication skills for students who speak English as a second language. Focus on writing, reading, listening, and speaking skills needed in college courses. 1 1/2-6 hours laboratory.

(Add)
 129 IDIOM USAGE FOR ESL 1 UNIT
 Designed to provide ESL students practice with idiomatic expressions. Strategies for identifying and defining a variety of idiomatic expressions. Strongly recommended: eligibility for ESL 110B. 3 hours laboratory.

ETHNIC STUDIES (ES)

(Revise)
 The Ethnic Studies Program, interdisciplinary in scope, will begin with a focus on the history, literature and cultures of African-Americans, Asian/Pacific Islander-Americans, Chicano-Latinos, Native Americans and Middle Eastern Americans. Courses explore the relations of these cultures to each other and to the dominant American culture in order to foster understanding about such topics as ethnicity, race, gender, sexuality/sexual orientation, class and religion.

ETHNIC STUDIES ASSOCIATE IN ARTS DEGREE

CORE COURSES	FALL	SPRING
Ethnic Studies 1 (Introduction to Ethnic Studies)		3
Anthropology 5 (Cultures of the U.S.: Anthropological Perspectives on Race, Class, Gender and Ethnicity) or Sociology 3 (American Cultural and Racial Minorities)		3

Select 15 units from the following. At least three different racial or ethnic groups must be studied.

Anthropology 8 (Native American Cultures)	3
English 21 (The Evolution of the Black Writer)	3
English 22 (Mexican American/Latino Literature of the U.S.)	3

Ethnic Studies 2 (Contemporary Ethnic Minority Families in the U.S.)	3
Ethnic Studies 3 (Introduction to Muslim-American Studies)	3
History 20 (The African-American Experience in U.S. History Through Reconstruction) ..	3
History 21 (The African-American Experience in U.S. History Since Reconstruction)	3
History 22 (Mexican American History and Culture)	3
History 25 (American Indian History and Culture)	3
Psychology 18 (Psychology of the African American Experience)	3
Psychology Counseling 4 (Multiethnic/Cultural Communication)	3
Psychology Counseling 13 (Multicultural Issues in Contemporary America)	3
Psychology Counseling 17 (Intercultural Studies)	3
Sociology 10 (Introduction to Asian American Studies)	3
Total.....	21

General Education Courses
 For specific General Education courses refer to catalog section on Graduation Requirements
Total minimum units required..... 60

ETHNIC STUDIES (ES)

(Add)

1 INTRODUCTION TO ETHNIC STUDIES 3 UNITS
 An introduction to the historical and socio-cultural experiences of racial and ethnic groups in the United States. Focus will be on key issues such as immigration, political stratification, employment discrimination, Americanization, class, racial and ethnic identity, and gender roles that have shaped relations in American society. Study is inter- and multidisciplinary. A comparative approach covering African American, Mexican American, Asian American, Native American and Middle Eastern American. 3 hours. Transfer: CSU; CSU/GE: D3; AA/AS.

(Add)

2 CONTEMPORARY ETHNIC MINORITY FAMILIES IN THE U.S. 3 UNITS
 Examination of the diversity of contemporary United States ethnic minority families with an emphasis on comparison and contrast. Family dynamics and processes will be the primary focus within the context of ethnicity. Adaptation and responses to dominant group social constructs and social structures will also be examined. Groups to include: African American; Asian American; Mexican, Central and Latin American; Native American; Middle Eastern American. 3 hours. Transfer: CSU; CSU/GE: D3; AA/AS.

3 INTRODUCTION TO MUSLIM-AMERICAN STUDIES 3 UNITS
 An examination of the diversity of Muslim communities in the United States with an emphasis on comparing and contrasting their histories, cultures and experiences. Topics include: patterns of migration; religious beliefs and practice; acculturation and assimilation; political involvement; education and employment; 9/11 and its aftermath; relations with the broader Muslim world. 3 hours. Transfer: CSU; CSU/GE: D3; AA/AS.

FIRE TECHNOLOGY (FT)

CHANGES TO PAGES 78-80

FIRE TECHNOLOGY ASSOCIATE IN ARTS DEGREE

FRESHMAN YEAR	FALL	SPRING
(Revise title)		
Fire Technology 89 (Firefighter-1 Academy Introduction)		1/2

FIRE TECHNOLOGY CERTIFICATE OF ACHIEVEMENT

FRESHMAN YEAR	FALL	SPRING
(Revise title)		
Fire Technology 89 (Firefighter-1 Academy Introduction)		1/2

FIRE TECHNOLOGY (FT)

(Revise)

89 FIREFIGHTER-1 ACADEMY INTRODUCTION 1/2 UNIT
 Orientation and evaluation of the necessary knowledge, skills, and abilities to succeed in the Firefighter-1 Academy (Fire Technology 90A, 90B and 90C). Physical fitness and hand-eye coordination skills evaluation. Prerequisites: Fire Technology 50, 51, 52; Health 81 (or proof of enrollment in an EMT program at another institution—All courses completed with a grade of “C” or higher). Proof of a current Candidate Physical Ability Test (CPAT) certificate (no older than six months from the first day of this class) may allow the candidate to waive certain physical ability evaluations. 4 hours total lecture, 12 hours total laboratory.

(Revise)

90A FIREFIGHTER-1 CERTIFICATION PREPARATION I 2 UNITS
 Development of individual skills and basic knowledge necessary to perform the functions of a firefighter. Practice in donning breathing apparatus, knot tying, placing ladders, pulling hose, making water supply connections and using the incident command system. Prerequisites: Fire Technology 50, 51, 52, and 89; Health 81, or proof of current completion of an Emergency Medical Technician Program from another institution (all courses completed with a grade of “C” or higher; Fire Technology 89 completed with CR before student may register for 90A). 24 total hours lecture, 40 total hours laboratory. Transfer: CSU.

FOREIGN LANGUAGES (FORE)

CHANGES TO PAGE 81

CHINESE (CHIN)

(Revise)

50A CHINESE CONVERSATION AND CULTURE I 2 UNITS
Development of an understanding of spoken Mandarin through pronunciation, vocabulary, and applied grammar. Introduction to the everyday culture of Chinese-speaking people. 2 hours. Transfer: CSU.

(Revise)

50B CHINESE CONVERSATION AND CULTURE II 2 UNITS
Development of an understanding of spoken Mandarin through pronunciation, vocabulary, and applied grammar. Introduction to the everyday culture of Chinese-speaking people. Prerequisite: Chinese 50A completed with a grade of "C" or higher. 2 hours. Transfer: CSU.

CHANGES TO PAGE 83

SPANISH (SPAN)

(Revise)

2B ADVANCED SPANISH 4 UNITS
Reading of Hispanic authors, advanced review of grammar, emphasis on speaking and composition. Prerequisite: Spanish 2A (completed with a grade of "C" or higher). 4 hours. Transfer: CSU, UC; CSU/GE: Area C2; IGETC: Area 3; AA/AS; (CAN SPAN 10); with SPAN 2A: (CAN SPAN SEQ B).

(Revise)

50A SPANISH CONVERSATION AND CULTURE I 2 UNITS
Development of a basic understanding of spoken Spanish through pronunciation, vocabulary, and applied grammar, and an introduction to the everyday culture of Spanish-speaking people. 2 hours. Transfer: CSU.

(Revise)

50B SPANISH CONVERSATION AND CULTURE II 2 UNITS
Development of skills learned in Spanish 50A. Understanding of spoken Spanish through pronunciation, vocabulary, and applied grammar. Further study of the culture and everyday life activities of Spanish-speaking people. Prerequisite: Spanish 50A (completed with a grade of "C" or higher). 2 hours. Transfer: CSU.

GEOGRAPHY (GEOG)

(Add)

CERTIFICATE OF COMPLETION: GEOGRAPHIC INFORMATION SYSTEMS

GEOGRAPHIC INFORMATION SYSTEMS CERTIFICATE OF COMPLETION

CORE COURSES	FALL	SPRING
Geography 1 (Introduction to Physical Geography)		3
Geography 1L (Introduction to Physical Geography Laboratory)		1
Geography 20 (Introduction to Geographic Information Systems)		3
Geography 21 (Spatial Analysis with Geographic Information Systems (GIS))		3
Geography 22 (Advanced GIS Applications)		3
Geography 95/Work Experience 95 (Work Experience)		1-3
Geography 96/Work Experience 96 (Work Experience Seminar)		1
Total		15-17

The above listing is a suggested sequence only. Some courses may have prerequisites. Students may take courses in any sequence except where a prerequisite applies.

(Revise transfer information)

5 WORLD REGIONAL GEOGRAPHY 3 UNITS
Regions of the world and the way humans live within those regions. Includes physical and cultural characteristics of world regions, how they are similar and how they are different, economic patterns, agriculture, industrial development and population dynamics. Emphasis on contemporary major issues and their geographic impact. May be offered in Distance Education delivery format. 3 hours. Transfer: CSU, UC; CSU/GE: D5; IGETC: Area 4E; AA/AS.

(Revise transfer information)

8 INTRODUCTION TO WEATHER AND CLIMATE 3 UNITS
Introduction to weather and climate and their impact on and modification by human activities. Emphasis on weather elements, events, and processes; climate controls; and the techniques, tools, and instruments of atmospheric science. Includes atmospheric optics, weather prediction, severe storms, air pollution, global/regional warming/cooling, ozone depletion, acid rain, El Niño, deforestation, desertification, and other topics related to everyday experience and global climate change. Field trips and observational activities may be included. 3 hours. Transfer: CSU, UC; CSU/GE: B1; IGETC: Area 5A; AA/AS.

(Add)

21 SPATIAL ANALYSIS WITH GEOGRAPHIC INFORMATION SYSTEMS (GIS) 3 UNITS
GIS facilitates visualization of spatial relationships and decision-making by means of interactive linkages between vector and raster data formats. Addresses real-world application of GIS principles, industry-standard software tools and quantitative techniques to multi-layered thematic data. Students will acquire advanced hands-on GIS experience in managing, editing, merging, intersecting, and statistically analyzing spatial data from many diverse sources, and in preparing high-quality cartographic presentations.

Field trips may be required. Prerequisite: Geography 20 (*completed with a grade of "C" or higher*). 3 hours. Transfer: CSU; AA/AS.

(Add)

22 ADVANCED GIS APPLICATIONS 3 UNITS

Practical, hands-on survey of some of the more advanced applications of GIS, integrating vector, grid, and digital image data formats. Emphasizes environmental applications of GIS industry-standard software tools to analyze spatial problems quantitatively, including network analysis, watershed modeling, digital elevation modeling, digital image processing, and digital rectification of multi-layered thematic data. Includes integration of Global Positioning System (GPS) operational characteristics, collection and interfacing GPS data with GIS. Field trips may be required. Prerequisite: Geography 20 (*completed with a grade of "C" or higher*). 3 hours. Transfer: CSU.

(Add)

95 WORK EXPERIENCE 1-3 UNITS

(May be repeated 3 times)

College supervised on-the-job training in Geographic Information Systems (GIS). Applications of principles, methodologies, and skills in using GIS to analyze real-world spatial problems and aid in decision-making. Cooperative effort between student, work supervisor, and instructor to broaden the student's experience with GIS tools and functionality in many professional endeavors. Corequisite: Geography 96. 5-15 hours of employment per week.

(Add)

96 WORK EXPERIENCE SEMINAR 1 UNIT

(May be repeated 3 times)

Discussion and analysis of experiences on-the-job in applying Geographic Information Systems (GIS) techniques and methodologies to projects in a business or governmental agencies. Review of essential skills and management issues in using GIS to analyze real-world spatial problems and aid in decision-making. Discussion of ways to broaden experience with GIS tools and functionality in many professional endeavors, with emphasis on building strong working relationships with supervisors and co-workers. Corequisite: Geography 95. 1 hour.

CHANGES TO PAGE 89

HUMANITIES (HUMN)

(Revise)

**HUMANITIES (GENERAL)
ASSOCIATE IN ARTS DEGREE**

FRESHMAN YEAR FALL SPRING

Art History 4 (Art History—Ancient to Gothic)3

History 1 (History of Western Civilization to 1699).....3

Humanities 50 (The Artful Life).....3

Philosophy 50 (God, Nature, Human Nature)3

Religious Studies 50 (Religions of the World).....3

SOPHOMORE YEAR FALL SPRING

Art History 5 (Art History, Renaissance to Modern)3

History 2 (History of Western Civilization Since 1600).....3

Humanities 65 (The American Style) or Humanities 68 (World Mythology) or Humanities 72 (Contemporary Humanities).....3

Philosophy 60 (Introduction to Philosophy: Ethics) or Philosophy 65 (Introduction to Philosophy: Theory of Knowledge)3

Total.....27

HUMANITIES (HUMN)

(Revise)

50 THE ARTFUL LIFE 3 UNITS

A broad range of the arts, from a variety of historical periods and cultures, will be examined as expression and integration of self. Explore creativity as process, product, and attitude toward life. Study the artist as seeker of authenticity and the relationship between art and artist. Students will learn how to respond critically as well as to articulate their experience of great works of the human imagination. Explore foundational principles and theories in the various humanities disciplines. 3 hours. Transfer: CSU, UC; CSU/GE: Humanities C2; AA/AS.

(Add)

60 CREATIVITY AND THE COMMUNITY 3 UNITS

The Arts as an expression of the community; the relationship between creativity and community; the artist as the conscience of society and the role of the audience in completing an artwork. Themes include the artist as prophet, art as transformative experience, the arts and social justice, and the shock of the new. 3 hours. Transfer: CSU; CSU/GE: Humanities C2; AA/AS.

(Add transfer information)

65 THE AMERICAN STYLE 3 UNITS

Humanities of the United States. Major works of literature, painting, sculpture, architecture, films, music, philosophy, science, religion and political and social institutions. Particular attention to values and meanings that reflect the American cultural experience, specifically the crisscrossing dynamics of race, ethnicity, gender, religion and class in American society. 3 hours. Transfer: CSU, UC; CSU/GE: Humanities C2; AA/AS.

(Revise—Formerly HUMN 28)

68 WORLD MYTHOLOGY 3 UNITS

Introduction to mythic themes recurring in global literature, the visual arts, and music; gods, humans, heroes; their origins, variations, historical development, and full expression in classical times and continued presence in the arts. (Formerly HUMN 28) 3 hours. Transfer: CSU, UC; CSU/GE: Humanities C2; IGETC: Area 3; AA/AS.

(Add transfer information)

72 CONTEMPORARY HUMANITIES 3 UNITS
Visual, literary, and/or musical works of art that reflect the issues and concepts of their time. A perspective through exploration of chosen works. (Formerly HUMN 7) 3 hours. Transfer: CSU; CSU/GE: Humanities C2; AA/AS.

(Add transfer information)

75 RELIGION IN CONTEMPORARY CULTURE 3 UNITS
Attitudes and beliefs about religion evidenced in contemporary culture through contemporary social life, politics, art, music, literature, drama, and film. Place, function, and role of religion in contemporary life against the backdrop of traditional and contemporary theories about religion. (Formerly HUMN 30) 3 hours. Transfer: CSU, UC; CSU/GE: Humanities C2; IGETC: Area 3; AA/AS.

INDUSTRIAL TECHNOLOGY (INDT)

CHANGES TO PAGE 89

(Add)

94 OCCUPATIONAL WORK EXPERIENCE 3-4 UNITS
(Limited to 4 units per semester, may be repeated for a maximum of 16 units)

College supervised on-the-job training. Apprenticeship work experience in an occupation related to student's apprenticeship program. Cooperative effort of the work supervisor, student, Joint Apprenticeship Training Council (JATC) or Program Sponsor, and instructor to achieve work-based learning objectives. Student must be enrolled in an apprenticeship program. Each unit of credit requires 75 hours of paid work experience. Transfer CSU.

INTERIOR DESIGN (INTD)

CHANGES TO PAGE 90

(Delete)

31A PHOTOSHOP I 1 1/2 UNITS
31B PHOTOSHOP II 1 1/2 UNITS
32A ILLUSTRATOR I 1 1/2 UNITS
32B ILLUSTRATOR II 1 1/2 UNITS

(Add)

58 FUNDAMENTALS OF LIGHTING 3 UNITS
Residential and commercial lighting systems as they apply to what constitutes a well-lit interior space. Includes an investigation of current lighting fixtures and lighting resources. 3 hours.

CHANGES TO PAGES 92 & 93

(Revise Discipline and Degree Title)

LIBERAL ARTS

DEGREE:

(Revise)

AA—LIBERAL ARTS

The Associate in Arts in Liberal Arts is designed...

There are three options associated with this degree: Option I leads to an Associate Degree and the opportunity to pursue a "major" or area of focus of at least 18 units...

LIBERAL ARTS

ASSOCIATE IN ARTS DEGREE

The Associate in Arts in Liberal Arts is designed...

CORE COURSES	UNITS
OPTION—SELECTED STUDIES*	
Minimum Unite Required for the Major or	
Area of Focus	18

* *OPTION I*—is designed especially for those students who desire the benefits of a general college education and the opportunity to pursue a "major" or area of focus of at least 18 units...

CHANGES TO PAGES 97-101

MATHEMATICS (MTH)

(Revise transfer information)

1 CALCULUS I 5 UNITS
Elements of analytic geometry, derivatives, limits and continuity, differentiation of algebraic and trigonometric functions, the definite integral. Prerequisite: Mathematics 20 (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the mathematics assessment process. 5 hours lecture, 0 – 1-hour laboratory. Transfer: CSU, UC; CSU/GE: B4; IGETC: Area 2; AA/AS, (CAN MATH 18); with MATH 2: (CAN MATH SEQ B); with MATH 2 and MATH 3: (CAN MATH SEQ C); TCSU MATH 210.

(Revise transfer information)

2 CALCULUS II 5 UNITS
Continuation of differential and integral calculus, including transcendental, inverse, and hyperbolic functions. Techniques of integration, parametric equations, polar coordinates, sequences, power series and Taylor series. Introduction to three-dimensional coordinate system and operations with vectors. Primarily for mathematics, physical science, and engineering majors. Prerequisite: Mathematics 1 (completed with an grade of "C" or higher). 5 hours lecture, 0–1 hours laboratory. Transfer: CSU, UC; CSU/GE: B4; IGETC: Area 2; AA/AS, (CAN MATH 20); with MATH 1: (CAN MATH SEQ B); with MATH 1 and MATH 3: (CAN MATH SEQ C); TCSU MATH 220.

(Revise transfer information)

6 ELEMENTARY LINEAR ALGEBRA 3 UNITS
Introduction to linear algebra: matrices, determinants, systems of equations, vector spaces, linear transformations, eigenvalue, eigenvectors, applications. Prerequisites: Mathematics 2 (completed with a grade of "C" or higher). 3 hours. Transfer: CSU, UC; CSU/GE: B4; IGETC: Area 2; (CAN MATH 26) TCSU MATH 250.

(Revise transfer information)

25 COMPUTATIONAL METHODS FOR ENGINEERS AND SCIENTISTS 3 UNITS
(See also Engineering 25 and Physics 25)
Methodology and techniques for solving engineering/science problems using numerical-analysis computer-application programs MATLAB and EXCEL. Technical computing and visualization using MATLAB software. Examples and applications from applied-mathematics, physical-mechanics, electrical circuits, biology, thermal systems, fluid systems, and other branches of science and engineering. Prerequisite: Mathematics 1. Strongly recommended: Computer Application Systems 8 or Computer Science 8. May not receive credit if Mathematics 25 or Physics 25 has been completed. 2 hours lecture, 3 hours laboratory. Transfer: CSU, UC.

(Revise)

105 BASIC MATHEMATICS 3 UNITS
Fundamental concepts in arithmetic, including fractions, ratios, proportions, percents; order of operations, measurement, geometric formulas. Introduction to algebraic concepts, including signed numbers, properties of real numbers, algebraic expressions, linear equations, and graphs. May not receive credit if Mathematics 105L has been completed. 3 hours lecture, 0-1 hour laboratory.

(Revise)

105L BASIC MATHEMATICS WITH LAB 4 UNITS
Fundamental concepts in arithmetic, including fractions, ratios, proportions, percents; order of operations, measurement, geometric formulas. Introduction to algebraic concepts, including signed numbers, properties of real numbers, algebraic expressions, linear equations, and graphs. Includes laboratory and study group time to reinforce arithmetic skills and build conceptual understanding. May not receive credit if Mathematics 105 has been completed. 3 hours lecture, 2 hours laboratory.

MEDICAL ASSISTING (MEDA)

CHANGES TO PAGES 102-103

**MEDICAL ASSISTING
ASSOCIATE IN ARTS DEGREE**

(Revise)

SOPHOMORE YEAR FALL SPRING
Health 51B (Disease Process and Advanced Medical Terminology).....4

Health 70A (Community Cardiopulmonary Resuscitation)..... 1/2
Health 70B (Professional Cardiopulmonary Resuscitation).....0.2
Medical Assisting 70A* (Clinical Skills for the Medical Assistant I).....3
Medical Assisting 71A (Medical Administrative Skills I).....2
Medical Assisting 75 (Administration of Medications for the Medical Assistant).....3
Medical Assisting 70B* (Clinical Skills for the Medical Assistant II).....3
Medical Assisting 71B (Medical Administrative Skills II)2
Medical Assisting 73 (Clinical Experience Externship)4
Medical Assisting 74 (Clinical Experience Seminar) 1
Total..... 42.7

**MEDICAL ASSISTING
CERTIFICATE OF ACHIEVEMENT**

(Revise)

The Certificate Program in Medical Assisting is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP), 1361 Park Street, Clearwater, Florida 33756, 727-210-2350, www.caahep.org, on recommendation of the Curriculum Review Board (CRB) of the American Association of Medical Assistants' Endowment (AAMAE).

Completion of this program qualifies the student to take the National Certification examination CMA®-Certified Medical Assistant Exam. Graduates of the Medical Assisting programs at Chabot College will have an opportunity to apply for employment as Medical Assistants in an ambulatory care setting. Medical Assistants are multi-skilled allied health professionals who can perform a variety of administrative and clinical skills. Students completing in sequence the 31.7 units for the accredited Medical Assisting Certificate program are eligible to sit the American Association of Medical Assistants (AAMA) Certified Medical Assistant (CMA®) exam.

(Revise)

FALL SPRING
Health 70B (Professional Cardiopulmonary Resuscitation).....0.2
Medical Assisting 75 (Administration of Medications for the Medical Assistant).....3
(Replaces 73A & 73B)
Medical Assisting 73 (Clinical Experience Externship) 4
Total..... 31.7

(Revise)

Prior to placement at a Clinical Site (MEDA 73), the student must submit medical, dental and immunization records. A background check is also required. Forms will be distributed in MEDA 70A.

(Revise)

***An American Heart Association Health Care Provider Card is required for MEDA 73.**

MEDICAL ASSISTING (MEDA)

(Add)

73 CLINICAL EXPERIENCE (EXTERNSHIP) 4 UNITS
Application of principles and skills through participation in a simulated employment experience. Assisting the physician under close supervision in a health maintenance organization, or physician's office or clinic. Prerequisite: Medical Assisting 70A, 71A, 75. Corequisite: Medical Assisting 74. 16 hours per week. Total weeks: 13. Total hours: 208. Transfer: CSU.

(Revise)

74 CLINICAL EXPERIENCE SEMINAR 1 UNIT
Discussion and analysis of clinical experience in a clinic setting or private physician's office. Corequisite: Medical Assisting 73. 1 hour. Transfer: CSU.

(Revise corequisite)

75 ADMINISTRATION OF MEDICATIONS FOR THE MEDICAL ASSISTANT 3 UNITS
Medication administration including study of drugs, drug research, drug therapy, immunizations and skin tests. Safe preparation, administration, and documentation of medication given by oral, sublingual, inhalation, topical, vaginal, rectal, transdermal, intramuscular, subcutaneous and intradermal routes. Corequisite: Medical Assisting 70A and 71A. 2 hours lecture, 3 hours laboratory. Transfer: CSU.

MUSIC

CHANGES TO PAGES 103-106

(Add)

MUSIC TRANSFER PREPARATION

RECOMMENDED COURSES

All the courses listed below are accepted for transfer to the California State University (CSU) and University of California (UC) systems. The sequences are designed to satisfy lower-division Music major requirements of many CSU, UC and other 4-year institutions. For information about a specific transfer school, consult www.assist.org (CSU or UC), a counselor and/or music faculty member for assistance. While the classes listed here represent a minimum for most transfer schools; additional music courses will improve level of preparation for possible future auditions.

FRESHMAN YEAR	FALL	SPRING
Music 2A (Harmony and Musicianship I)	3	
Music 21A (Piano I)	1	
Music 24A (Music Practicum I)	3	
Music 12A (Symphonic Band I) or Music 44 (Concert Choir).....	1	

Music 2B (Harmony and Musicianship II)	3
Music 21B (Piano II).....	1
Music 24A (Music Practicum I).....	3
Music 12A (Symphonic Band I) or Music 44 (Concert Choir).....	1

SOPHOMORE YEAR	FALL	SPRING
Music 2C (Harmony and Musicianship III)	3	
Music 3 (World Music)	3	
Music 24A (Music Practicum I).....	3	
Music 12A (Symphonic Band I) or Music 44 (Concert Choir).....	1	
Music 2D (Harmony and Musicianship IV)	3	
Music 24A (Music Practicum I).....	3	
Music 12A (Symphonic Band I) or Music 44 (Concert Choir).....	1	
Total.....	33	

MUSIC

ASSOCIATE IN ARTS DEGREE

FRESHMAN YEAR	FALL	SPRING
Music 2A (Harmony and Musicianship I)	3	
Music 21A (Piano I) or Music 20 (Guitar I).....	1	
Music 12A (Symphonic Band I) or Music 44 (Concert Choir) or Music 15A (Jazz Ensemble I)	1	
Music 2B (Harmony and Musicianship II)	3	
Music 21B (Piano II) or Music 30 (Guitar II)	1	
Music 12A (Symphonic Band I) or Music 44 (Concert Choir) or Music 15A (Jazz Ensemble I)	1	

SOPHOMORE YEAR	FALL	SPRING
Music 2C (Harmony and Musicianship III)	3	
Music 12A (Symphonic Band I) or Music 44 (Concert Choir) or Music 15A (Jazz Ensemble I)	1	
Music 2D (Harmony and Musicianship IV)	3	
Music 12A (Symphonic Band I) or Music 44 (Concert Choir) or Music 15A (Jazz Ensemble I)	1	
Total.....	18	

General Education Courses

For specific General Education courses refer to catalog section on Graduation Requirements.

Total minimum units required..... 60

All music majors will be expected to pass a piano or guitar proficiency examination. Consult the Arts and Humanities Division Office for specific requirements.

MUSIC
LITERATURE, THEORY AND MUSICIANSHIP
(MUSL)

(Revise hours/units)

2A HARMONY AND MUSICIANSHIP I 3 UNITS
Study of the fundamentals of Western music applicable to both classical and popular styles: notation; fundamental theoretical concepts; musicianship skills including sight singing, rhythmic training, ear training, dictation, and keyboard realization; and basic compositional skills. Strongly recommended: Music 6 or equivalent skills. 2 hours lecture, 4 hours laboratory. Transfer: CSU, UC; AA/AS.

(Revise hours/units)

2B HARMONY AND MUSICIANSHIP II 3 UNITS
Continues diatonic harmony through part writing and ear training exercises as typified by musical practice from 1600 to the present. Continues solfeggio, chord recognition, melodic and rhythmic dictation, diatonic four-part voice leading, and figured bass realization. Introduces harmonic dictation, cadential elaboration, non-dominant seventh chords, and tonicization/modulation to the dominant. Prerequisite: Music 2A (*completed with a grade of "C" or higher*) 2 hours lecture, 4 hours laboratory. Transfer: CSU, UC; AA/AS.

(Revise hours/units)

2C HARMONY AND MUSICIANSHIP III 3 UNITS
Elements of both diatonic and chromatic harmony through part writing and ear training exercises as typified by musical practice from 1600 to the present. Continues solfeggio; chord recognition; melodic, rhythmic, and harmonic dictation; and figured bass realization. Introduces chorale dictation, chromatic four-part voice leading, chord progression and succession techniques, non-chord tones using figuration and rhythmic displacement, and mode mixture. Prerequisite: Music 2B (*completed with a grade of "C" or higher*). 2 hours lecture, 4 hours laboratory. Transfer: CSU, UC; AA/AS.

(Revise; hours/units change)

2D HARMONY AND MUSICIANSHIP IV 3 UNITS
Study of advanced chromatic harmony, 20th century harmonic practices, large musical structures, style composition, harmonic, structural, and stylistic analysis, and musicianship skills including sight singing, rhythmic training, dictation, and keyboard realization. Prerequisite: Music 2C (*completed with a grade of "C" or higher*). 2 hours lecture, 4 hours laboratory. Transfer: CSU, UC; AA/AS.

(Revise hours)

6 BASIC MUSIC SKILLS 2 UNITS
Essentials of music through notation, time elements, melody, harmony, and tonality, texture, dynamics and knowledge of the keyboard. Sight singing and ear training. 1 hour lecture, 4 hours laboratory. Transfer: CSU, UC; CSU/GE: C1.

MUSIC
PERFORMANCE (MUSP)

(Revise title)

15A JAZZ ENSEMBLE I 1 UNIT
(*May be repeated 3 times.*)

Reading, preparation and performance of contemporary jazz music arranged for standard Big Band. The band plays various concerts and festivals. Students develop ability to play various jazz styles, sight read, improvise, and play both as members of a section and as soloists. Enrollment by audition or permission of instructor. 4 hours laboratory. Transfer: CSU, UC.

(Revise title, prerequisite)

15B JAZZ ENSEMBLE II 1 UNIT
(*May be repeated 3 times.*)

For continuing instrumentalists who want experience in performing and interpreting standard Big Band literature. Students develop ability to play various jazz styles, sight read, improvise, and play both as members of a section and as soloists. Prerequisite: Music 15A (*completed with a grade of "C" or higher*). 4 hours laboratory. Transfer: CSU, UC.

(Revise)

16A JAZZ ORCHESTRA I 1 UNIT

Jazz Orchestra I is a performance organization that rehearses and performs a variety of contemporary jazz literature. Students develop ability to play various jazz styles, sight read, improvise, and play both as members of a section and as soloists. The orchestra plays various concerts and festivals. Opportunities to rehearse the orchestra as well as conduct. Enrollment by audition only. 4 hours laboratory. Transfer: CSU.

(Revise)

16B JAZZ ORCHESTRA II 1 UNIT

Jazz Orchestra II is a performance organization that rehearses and performs a variety of contemporary jazz literature. Students develop ability to play various jazz styles, sight read, improvise, and play both as members of a section and as soloists. The orchestra plays various concerts and festivals. Opportunities to arrange and compose for the orchestra as well as to conduct. Prerequisite: Music 16A (*completed with a grade of "C" or higher*). 4 hours laboratory. Transfer: CSU.

(Revise hours/units)

44 CONCERT CHOIR 1 UNIT
(*May be repeated 3 times*)

Development of vocal and musical ability to interpret and perform the highest calibre of choral literature. 4 hours laboratory. Transfer: CSU, UC; CSU/GE: C1; AA/AS.

(Revise hours/units)

45 CHAMBER CHOIR 1 UNIT
(*May be repeated 3 times*)

Development of sufficient vocal and music ability to interpret and perform a variety of vocal chamber music. Designed for the advanced singer. Enrollment subject to a standardized audition demonstrating musical ability and technical proficiency at a level suitable to the course level. 4 hours laboratory. Transfer: CSU, UC; CSU/GE: C1; AA/AS.

PHYSICAL EDUCATION
ASSOCIATE IN SCIENCE DEGREE

(Replace)

	FALL	SPRING
FRESHMAN YEAR		
Biology 50 (Anatomy and Physiology)		4
Physical Education 20 (Introduction to Physical Education).....		3
*Physical Education 1, 2, 3 (Physical Education Activity)		1
Physical Education 28 (Components of Physical Fitness—The Human Body) or Physical Education 62 (Introduction to Personal Fitness Training).....		3
Health 1 (Introduction to Health) or Physical Education 18 (Health and Fitness for Your Disability).....		3
Physical Education 17 (Introduction to Athletic Training)		4

	FALL	SPRING
SOPHOMORE YEAR		
Nutrition 1 (Nutrition)		3
Physical Education 8 (Sport in Contemporary Society) or Physical Education 15 (Peak Performance Through Mental Training).....		3
Physical Education 61 (Principles of Coaching Interscholastic Sports: Beyond the Basics)		3
Total.....		27

General Education Courses
For specific General Education courses refer to catalog section on Graduation Requirements.

Total minimum units required..... 60

*Meets General Education requirement.

The above listing is a suggested sequence only. Some courses may have prerequisites. Students may take courses in any sequence except where a prerequisite applies.

AQUATICS

CERTIFICATE OF ACHIEVEMENT

(Revise)

	FALL	SPRING
Health 60 (Responding to Emergencies) or Health 70B (Healthcare Provider CPR).....		0.2-1
Total.....		22.2-23

COACHING

CERTIFICATE OF ACHIEVEMENT

(Revise)

	FALL	SPRING
Health 60 (Responding to Emergencies) or Health 70B (Healthcare Provider CPR).....		0.2-1
Total.....		22.2-23

FITNESS INSTRUCTOR
CERTIFICATE OF ACHIEVEMENT

(Replace)

	FALL	SPRING
Physical Education 20 (Introduction to Physical Education).....		3
Physical Education 8 (Sport in Contemporary Society) or Physical Education 15 (Peak Performance Through Mental Training) or Physical Education 62 (Introduction to Personal Fitness Training).....		3
Health 1 (Introduction to Health) or Physical Education 18 (Health and Fitness for Your Disability).....		3
Physical Education 22 (Health and Fitness Assessments) or Physical Education 28 (Components of Physical Fitness—The Human Body)		3
*Physical Education 1, 2, 3 (Physical Education Activity)		1
Physical Education 4 (Basic Heart Rate Training) or Physical Education 6 (Physical Fitness Assessments)		1/2-1
Health 60 (Responding to Emergencies) or Health 70B (Healthcare Provider CPR).....		0.2-1
Nutrition 1 (Nutrition)		3
Biology 50 (Anatomy and Physiology)		4
Physical Education 17 (Introduction to Athletic Training)		4
Total.....		25.7-27

SPORTS INJURY CARE

CERTIFICATE OF ACHIEVEMENT

(Revise)

	FALL	SPRING
Health 60 (Responding to Emergencies) or Health 70B (Healthcare Provider CPR).....		0.2-1
Nutrition 1 (Nutrition) or Nutrition 58 (Nutrition for Sports and Athletic Performance) or Physical Education 58 (Nutrition for Sports and Athletic Performance).....		3
Total.....		21.2-23

AQUATICS

CERTIFICATE OF COMPLETION

(Revise)

FALL SPRING

Health 60 (Responding to Emergencies) or
 Health 70B (Healthcare
 Provider CPR)..... 0.2-1
Total..... 16.2-17½

COACHING

CERTIFICATE OF COMPLETION

(Revise)

FALL SPRING

Health 60 (Responding to Emergencies) or
 Health 70B (Healthcare
 Provider CPR)..... 0.2-1
Total..... 16.2-17½

FITNESS INSTRUCTOR

CERTIFICATE OF COMPLETION

(Replace)

FALL SPRING

Physical Education 20 (Introduction to
 Physical Education) or
 Physical Education 8 (Sport in Contemporary
 Society) or
 Physical Education 15 (Peak Performance
 Through Mental Training) or
 Physical Education 62 (Introduction to
 Personal Fitness Training).....3
 Health 1 (Introduction to Health) or
 Physical Education 18 (Health and
 Fitness for Your Disability).....3
 Physical Education 22 (Health and Fitness
 Assessments) or
 Physical Education 28 (Components of
 Physical Fitness—The Human Body).....3
 *Physical Education 1, 2, 3 (Physical Education
 Activity).....1
 Health 60 (Responding to Emergencies) or
 Health 70B (Healthcare
 Provider CPR)..... 0.2-1
 Nutrition 1 (Nutrition)3
Total..... 14.2-15

SPORTS INJURY CARE

CERTIFICATE OF COMPLETION

(Revise)

FALL SPRING

Health 70B (Healthcare
 Provider CPR).....0.2
Total..... 16.2-17½

PHYSICAL EDUCATION (PHED)

CHANGES TO PAGE 118

(Add)

59 LIFETIME FITNESS 3 UNITS
 Designed for students to take control of their personal health
 and cope with the changes that will occur in their physical abili-
 ties as they age. Includes skills, techniques and information to
 help adapt activity through the aging process with emphasis on
 physical activity appropriate for age group. 3 hours.

(Add)

62 INTRODUCTION TO PERSONAL
 FITNESS TRAINING 3 UNITS
 Includes the areas of physical activity and health, fitness evalua-
 tion, exercise prescription, exercise for special populations, exer-
 cise programming and the fundamentals of functional anatomy
 and exercise physiology as they pertain to personal training. Upon
 successful completion of the course students will be eligible for
 the National Certification Board Exam to attain certification in
 Personal Training through the National Council on Strength
 and Fitness. 3 hours.

CHANGES TO PAGES 121-125

PSYCHOLOGY-COUNSELING (PSCN)

CERTIFICATE OF COMPLETION:

(Add)

CASE MANAGEMENT FOR HUMAN SERVICES

CASE MANAGEMENT FOR HUMAN SERVICES CERTIFICATE OF COMPLETION

This certificate has been designed to provide students an intro-
 duction to case management skills needed to work effectively
 with consumers in a human services environment. Students will
 develop multicultural awareness and cultural competence needed
 to work in a social service setting, along with computer literacy
 and medical terminology. Students earning this Certificate of
 Completion will investigate multicultural issues and concepts
 which can affect social service delivery, learn computer appli-
 cations skills, complete an introductory medical terminology
 course, and complete course work in the fundamentals of human
 services and case management to document intake, assessment,
 evaluation, and ongoing delivery of service(s).

CORE COURSES FALL SPRING

Psychology-Counseling 1 (Introduction
 to Psychology-Counseling in a
 Multicultural Environment).....3
 Psychology-Counseling 2 (Introduction to
 Case Management for Human Services).....3

Computer Application Systems 8 (Computer Literacy) or Computer Application Systems 88A (Microsoft Word I) or Computer Science 8 (Computer Literacy)..3	
Psychology-Counseling 4 (Multiethnic/ cultural Communication) or Psychology-Counseling 13 (Multicultural Issues in Contemporary America)	3
Health 51A (Basic Medical Terminology)	4
Total.....	16

PSYCHOLOGY-COUNSELING (PSCN)

(Add)
23 COLLEGE READINESS 3 UNITS
Introduction to academic survival skills and strategies, campus resources and activities, career decision making and planning, college policies and procedures, interpersonal communications, self-exploration and goal setting, student rights and responsibilities, and campus visitation to a University of California or private institution and to a California State University. Designed for the first-year student to ease transition into college. 3 hours. Transfer CSU.

(Revise title)
25 TRANSITION TO COLLEGE ½ UNIT
A survey of practical strategies for academic success focusing on the new student. Examines goal setting, college policies, graduation requirements, campus resources, student rights and responsibilities, and student educational planning. Designed for first-time college students in order to enhance their transition into college and maximize their academic/vocational potential. 9 total hours. Transfer: CSU.

(Revise)
80 OCCUPATIONAL COMMUNITY SERVICE IN HUMAN SERVICES 2 UNITS
Community service experience (54-80 hours) in a human services setting approved by PSCN faculty as related to student's Human Services major or classes at Chabot. Cooperative effort between student and service site supervisor to accomplish agreed upon work objective and broaden experiences for the term enrolled. Student provides verification of service experience hours during the term. Student will make arrangements for hours and duties directly with site supervisor, after getting site approved by PSCN faculty. Community service hours will be provided on a volunteer basis unless other arrangements are made between the student and site supervisor. Students will meet with PSCN instructor one hour per week on campus for input and volunteer experience discussion focused on building working relationships and providing appropriate services to clients. 1 hour, 3 hours laboratory. Transfer: CSU.

REAL ESTATE (REST)

CHANGES TO PAGE 127

(Revise)
82A REAL ESTATE APPRAISAL 3 UNITS
Real estate appraisals, the appraisal process, and approaches, methods and techniques used to determine value of various types of property; current trends, neighborhood analysis, and preparing an appraisal report; emphasis on residential and single-unit property. Prerequisite: Real Estate 80. 3 hours. Transfer: CSU.

(Add)
90 EXAM PREPARATION: STATE OF CALIFORNIA REAL ESTATE LICENSING EXAM 2 UNITS
Real and personal property acquisition, ownership, estates in real property, joint tenancies, partnerships, sales contracts, homesteads, deeds and taxes. Methods of financing, real estate practices, and regulation of the real estate business. 2 hours.

CHANGES TO PAGE 128

RECREATION AND REHABILITATION THERAPIES (RECR)

(New; replaces RECR 67A and 67B)
67 ACTIVITY DIRECTORS TRAINING 4 UNITS
Fundamentals of activity programming for patients in Skilled Nursing Facilities and Intermediate Care Facilities. Includes an overview of the specific job responsibilities of an activity director as described in Section 72389, Skilled Nursing Facility Regulations and Intermediate Care Facility Regulations of the State of California, Title 22. Methods used to develop and implement therapeutic, social, and restorative activities. Activity analysis, leadership and motivational methods appropriate for residents of long term care facilities. 4 hours. Transfer: CSU.

RELIGIOUS STUDIES (RELS)

(Add)
70 SPIRITUAL TRADITIONS AND CONTEMPORARY VOICES 3 UNITS
Selected themes in spirituality. Contemporary and global spirituality will be read in view of how they expand on and/or reinterpret traditional themes. What does it mean to live a spiritual life in the 21st century? How would contemporary people and major issues of our day benefit from a spiritual approach? Themes and practices will be explored. 3 hours. Transfer: CSU; AA/AS.

SPEECH (SPCH)

(Revise)

11 INTERCULTURAL COMMUNICATION 3 UNITS
Intercultural communication with a focus on the analysis and comparisons of message perception and transmission in interactions between people from different cultures. Particular attention to values and meanings reflected in American culture, specifically the crisscrossing dynamics of race, ethnicity, gender, religion and class. Emphasis on practical application of skills for effective communication between people of different domestic and international cultures. 3 hours. Transfer: CSU, UC; CSU/GE: D7; AA/AS.

THEATER ARTS (THTR)

CHANGES TO PAGE 132

(Revise transfer information)

48 COLLEGE THEATER TECHNICAL 1-6 UNITS
(*May be repeated. Limit 24 units.*)

Participation in scheduled productions as crew members and/or constructing its technical elements. Enrollment is for the duration of the production. 3-18 hours laboratory. Transfer: CSU, UC; AA/AS.

CHANGES TO PAGE 160

(Revise)

ACADEMIC RENEWAL

Academic Renewal, in accordance with the California Code of Regulations sections 55764 and 55765, is a process that permits the alleviation of substandard (D's, F's) academic coursework not reflective of the student's current scholastic ability. The grades alleviated by this process will be disregarded in the computation of the student's grade point average. Only courses taken at the Chabot-Las Positas Community College District will apply. Work completed at other institutions may be considered for graduation eligibility only.

For students to be eligible for academic renewal they must be currently enrolled at Chabot and/or Las Positas College, and a period of at least two (2) years must have elapsed since completion of the coursework to be disregarded. The student may petition the Director of Admissions and Records at Chabot College or the Assistant Dean/Registrar at Las Positas College for academic renewal upon completion of the following:

1. a minimum of 12 units taken consecutively at Chabot and/or Las Positas with a grade point average of 2.5 or better,
or
2. a minimum of 20 units taken consecutively at Chabot and/or Las Positas with a minimum grade point average of 2.0.

The coursework to be disregarded cannot include courses previously used to meet Associate degree or Certificate requirements or to establish eligibility to transfer.

Upon approval, the student's permanent record shall be annotated in such a manner that all courses disregarded shall remain legible on the transcript, indicating a true and accurate history of the student's record.

Students may petition for academic renewal only once. Once the academic renewal process has been completed, it cannot be reversed. A maximum of 24 units of work may be renewed.

Academic renewal at Chabot and Las Positas College does not guarantee that other colleges will accept this action. Acceptance of academic renewal is at the discretion of the receiving institution.