

CHABOT COLLEGE  
CATALOG ADDENDUM  
2013-2014



25555 Hesperian Boulevard  
Hayward, CA 94545  
Telephone: (510) 723-6600  
Fax: (510) 782-9315  
[www.chabotcollege.edu](http://www.chabotcollege.edu)

## **CATALOG UPDATE**

The current Chabot College Catalog covers the period 2012-2014. Chabot College will not produce a new catalog this year but, rather, this addendum which reflects all changes or corrections through Spring, 2013. It is anticipated that a fully revised college catalog will be produced in Spring 2014.

This catalog supplement should be used by students and staff along with the existing 2012-2014 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

## 2013-2014

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### DIRECTORY

	TELEPHONE NUMBER
President . . . . .	723-6640
Vice President, Academic Services . . . . .	723-6627
Applied Technology & Business . . . . .	723-6653
Health Sciences, P.E. & Athletics . . . . .	723-7484
Language Arts . . . . .	723-6804
Library . . . . .	723-7513
School of the Arts . . . . .	723-6829
Science & Mathematics . . . . .	723-6898
Social Sciences . . . . .	723-6670
Vice President, Administrative 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 . . . . .	723-6716
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 2013-2014

## FALL SEMESTER 2013

Orientation Week

August 14 . . . . . New Faculty Orientation

August 15 . . . . . Convocation Day

August 16 . . . . . College Day

August 19 . . . . . INSTRUCTION BEGINS

August 24 . . . . . Instruction Begins Saturday Classes

August 30 . . . . . Last day to Add or Drop  
(NGR–No Grade of Record) in person

August 31- September 2 . . . . . Holiday Weekend – Labor Day  
Campus Closed

September 2 . . . . . Last day to Add or Drop  
(NGR–No Grade of Record) online

September 3 . . . . . Census for Full-Term Classes

September 13 . . . . . Deadline to apply for Pass/No Pass  
(Full-Term Classes)

October 30 . . . . . Last day to apply for Degree/Certificate

November 8 . . . . . Last day to drop with a “W” (Withdrawl)  
(in person or online)

November 9 . . . . . Saturday classes meet as scheduled

November 11 . . . . . Holiday – Veterans Day

November 27-30 . . . . . Holiday – Thanksgiving  
Campus Closed – No Saturday classes

December 7 . . . . . Last day of instruction, Saturday classes

December 13 . . . . . Last Day of Instruction, all classes

December 14 . . . . . Saturday Finals

December 16-20 . . . . . Final Examination Period

December 21-January 21 . . . . . Semester Recess

January 6 . . . . . Deadline for Instructors to File Grades

## SPRING SEMESTER 2014

January 20 . . . . . Holiday – Martin Luther King, Jr. Day  
Campus Closed

January 21 . . . . . INSTRUCTION BEGINS

January 25 . . . . . Instruction Begins Saturday Classes

February 7 . . . . . Last day to Add or Drop  
(NGR–No Grade of Record) in person

February 9 . . . . . Last day to Add or Drop  
NGR–No Grade of Record) online

February 10 . . . . . CENSUS DAY

February 14, 15, 16, 17 . . . . . Holiday – Presidents' Weekend  
Campus Closed

February 18, 19, 20 . . . . . Mandatory Flex Day (Campus Closed  
for daytime courses starting before 4:00 PM only)

February 20 . . . . . Deadline to apply for Pass/No Pass

April 9 . . . . . Last day to apply for Degree/Certificate

April 11 . . . . . Last day to drop with a “W” (Withdrawl)  
(in person)

April 12 . . . . . Saturday classes meet

April 13 . . . . . Last day to drop with a “W” (Withdrawl)  
(online)

April 14-19 . . . . . Spring Break (No Instruction)

April 30 . . . . . Spring Flex Day (Campus Closed  
for daytime courses starting before 4:00 PM only)

May 17 . . . . . Last Day of Instruction, Saturday Classes

May 22 . . . . . LAST DAY OF INSTRUCTION

May 24 . . . . . Saturday Finals

May 26 . . . . . Holiday – Memorial Day  
Campus Closed

May 24-30 . . . . . Final Examination Period

May 30 . . . . . Commencement

June 4 . . . . . Deadline for Instructors to File Grades

## CHANGES TO PAGE 14

(REVISED FEES)

### FEES

*Nonresident Tuition:* Out-of-state students are required to pay \$243.00 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 \$243.00 per semester unit in addition to the enrollment fee and basic fees.

## CHANGES TO PAGES 16–18 DEGREE AND CERTIFICATE PROGRAMS

(REVISE)

Program	Associate in Arts		Associate in Science		Certificate of Achievement	Certificate of Proficiency	Certificate
	AA	AA-T	AS	AS-T			
Administration of Justice	X			X			
Architecture	X		X		X		
Business Administration				X			
Consumer Technology Entrepreneur						X	
Geography	X	X					
Journalism	X	X					
Kinesiology		X					
Music		X					
Personal Fitness Training Entrepreneur						X	
Psychology		X					
Real Estate	X				X	X	
Studio Arts		X					
Theater Arts/Theatre Arts	X	X					

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# GRADUATION REQUIREMENTS

## CHANGES TO PAGES 19-21

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

#### A. LANGUAGE AND RATIONALITY

##### 3. Communication and Analytical Thinking

**(CORRECT COURSE NUMBER)**

Communication Studies 11A

**(ADD)**

Mathematics 53, 53A, 53B

**(DELETE)**

Mathematics 12

#### B. NATURAL SCIENCE

**(CHANGE IN DISCIPLINE/COURSE NUMBER)**

Physical Education 17 becomes Kinesiology 2

**(ADD)**

Psychology 4

**(DELETE)**

Biology 2A, 2B

#### C. HUMANITIES

**(CHANGE IN COURSE NUMBERS)**

English 11A, 12A  
Theater Arts 47A, 48A, 50A

**(ADD)**

Theater Arts 21, 22

**(DELETE)**

Humanities 75

#### D. SOCIAL AND BEHAVIORAL SCIENCES

**(ADD)**

Psychology 4

#### E. WELLNESS

##### 1. AREAS OF HEALTH

**(CHANGE IN DISCIPLINE/COURSE NUMBER)**

Physical Education 18 and 65 become Kinesiology 14 and 19

##### 2. PHYSICAL EDUCATION

**(CHANGE IN WORDING)**

Any Physical Education (Activity) Course with a rubric of ADPE, ATHL, PEAC

#### MATHEMATICS PROFICIENCY:

**(ADD)**

Mathematics 53B  
Psychology 5

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

#### A. LANGUAGE AND RATIONALITY

##### 2. Communication and Analytical Thinking

**(CORRECT COURSE NUMBER)**

Communication Studies 11A

**(ADD)**

Mathematics 53, 53A, 53B

**(DELETE)**

Mathematics 12

#### B. NATURAL SCIENCE

**(CHANGE IN DISCIPLINE/COURSE NUMBER)**

Physical Education 17 becomes Kinesiology 2

**(ADD)**

Psychology 4

**(DELETE)**

Biology 2A, 2B

#### C. HUMANITIES

**(CHANGE IN COURSE NUMBERS)**

English 11A, 12A  
Theater Arts 47A, 48A, 50A

**(ADD)**

Theater Arts 21, 22

**(DELETE)**

Humanities 75

#### D. SOCIAL AND BEHAVIORAL SCIENCES

**(ADD)**

Psychology 4

#### E. WELLNESS

**(Areas Of Health Or Physical Education)**

**(CHANGE IN DISCIPLINE/COURSE NUMBER)**

Physical Education 18 and 65 become Kinesiology 14 and 19

**(CHANGE IN WORDING)**

Any Physical Education (Activity) Course with a rubric of ADPE, ATHL, PEAC

#### MATHEMATICS PROFICIENCY:

**(ADD)**

Mathematics 53B  
Psychology 5



**California State University**  
 GENERAL EDUCATION  
 BREADTH REQUIREMENTS  
**2013-2014**  
 Effective Fall 2013, Spring 2014, Summer 2014



**COMPLETING CSU GENERAL EDUCATION-BREADTH (CSU/GEB)**

Chabot College students have the opportunity to complete all of their lower division CSU/GE requirements for the BA/BS Degree prior to transferring to any of the 23 California State Universities. By following the pattern of General Education (GE) requirements on the reverse side the student will be eligible for "Certification of General Education Breadth Requirements."

**\*\*\*\*CERTIFICATION\*\*\*\***

**Certification of General Education Breadth Requirement does not happen automatically; you must request CSU/GE certification at the time that you request your final transcript to be sent to the CSU school of your choice. File your request with Admissions and Records.**

Two types of CSU GE Certification

**Full CSU/GE Certification:** The student is eligible for FULL CSU/GE CERTIFICATION when they have completed the required number of units and courses in each GE Area, A-E and U.S. History, Constitution and American Ideals\* . This student will not have to complete additional lower division GE requirements that may be required at that CSU school. Transfer students will be responsible for additional upper division units, typically 9 semester (12 quarter) units, in GE, after transfer.

(\* **Area F: U.S. History, Constitution and American Ideals is not a part of CSU/GE Certification, however the courses that comprise this requirement can be counted in the Area D "Human Social, Political and Economic Institutions and Behavior."**

**Partial CSU/GE Certification:** Partial CSU/GE Certification is granted when one or more GE Areas have 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. They may have to complete additional lower division GE requirements in other GE areas that were not certified, plus additional units of upper division GE, typically 9 semester (12 quarter) units.

**TO TRANSFER AS A JUNIOR (Upper Division Transfer) TO A CSU YOU MUST:**

1. Complete Areas A1, A2, A3 and B4 with a grade of C (P) or better. (See the back of this flyer.)
2. Complete an additional 18 units from CSU/GE areas A-E, (including the units from above) for a total of 30 GE units. All courses would need to have a grade C (P) or better.
3. Complete an overall total of 60 semester (90 quarter) CSU transferable units with a cumulative GPA of 2.0 (C). See the CSU Transferable Course list *an alphabetical listed of CSU Transferable courses from Chabot.*
4. Individual CSUs may have different GPA requirements for transfer and admissions into specific programs. See a Counselor if you have questions.
5. Students completing CSU/GE as part of the "Associate Degree for Transfer" are required to complete Areas A-E. Completing American Institutions is not a requirement for the "Associate Degrees for Transfer".

Additional Certification requirements:

1. No more than 39 semester (58.5 quarter) units may be certified for the CSU General Education Breadth Requirements.
2. No more than 30 semester (45 quarter) units may be certified in Areas B through D combined.
3. Upon transfer, the student may be expected to complete a minimum of 9 semester units (upper division) of General Education Breadth Requirements at the CSU granting the baccalaureate degree and other specific graduation requirements of the transfer school.

**FULL CSU/GE Certification**

		<u>at Chabot</u>	<u>at Transfer Institution</u>
Area A:	Language and Communication	9 lower division semester units	
Area B:	Natural Science and Math	9 lower division semester units	3 upper division semester units
Area C:	Arts/Humanities	9 lower division semester units	3 upper division semester units
Area D:	Social Science	9 lower division semester units	3 upper division semester units
Area E:	Self Development	3 lower division semester units	
Area F:	American Institutions	6-8 lower division units*	

(\* *Units specifically for U.S. History, Constitution and American Ideals are not counted in the 39 unit limit for GE Certification, however those courses may be included and counted in Area D.*



**GENERAL EDUCATION BREADTH REQUIREMENTS  
CHABOT COLLEGE  
Effective Fall 2013, Spring 2014, Summer 2014**

C Com- pleted	IP In Pro- gress	N Need to Com- plete
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\*Courses (A-E) may be listed in more than one area, but shall not be counted in more than one area. Exception: courses taken in Area F can be used in Area D

<p><b>[A.] ENGLISH LANGUAGE COMMUNICATION AND CRITICAL THINKING</b> Select at least one course from each group. (9 sem. units) <b>A1</b> Communication Studies 1, 20, 30, 46 <b>A2</b> English 1A <b>A3</b> Communication Studies 46, English 4, English 7, History 5</p> <p align="right"><i>Courses for A1, A2, A3 must have a grade of "C" or better</i></p>	A1		
<p><b>[B.] SCIENTIFIC INQUIRY AND QUANTATIVE REASONING:</b> Select at least one course from Group B1, B2, and B4. At least one course must include a laboratory B3. <u>Underlined</u> courses are laboratory courses. Some labs are separate classes. (9 sem. units).</p> <p><b>B1 - Physical Sciences</b> Astronomy 10, 20, <u>30</u> Biotechnology <u>20</u> Chemistry 1A, <u>1B</u>, 5, 8, 10, 12A, 12B, 30A, 30B, 31 Geography 1, <u>1L</u>, 8 Physical Science <u>15</u> Physics <u>2A</u>, <u>2B</u>, <u>4A</u>, <u>4B</u>, 5, 11</p> <p><b>B2 - Life Science</b> Anatomy 1 Anthropology 1*, <u>1L</u>, 13 Biology 2, 4, 6, <u>10</u>, 25, 31, 50 Environmental Science 10, <u>11</u> Microbiology 1 Physiology 1</p> <p><b>B3 - Lab Science Requirement (B3)</b> <i>Any underlined number satisfies this requirement.</i></p> <p><b>B4 - Mathematics (Must have grade of "C" or better)</b> Psychology 5, Mathematics 1, 2, 3, 4, 6, 8, 15, 16, 20, 31, 33, 36, 37, 40, 43</p>	B1 B2 B3 B4		
<p><b>[C.] ARTS AND HUMANITIES:</b> Select at least one or two courses from each of the two discipline areas C1 and C2. (9 sem. units)</p> <p><b>C1 - Arts (Art, Dance, Music, Theatre)</b> Architecture 14 Art History 1, 4, 5, 6, 7, 20, 51 Film 50, 60 Music (MUSL) 1, 3, 4, 5, 8 Photography 20 Theater Arts 1, 5, 7, 10, 11, 12, 16</p> <p><b>C2 - Humanities (Literature, Philosophy, Foreign Languages)</b> Chinese 1A, 1B Communication Studies 2A, 5, 6 English 11A, 12A, 13, 20, 21*, 22*, 24, 25, 26, 28, 30, 31, 32, 38, 45, 48 French 1A, 1B, 2A, 2B General Studies 31* German 1A, 1B, 2A, 2B History 1*, 2*, 3*, 4* Humanities 50, 60, 65, 68, 72 Italian 1A, 1B, 2A, 2B Japanese 1A, 1B Philosophy 50, 60, 65, 70 Religious Studies 50, 64, 65, 70, 72 Sign Language 64, 65 Spanish 1A, 1B, 2A, 2B, 5</p>	C1 C2 C1 or C2		
<p><b>[D.] SOCIAL SCIENCES:</b> Select courses from at least two different disciplines, D1 through D0. (9 sem. units)</p> <p><b>D1 - Anthropology &amp; Archaeology</b> Anthropology 1*, 2, 3, 4, 5*, 7, 8, 12</p> <p><b>D2 - Economics</b> Economics 1, 2, 5, 10, 12</p> <p><b>D3 - Ethnic Studies</b> Anthropology 5* English 21*, 22* Ethnic Studies 1, 2, 3 History 19*, 20*, 21*, 22*, 25* Psychology - Counseling 4 Sociology 10</p> <p><b>D4 - Gender Studies</b> English 33 General Studies 31* History 27* Sociology 6*</p> <p><b>D5 - Geography</b> Geography 2, 3, 5, 10, 12, 20</p> <p><b>D6 - History</b> History 1*, 2*, 3, 4, 7, 8, 12, 19*, 20*, 21*, 22, 25*, 27*, 44</p> <p><b>D7 - Interdisciplinary Social or Behavioral Science</b> Business 17, 36 Communication Studies 11, 50 Computer Application Systems 50 Early Childhood Development 52, 56, 62, 67 Geography 10 Mass Communication 40, 41 Psychology - Counseling 1, 13</p> <p><b>D8 - Political Science, Government, and Legal Institutions</b> Administration of Justice 45, 60 Political Science 1, 12, 20, 25, 30, 45</p> <p><b>D9 - Psychology</b> Psychology 1, 2, 3, 6, 12*, 33</p> <p><b>D0 - Sociology and Criminology</b> Administration of Justice 50 Sociology 1, 2, 3*, 4, 5, 6*, 30*</p>	D D D		
<p><b>[E.] LIFELONG LEARNING AND SELF DEVELOPMENT</b> (3 sem. units) Communication Studies 10 Early Childhood Development 54, 56 Environmental Science 12 Health 1, 4, 8, 16 Kinesiology 6, 10, 11, 14, 19 Nutrition 1, 57, 58</p> <p>Physical Education Activity: Any course with rubrics of: ADPE, ATHL or PEAC (limit 2 sem. units of all activity classes) Psychology 8, 12* Psychology Counseling 10, 11, 20 Sociology 8, 30*</p> <p align="right"><i>(NOTE: AREA E. waived and 3 units granted for students with a DD-214)</i></p>	E		
<p><b>[F.] CSU graduation requires completion of US History, Constitution and American Ideals Requirement.</b> One of the following combinations will satisfy this requirement: <i>Courses may be counted Area D.</i> Total 6 sem. units.</p> <p><b>Group 1:</b> History 7 and One class from the following: History 8, 12, 21, 22, 25, or 27 or Political Science 1</p> <p align="center"><b>OR</b></p> <p><b>Group 2:</b> Political Science 1 and One class from the following: History 7, 8, 20, 21, 22, 25, or 27</p> <p align="center"><i>NOTE: POSC 12 is coded as US-3 and can be applied as necessary with a US-1 and US-2 to complete this requirement.</i></p>	F1 F2		





## INTERSEGMENTAL GENERAL EDUCATION TRANSFER CURRICULUM-IGETC

FOR THE CALIFORNIA STATE UNIVERSITY SYSTEM  
OR UNIVERSITY OF CALIFORNIA SYSTEM

### 2013-14

Effective Fall 2013, Spring 2014, Summer 2014



### INFORMATION & GUIDELINES FOR USING The Intersegmental General Education Transfer Curriculum (IGETC)

The Intersegmental General Education Transfer Curriculum IGETC is a general education pattern of courses which community college transfer students can use to fulfill lower-division general education requirements for either the CSU or UC systems, without the need, after transfer, to take additional lower-division general education courses.

The IGETC is NOT a part of the admissions requirements for CSU or UC, however, full completion of IGETC can be used as a selection criteria for specific programs and majors. We advise you to complete the entire IGETC pattern by end of the Spring term of the year you plan to transfer. For information about the courses required for lower division major preparation use ASSIST ([www.assist.org](http://www.assist.org)).

The IGETC is NOT advisable for all transfer students. While all CSU's accept IGETC, some colleges within the UC system do not. Students who intend to transfer into high unit majors, such as engineering, business or some pre-professional programs, should concentrate on completing the prerequisites for the major that the college screens to determine eligibility. The IGETC will probably be MOST USEFUL for those students wishing to keep their options open before making a final decision about transferring to a particular UC or CSU campus. **It is strongly recommended that students consult with a counselor to determine which general education pattern is best for their transfer goals.**

#### Guidelines for using IGETC:

1. Most students who use IGETC will complete ALL sections which will qualify them for FULL CERTIFICATION of the appropriate UC or CSU options. PARTIAL Certification is defined as completing all but two (2) courses on the IGETC pattern. The student petitions for certification and either the complete or partial certification is sent by Chabot to the designated CSU or UC where the student is planning on attending. If the student is partially IGETC certified, the CSU or UC will inform the student what classes they need to complete and what the completion deadline is for that campus. Please note: IGETC Areas 1 and 2 need to be completed to meet minimum UC or CSU admissions requirements.
2. CERTIFICATION: 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. In most cases Certification is completed by the last community college attended. Requests for IGETC Certification are made with Admissions and Records, Bldg 700 first floor.
3. All IGETC courses must be completed with a grade of C or better or a "P" (Pass).
4. CSU transfers (and students using IGETC for CSU Transfer Degrees) are required to complete the Oral Communications (AREA 1. Group 1C). It is recommended they also complete the U.S. History, Constitution and American Ideals (AI) even though it is not part of IGETC Certification nor required for admissions to CSU. Courses used to meet this requirement may also be used to satisfy IGETC Subject Area requirements, however, CSU campuses do have the discretion whether to allow courses to satisfy the CSU U.S. History, Constitutions and American Ideals (AI) graduation requirement to count in both 4F and to meet the AI graduation requirement. AA-T/AS-T (Transfer Degrees require completion of Oral Communications (Group 1C).
5. UC transfers need to complete the Foreign Language requirement. If you completed this requirement in high school or at another college, you will need to send us an official high school (or college) transcript. UC transfers are NOT required to complete the Oral Communications (Area A, Group C) or U.S. History, Constitution or American Ideals requirement.
6. Courses taken at other 4-year institutions, except for foreign institutions, can be used to certify IGETC. Students should be aware, however, that placement of courses within IGETC subject areas may vary from college to college. 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.
7. Students who initially enroll at a UC campus, then leave and attend a community college, and subsequently return to the same UC campus are considered "readmits" and as such may not use IGETC. However if the student attends a different UC, then the use of IGETC is allowed. CSU does not have a system-wide policy that addresses this issue. See a counselor if you have questions about this notation.

Using IGETC to complete lower division general education requirements is a GREAT way to save time and money in terms of completing GE graduation requirements at UC or CSU. It may be just right for you. However, it is very important that you consult with a counselor in developing your IGETC educational plan. While every assurance is taken in providing up-to-the-minute accurate written information ... our counselors are your BEST RESOURCE. Please make an appointment today to discuss what IGETC can do for YOU!!

*\*This pattern applies to courses completed in Fall, '13, Spring, '14 and Summer, '14. If you completed courses prior to these semesters, please consult the IGETC pattern for the year you completed the course. Consult with a counselor for clarification.*

## CHABOT COLLEGE

25555 Hesperian Boulevard  
Hayward, CA 94545  
(510) 723-6600

**IGETC - Effective Fall 2013, Spring 2014, Summer 2014**

<p>(*) 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.</p>	<p>C=Completed                      IP=In Progress                      N=Needs to Complete</p>	C	IP	N
<p><b>AREA 1 - ENGLISH COMMUNICATION</b>                      CSU: 3 courses - one course from Group 1A, 1B, and 1C.                      UC: 2 courses - one course from Group 1A and 1B</p> <p><b>Group 1A: ENGLISH COMPOSITION</b>                      (1 course, 3 sem. units)                      English 1A</p> <p><b>Group 1B: CRITICAL THINKING</b> (1 course, 3 sem. units)                      (course must have English Composition as a prerequisite)                      English 4 or 7</p> <p><b>Group 1C: ORAL COMMUNICATION</b> (CSU only)                      (1 course, 3 sem. units)                      Communication Studies 1, 20, 46</p>				
<p><b>AREA 2A - MATHEMATICAL CONCEPTS AND QUANTITATIVE REASONING:</b> (1 course, 3 sem. units)                      Math 1*, 2*, 3, 4, 8, 8, 15, 18, 20†, 31, 33*, 40, 43</p>				
<p><b>AREA 3-ARTS AND HUMANITIES:</b> (At least 3 courses, 9 sem. units).                      At least one course must be from the ARTS area and one course must be from the HUMANITIES area.)</p> <p><b>3A ARTS:</b> Art History 1, 4, 5, 6, 7, 20; Music (MUS)1, 3, 4, 5, 8; Photography 20; Theater Arts 10, 11, 12</p> <p><b>3B HUMANITIES:</b> English 20, 21, 22, 24, 25, 26, 28, 30, 31, 32, 33, 38, 45, 48; Communication Studies 6;                      French 2A, 2B; German 2A, 2B; General Studies 31; History 1*, 2*, 3*, 4*; Humanities 60, 65;                      Italian 2A, 2B; Philosophy 50, 60, 65, 70; Religious Studies 50, 64, 65, 70, 72; Spanish 2A, 2B</p>				
<p><b>AREA 4 - SOCIAL AND BEHAVIORAL SCIENCES:</b> (At least 3 courses, 9 sem. units). Courses <b>MUST</b> be completed from at least TWO disciplines or from an Interdisciplinary Sequence.</p> <p><b>4A ANTHROPOLOGY:</b> Anthropology 1*, 2, 3, 4, 5, 7, 8, 12  <b>4B ECONOMICS:</b> Economics 1, 2, 5, 10†  <b>4C ETHNIC STUDIES:</b> Ethnic Studies 1, 2, 3; Psychology-Counseling 4; Sociology 10†  <b>4D GENDER STUDIES:</b> History 27†; Sociology 6†  <b>4E GEOGRAPHY:</b> Geography 2, 3, 5, 12  <b>4F HISTORY:</b> History 1*, 2*, 3*, 4*, 7, 8, 12, 18, 20, 21, 22, 25, 27†  <b>4G INTERDISCIPLINARY, SOCIAL, AND BEHAVIORAL SCIENCES:</b> Communication Studies 11, 50; Geography 10                      Early Childhood Development 51, 52; Mass Communications 41  <b>4H POLITICAL SCIENCE:</b> Administration of Justice 45, 60; Political Science 1, 12, 20, 25, 30, 40, 45  <b>4I PSYCHOLOGY:</b> Psychology-Counseling 13; Psychology 1, 2, 3, 6, 12, 33  <b>4J SOCIOLOGY AND CRIMINOLOGY:</b> Administration of Justice 50; Sociology 1, 2, 3, 4, 5, 6†, 10†, 30</p>				
<p><b>AREA 5 - PHYSICAL AND BIOLOGICAL SCIENCES:</b> (At least 2 courses, 7-9 sem. units)                      One course from 5A and one course from 5B. At least one course must include a laboratory.</p> <p><b>5A PHYSICAL SCIENCE:</b> Astronomy 10†, 20†, Lab Only Astronomy 30; Chemistry 1A*, 1B*, 5, 8, 10†, 12A, 12B, 30A*, 30B*, 31*; Geography 1, 8, Lab Only Geography 11; Physical Science 15; Physics 2A*, 2B*, 3A*, 3B*, 4C*, 5, 11</p> <p><b>5B BIOLOGICAL SCIENCES:</b> Anatomy 1*; Anthropology 1*, Lab Only Anthropology 1L, 13; Biology 2, 4, 5, 10†, 25, 31*, 50† Environmental Science 10†, 11*; Microbiology 1; Physiology 1*</p> <p><b>5C Lab Science Requirement:</b>                      Any <u>underlined</u> number satisfies this requirement. Labs may be separate or integrated within the course.</p>				
<p><b>LANGUAGE OTHER THAN ENGLISH (UC ONLY Requirement):</b> 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: Chinese 1B, French 1B, German 1B, Italian 1B, Japanese 1B, Spanish 1B or American Sign Language 1B (Other languages may apply, see a counselor)</p>				UC Only
<p><b>COLLEGIATION REQUIREMENT - U.S. HISTORY, CONSTITUTION AND AMERICAN IDEALS</b>                      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 <b>MAY</b> be used to satisfy AREA 4 requirements. Total 6 sem. units.                      One of the following combinations will satisfy this requirement. Choose either 2 classes from Group 1 or Group 2.</p> <p>Group 1: History 7 and                      One class from:                      History 8, 12, 21, 22, 25, 27 or                      Political Science 1</p> <p align="center">OR</p> <p>Group 2: Political Science 1 and                      One class from:                      History 7, 8, 20, 21, 22, 25, 27</p> <p>(NOTE: POLSC 12 is coded as US-3 and can be applied as necessary with a US-1 and US-2 to complete this requirement)</p>				CSU Only
<p align="center">*The student is fully eligible for two years of transfer credit towards a degree for www.ASST.org for additional information.</p>				

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## CHANGES TO PAGE 43

### NONRESIDENT TUITION

Nonresidents of California are required to pay a tuition fee of \$243 per unit in addition to the enrollment fee.

### INTERNATIONAL STUDENT TUITION

The tuition fee for international students, non-immigrant aliens or students on other visa types is \$243 per unit in addition to the enrollment fee. International students (F-1 and M-1 visa) are required to enroll in a minimum of twelve units per semester.

## CHANGES TO PAGES 48–49

### CONTACTING THE DEPARTMENT OF CAMPUS SAFETY AND SECURITY

The Chabot College Safety and Security Department public office is located in Building 200, Room 203. When the office is closed, the on-duty security officer can be contacted by telephone in the following ways.

- From any off-campus telephone dial (510) 723-6923 or 6923 from any college phone.
- Activate any one of the red emergency Talk A Phones located throughout the campus.
- For Parking Permit Assistance (510) 723-7541.
- **FOR EMERGENCIES DIAL 911 FROM ANY PHONE.**

### LOST AND FOUND

A centralized Lost and Found is located in the Campus Safety Office in room 203, building 200. Articles deposited with the Lost and Found are held until the end of each semester. After this period, unclaimed items will be disposed.

## CHANGES TO PAGE 71

(ADD)

### ACADEMIC CREDIT, UNITS & COURSE NUMBERING

Courses at Chabot College are categorized in terms of credit-bearing, noncredit, and not-for-credit community service courses. Courses offered by the Community Education department are community-service offerings and do not carry college credit (not-for-credit, *see Page 52*). Courses listed in this catalog are either credit-bearing or noncredit. Noncredit courses do not carry college credit, and many have no enrollment fee. Noncredit courses are identified as such in the course listing, and are numbered

200 or higher. All other courses are credit courses and carry college units.

**Semester Units**—All courses in this catalog are described in semester units. One unit is equivalent to three hours of recitation, study or laboratory work per week throughout a semester.

**Numbering System and Transferability of Courses**—The system used in designation of courses is established to indicate the intent of the course and its relationship to the offerings of four year colleges and universities. Courses numbered 100 and above are not for A.A. Degree, A.S. Degree or transfer credit. Students may not receive more than 30 semester units for precollegiate basic skills courses (ESL and learning disabled students are exempted).

**Special Numbers and Rubrics**—The following special numbers and rubrics are used with a variety of course subject titles. Refer to the catalog listing for further description.

9	Colloquia
29	Independent Study (Transfer)
49	Contemporary Studies
97	Apprentice Courses
99	Special Studies
100–149	Basic Skills
150–199	Continuing Education Studies
200–299	Community Interest Studies (Non-Credit)

**CLASS SCHEDULE**—The specific information regarding the days, hours, instructors and rooms in which classes will be held in the coming semester is contained in the Class Schedule which is available from the Bookstore prior to the start of the semester.

**REGISTRATION**—A student must be registered in a course within the officially designated time, to receive credit.

**COURSE ATTRIBUTES AND TRANSFER DESIGNATIONS**—Look at the end of course descriptions to see the course attributes for application to the AA/AS Degree or transfer.

Attribute designations are as follows:

AA/AS:	Course will satisfy a GE area for the AA/AS degree.
CSU:	Course will transfer to the California State University.
CSU:	“Letter/number”: indicates the CSU/GE Area satisfied by this course. For example “B2” means that the course will satisfy a Life Science lecture requirement.
UC:	Course will transfer to the University of California.

IGETC: "Area number/letter": indicates the IGETC area satisfied by this course. For example IGETC Area 4A means that the course will satisfy a Social and Behavioral Science/Anthropology requirement.

AC: Course meets Chabot's American Cultures requirement.

## ADMINISTRATION OF JUSTICE (ADMJ)

### DEGREE:

**AA—ADMINISTRATION OF JUSTICE**

**AS-T—ADMINISTRATION OF JUSTICE**

The Associate of Science Degree in Administration of Justice for Transfer (AS-T) is specifically designed to prepare students to transfer to a California State University offering a major in Administration of Justice/Criminal Justice. The two year program combines instruction in aspects of criminal justice system with law enforcement, criminal law, evidence, and criminal procedure, with general education courses required for graduation and transfer. The degree prepares students seeking to transfer to a CSU Administration of Justice program or for careers in law enforcement, probation and parole, corrections, security and related criminal justice and technical occupations.

### Career Opportunities in Administration of Justice

Criminal Justice and related fields represent high growth employment opportunities. Some potential careers include Police Officer, County Sheriff, State Highway Patrol Officer, Correctional Officer, Probation and Parole Officers, Juvenile Counselor and Probation Officers.

### (NEW DEGREE)

## ADMINISTRATION OF JUSTICE ASSOCIATE IN SCIENCE FOR TRANSFER DEGREE

UNITS

### REQUIRED CORE (6 units)

Administration of Justice 50 (Introduction to the Administration of Justice) . . . . .	3
Administration of Justice 60 (Criminal Law) . . . . .	3

### LIST A (select two courses from the following—6 units)

Administration of Justice 61 (Evidence) . . . . .	3
Administration of Justice 63 (Criminal Investigation) . . . . .	3
Administration of Justice 70 (Community Relations) . . . . .	3
Administration of Justice 55 (Introduction to Correctional Science) . . . . .	3
Administration of Justice 40 (Juvenile Procedures) . . . . .	3
Administration of Justice 80 (Criminal Court Process) . . . . .	3
Administration of Justice 85 (Introduction to Forensics) . . . . .	3

### LIST B (select two courses from the following—minimum 6 units)

Sociology 1 (Principles of Sociology) . . . . .	3
Psychology 1 (General Psychology) . . . . .	3
Psychology 5 (Introductory Statistics for the Behavioral and Social Sciences) or Mathematics 43 (Introduction to Probability and Statistics) . . . . .	4
<b>Total</b> . . . . .	<b>18-19</b>

Required courses in the major: 18-19 units.  
 CSU GE or IGETC (CSU) requirements: 37-39 units  
 (Possible Double-counting: 12 units)  
 CSU transfer Electives as needed to reach 60 CSU transferable units.  
**TOTAL UNITS: 60 units**

**All courses in the major area of emphasis are required to have a grade of "C" or higher, and a cumulative GPA of 2.0 must be achieved.**

## ADMINISTRATION OF JUSTICE (ADMJ)

### (NEW COURSE)

**40 JUVENILE PROCEDURES 3 UNITS**

This course is an examination of the origin, development, and organization of the juvenile justice system as it evolved in the U.S. justice system. The course explores the theories that focus on juvenile law, courts and processes, and the constitutional protections extended to juveniles in the U.S. justice system. Strongly Recommended: ADMJ 50. 3 hours. Transfer: CSU.

### (REVISED CATALOG DESCRIPTION)

**50 INTRODUCTION TO THE ADMINISTRATION OF JUSTICE 3 UNITS**

This is an introductory course that examines the characteristics of the criminal justice system in the United States. The course covers the history, theory, and philosophy of administration of justice and the evolution of the principles, operational practices, and structure of the police, courts, and corrections agencies. Particular emphasis is placed on crime measurement, theoretical explanations of crime, and the challenges and opportunities for law enforcement in an increasingly diverse society. Students are introduced to the origins and development of criminal law, legal processes, and sentencing and incarceration policies. 3 hours. Transfer: CSU; UC; CSU/GE:D0; IGETC: Area 4J; AA/AS.

### (REVISED CATALOG DESCRIPTION)

**55 INTRODUCTION TO CORRECTIONAL SCIENCE 3 UNITS**

This course provides a critical analysis of punishment and the modern correctional process as utilized in the rehabilitation of adult and juvenile offenders. Exploration of the various types of punishment, alternatives to punishment, types of correctional institutions, and the impact of punishment on the criminal justice system. 3 hours. Transfer: CSU.

**(REVISED CATALOG DESCRIPTION)**

**60 CRIMINAL LAW 3 UNITS**

This course offers an analysis of the doctrine of criminal liability in the United States and the classification of crimes against persons, property, morals, and public welfare. Special emphasis is placed on the classification of crime, the general elements of particular crimes, and defenses to crime. This course utilizes case law and case studies to introduce students to criminal law and will include some limited discussion of prosecution and defense decision making, criminal culpability, and defenses to crime. 3 hours. Transfer: CSU; UC; CSU/GE:D8; IGETC: Area 4H; AA/AS.

**(REVISED CATALOG DESCRIPTION)**

**61 EVIDENCE 3 UNITS**

This course examines the origins, development, philosophy and the constitutional basis for the rules of evidence. During the course of the semester, we will explore the rules and policies governing the kinds of information which can be received at trial, how evidence can be properly developed and obtained by law enforcement officers, and how evidence may be considered by the judge and/or jury. Topics are considered from both a theoretical and a practical viewpoint. Strongly Recommended: ADMJ 50 and ADMJ 60. 3 hours. Transfer: CSU.

**(REVISED CATALOG DESCRIPTION)**

**63 CRIMINAL INVESTIGATION 3 UNITS**

This course addresses the techniques, procedures, and ethical issues in the investigation of crime, including organization of the investigative process, crime scene searches, interviewing and interrogating, surveillance, source of information, utility of evidence, scientific analysis of evidence and the role of the investigator in the trial process. Strongly Recommended: ADMJ 50 and ADMJ 60. 3 hours. Transfer: CSU.

**(REVISED CATALOG DESCRIPTION)**

**70 COMMUNITY RELATIONS 3 UNITS**

This course examines the complex, dynamic relationship between communities and the justice system in addressing crime and conflict with an emphasis on the challenges and prospects of administering justice within a diverse multicultural population. Topics covered may include crime prevention, restorative justice, conflict resolution, and ethics. Strongly Recommended: ADMJ 50. 3 hours. Transfer: CSU; UC.

**(NEW COURSE)**

**80 CRIMINAL COURT PROCESS 3 UNITS**

This course examines due process and the constitutional, statutory and rule-based issues that arise in the formal processing of a criminal case from pre-arrest through trial and appeal. Strongly Recommended: ADMJ 50 and ADMJ 60. 3 hours. Transfer: CSU.

**(NEW COURSE)**

**85 INTRODUCTION TO FORENSICS 3 UNITS**

This course provides an introduction to the role of forensics in criminal investigations. It examines the methods utilized in the forensic analysis of crime scenes, pattern evidence, instruments, firearms, documents and controlled substances. Strongly Recommended: ADMJ 50. 3 hours. Transfer: CSU.

**(REVISED CATALOG DESCRIPTION, UNITS)**

**89 FAMILY VIOLENCE 3 UNITS**

Origins of violence in the family including child abuse from the administration of justice perspective. Specific types of violent interactions and abuse among family members and responsible adults. Emphasis on techniques for use by peace officers and other social service professionals to intervene effectively. Transfer: CSU.

**ANTHROPOLOGY (ANTH)**

**ANTHROPOLOGY  
ASSOCIATE IN ARTS DEGREE**

**AREA B - choose two courses from the following list:**

**(CORRECT COURSE NUMBER)**

History 25 (American Indian History and Culture) . . . . . 3 units

**ANTHROPOLOGY (ANTH)**

**(REVISED TITLE, CATALOG DESCRIPTION)**

**2 INTRODUCTION TO ARCHAEOLOGY 3 UNITS**

This course is an introduction to the study of concepts, theories, data and models of anthropological archaeology that contribute to our knowledge of the human past. The course includes a discussion of the nature of scientific inquiry; the history and interdisciplinary nature of archaeological research; dating techniques; methods of survey, excavation, analysis, and interpretation; cultural resource management; professional ethics; and selected cultural sequences. This course may include a lab component. Strongly Recommended: Eligibility for ENGL 1A. 3 hours. Transfer: CSU; UC; CSU/GE:D8; IGETC: Area 4A; AA/AS.

**(REVISED TRANSFER INFORMATION)**

**13 FORENSIC ANTHROPOLOGY 3 UNITS**

...Transfer: CSU; UC; CSU/GE:B2; IGETC: Area 5B; AA/AS.

**ARCHITECTURE (ARCH)**

**DEGREE:**

**AA-ARCHITECTURE**

**AS-ARCHITECTURE**

**CERTIFICATE OF ACHIEVEMENT:**

**ARCHITECTURE TECHNOLOGY**

**(NEW CERTIFICATE)**

**ARCHITECTURE TECHNOLOGY**

**CERTIFICATE OF ACHIEVEMENT**

FRESHMAN YEAR	FALL	SPRING
Architecture 2A (Architectural Drawing and Graphics I) . . . . .		3
Architecture 14 (California Architecture and Urban Design) . . . . .		3
Architecture 68 (CAD for Architecture and Interior Design) . . . . .		3
Architecture 2B (Architectural Drawing and Graphics II) . . . . .		3
Architecture 4A (Architectural Drafting Principles I) . . . . .		3
Architecture 33 (3-D Modeling) . . . . .		3

SOPHOMORE YEAR		FALL	SPRING
Architecture 4B (Architectural Drafting Principles II)	3		
Architecture 8A (Fundamentals of Architectural Design I)	4		
Architecture 12 (Construction Materials and Methods)	3		
Architecture 8B (Fundamentals of Architectural Design II)	4		
Architecture 16 (Landscape Architecture)	2		
Architecture 80 (Architecture Internship)	2		
<b>Total</b>	<b>36</b>		

**(REPEATABILITY REMOVED)**

<b>4B</b>	<b>ARCHITECTURAL DRAFTING PRINCIPLES II</b>	<b>3 UNITS</b>
<b>33</b>	<b>3-D MODELING</b>	<b>3 UNITS</b>
<b>68</b>	<b>CAD FOR ARCHITECTURE AND INTERIOR DESIGN</b>	<b>3 UNITS</b>

**(HOURS CHANGED)**

<b>12</b>	<b>CONSTRUCTION MATERIALS AND METHODS</b>	<b>3 UNITS</b>
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...2 hours lecture, 4 hours laboratory. Transfer: CSU; AA/AS.

**(REVISED CATALOG DESCRIPTION)**

<b>80</b>	<b>ARCHITECTURE INTERNSHIP</b>	<b>2 UNITS</b>
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Architecture Internship in Architecture department setting approved by Architecture faculty as related to student's architecture major or classes at Chabot. Cooperative effort between student and architecture firm supervisor to accomplish agreed upon work objectives and broaden experiences. Student provides verification of service experience hours during the term. Students will get an architecture firm approved by architecture faculty and make arrangements for hours and duties directly with architecture firm supervisor. Students will meet with architecture instructor one hour per week on campus for input and hands-on experience discussion focused on architecture firm structures, project procedures, design developments and construction documents. (Students must contact instructor prior to registering for this internship class) Prerequisite: ARCH 4A and ARCH 8A and ARCH 33 (all completed with a grade of "C" or higher). 1 hour lecture, 4 hours laboratory. Transfer: CSU.

## ART (ART)

**(NEW DEGREE)**

### AA-T—STUDIO ARTS

The Associate in Arts in Studio Arts for Transfer Degree is designed for art students interested in transferring to a CSU school art program. Courses are offered in painting, drawing, ceramics, sculpture, photography, art history and digital technology.

The degree provides students with an opportunity to develop the techniques, visual sensibility, and historical understanding necessary for working with various materials. An understanding and exploration of the meanings and ideas generated by the things we make, and an awareness of the satisfaction inherent in the process of the "making," are essential parts of the program. Studio Arts

transfer degree provides a solid basis for transfer to a CSU school to continue work in upper division and graduate school and art-related fields such as Ceramist, Commercial Artist, Designer, Exhibition Designer, Art Critic/Writer, Art Director, Art Historian, and Art teaching.

## STUDIO ARTS

### ASSOCIATE IN ARTS FOR TRANSFER DEGREE

UNITS

**REQUIRED CORE (15 units)**

Art 2A (Introduction to Drawing)	3
Art 23 (2-D Foundations)	3
Art 24 (3-D Foundations)	3
Art History 5 (Art History—Renaissance to Modern)	3
Art History 4 (Art History—Ancient to Gothic)	3

**LIST A (select three courses from the following—9 units)**

Art 2B (Drawing and Composition) or Art 3A (Figure and Composition I)	3
Art 12A (Beginning Oil Painting) or Art 13A (Acrylic Painting—Beginning I)	3
Art 16A (Introduction to Ceramics I)	3
Art 17A (Beginning Sculpture I)	3
Digital Media 31A (Photoshop I) and Digital Media 32A (Illustrator I)	3
Photography 50 (Introduction to Photography)	3
<b>Total</b>	<b>24</b>

Required courses in the major: 24 units.

CSU GE or IGETC (CSU) requirements: 37-39 units

(Possible Double-counting: 6 units)

CSU transfer Electives as needed to reach 60 CSU transferable units.

**TOTAL UNITS: 60 units**

**All courses in the major area of emphasis are required to have a grade of "C" or higher, and a cumulative GPA of 2.0 must be achieved.**

## ART (ART)

**(REPEATABILITY REMOVED)**

<b>7B</b>	<b>INTERMEDIATE WATERCOLOR PAINTING</b>	<b>3 UNITS</b>
<b>7C</b>	<b>ADVANCED WATERCOLOR PAINTING I</b>	<b>3 UNITS</b>
<b>7D</b>	<b>ADVANCED WATERCOLOR PAINTING II</b>	<b>3 UNITS</b>

**REVISED TITLE, CATALOG DESCRIPTION)**

<b>12A</b>	<b>BEGINNING OIL PAINTING</b>	<b>3 UNITS</b>
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Projects in oil painting with and emphasis on fundamental painting techniques and approaches. 2 hours lecture, 4 hours laboratory. Transfer: CSU; UC.

**(REVISED TITLE, CATALOG DESCRIPTION)**

<b>12B</b>	<b>INTERMEDIATE OIL PAINTING</b>	<b>3 UNITS</b>
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Advanced projects in oil painting with an emphasis on individual creative work and development of personal ideas and style. Prerequisite: Art 12A. 2 hours lecture, 4 hours laboratory. Transfer: CSU; UC.

**(REVISED TITLE, CATALOG DESCRIPTION)**

**12C ADVANCED OIL PAINTING 3 UNITS**  
Continued development of advanced projects in oil painting with emphasis on individual creative work and development of personal ideas and style. Prerequisite: Art 12B. 2 hours lecture, 4 hours laboratory. Transfer: CSU; UC.

**(NEW COURSE)**

**12D ADVANCED OIL PAINTING II 3 UNITS**  
Advanced projects in oil painting with emphasis on individual creative work and development of personal ideas and style. Prerequisite: Art 12C. 2 hours lecture, 4 hours laboratory. Transfer: CSU; UC.

**(REPEATABILITY REMOVED)**

**16A INTRODUCTION TO CERAMICS I 3 UNITS**  
**16B INTRODUCTION TO CERAMICS II 3 UNITS**  
**16C INTRODUCTION TO CERAMICS III 3 UNITS**  
**16D CERAMICS - INTERMEDIATE 3 UNITS**  
**16E INDIVIDUAL PROJECTS IN CERAMICS 3 UNITS**

**(REVISED TITLE, REPEATABILITY REMOVED)**

**17A BEGINNING SCULPTURE I 3 UNITS**

**(NEW COURSE)**

**17B BEGINNING SCULPTURE II 3 UNITS**  
Further development of the technical skills of three dimensional sculpture and bas relief. Development of style in surface decoration, using various glazing techniques and methods of slip decoration are continued. Designed for art majors as well as general education students. Prerequisite: ART 17A (completed with a grade of "C" or higher). 2 hours lecture, 4 hours laboratory. Transfer: CSU; UC.

**(REVISED TITLE, CATALOG DESCRIPTION)**

**18A WOOD AND STONE SCULPTURE I 3 UNITS**  
Design and carve Bas-relief sculptures, using subtractive methods in wood and stone. Includes an introduction to art history and fundamentals of pneumatic (air power) technology. Elements and principles of three-dimensional design are emphasized in oral and written critiques. Designed for art majors as well as general education students. 2 hours lecture, 4 hours laboratory. Transfer: CSU; UC.

**(REVISED CATALOG DESCRIPTION, REPEATABILITY REMOVED)**

**20 ALL MEDIA SCULPTURE 3 UNITS**  
Concentrated individual studies in sculpture, designed to provide opportunity for continued investigation in the possibilities of a particular sculptural medium for the purpose of creating individual expression. Strongly Recommended: ART 17 (completed with a grade of "C" or higher). 2 hours lecture, 4 hours laboratory. Transfer: CSU; UC.

**(REVISED TITLE, CATALOG DESCRIPTION; REQUISITE CHANGE)**

**21 INDIVIDUAL PROJECTS IN CERAMIC SCULPTURE 3 UNITS**  
Projects in Ceramic Sculpture for intermediate to advanced students. Building on previous knowledge and skills acquired from previous assignments in Beginning Sculpture, students will produce artwork that expresses their individual styles. Strongly Recommended: ART 17A (completed with a grade of "C" or higher). 2 hours lecture, 4 hours laboratory. Transfer: CSU.

**(REPEATABILITY REMOVED)**

**22 METAL SCULPTURE—LOST WAX BRONZE CASTING 3 UNITS**  
**54 ILLUSTRATING CHILDREN'S BOOKS 3 UNITS**  
**57 GRAPHIC DESIGN INTERNSHIP 2 UNITS**

## ART HISTORY (ARTH)

### ART HISTORY (ARTH)

**(REPEATABILITY REMOVED)**

**51 INTRODUCTION TO MUSEUM STUDIES 4 1/2 UNITS**

## ASTRONOMY (ASTR)

**(REQUISITE CHANGE)**

**30 INTRODUCTION TO ASTRONOMY LAB 1 UNIT**  
Introduction to laboratory principles and techniques in astronomy. Includes telescope operation and measuring stellar magnitudes, spectral lines, motions of the sun, moon and planets. Prerequisite: ASTR 10 or ASTR 20. Transfer: CSU; UC; CSU/GE: B3; IGETC: Area 5A—Lab; AA/AS. 3 hours laboratory.

## AUTOMOTIVE TECHNOLOGY (ATEC)

**(TITLE CHANGE)**

**50 INTRODUCTION TO AUTOMOTIVE TECHNOLOGY 3 UNITS**  
Automotive industry fundamentals including careers; safety; fasteners, hand tool identification and usage; vehicle systems, electrical fundamentals; service information access and use; automotive chemical and fluid applications; hazardous waste handling; general shop equipment usage, and vehicle servicing. 2 1/2 hours lecture, 2 1/2 hours laboratory. Transfer: CSU.

**(REPEATABILITY REMOVED)**

**80 CALIFORNIA EMISSIONS TESTING TECHNICIAN TRAINING COURSE 7 1/2 UNITS**

## BIOLOGICAL SCIENCES

### BIOLOGY (BIOL)

**(CORRECT TRANSFER INFORMATION)**

**2 PRINCIPLES OF CELL/ MOLECULAR BIOLOGY AND GENETICS 5 UNITS**  
...Transfer: CSU; UC; CSU/GE: B2, B3; AA/AS.  
**4 PRINCIPLES OF ANIMAL BIOLOGY AND EVOLUTION 4 UNITS**  
...Transfer: CSU; UC; CSU/GE: B2, B3; AA/AS.

## BUSINESS (BUS)

### ACCOUNTING

ASSOCIATE IN SCIENCE DEGREE

(ADD)

#### Career Opportunities in Business

While many accounting careers require at least a bachelor's degree in accounting, an associate's degree in accounting opens the door to some entry-level accounting careers. After you complete your associate's degree in accounting, you will be qualified to work in a number of accounting careers. These include general bookkeeping or being a clerk of accounts payable or accounts receivable. After gaining some experience in an accounting career, you will generally find more career options. However, accounting career options for a graduate of an associate's degree program are not as numerous as accounting career options for a graduate of a bachelor's or master's degree program. Salaries for those who have an associate's degree in accounting usually range from \$25,000 to \$35,000. With a higher degree, there is also more room for salary growth. If you want to finish your degree quickly and start working, an associate's degree in accounting can be a good way to begin an accounting career. In some cases, you can use the credits you earn for your associate's degree in accounting to transfer to a four-year school and earn a bachelor's degree in accounting, opening up more accounting career options. One advantage of pursuing an associate's degree in accounting first is to see how good a fit the field is for you. Another advantage is that you can start working in only two years, as opposed to waiting four or five years to complete a higher degree program.

(DELETE FROM OPTION)

Business 43 (Personal Financial Planning) . . . . . 3 units  
Business 44 (Introduction to Investments) . . . . . 3-4 units

(CORRECT TOTAL)

**Total** . . . . . 41

(CORRECT CERTIFICATE TITLE)

### PROJECT MANAGEMENT

CERTIFICATE OF PROFICIENCY

(REVISED CORE COURSES)

### SMALL BUSINESS MANAGEMENT

CERTIFICATE OF ACHIEVEMENT

CORE COURSES

FALL SPRING

Business 26 (Small Business Management) . . . . . 3  
Business 10 (Business Law) . . . . . 4  
Business 36 (Introduction to Marketing) . . . . . 3

Business 7 (Accounting for Small Business) . . . . . 3  
Business 93 (QuickBooks) . . . . . 2  
Option\* . . . . . 4  
**Total** . . . . . 19

(CHANGES TO OPTIONS—REVISED TITLE)

**50E BUSINESS EMAIL AND INSTANT MESSAGING** 1 UNIT

## BUSINESS (BUS)

(DELETE)

**23 BUSINESS STRATEGY** 3 UNITS

(DELETE)

**27 LAW FOR SMALL BUSINESSES** 3 UNITS

(REVISED CATALOG DESCRIPTION)

**31 PROFESSIONAL SELLING** 3 UNITS

Application of business and behavioral sciences in a selling environment. Principles and techniques involved in selling ideas, products, and services. Emphasis on mastering the art of selling in retail stores and building successful relationships in a culturally diverse world. 3 hours. Transfer: CSU; AA/AS.

(REVISED CATALOG DESCRIPTION)

**32 RETAIL STORE MANAGEMENT** 3 UNITS

Principles and practices used in the management of retail stores, includes site selection, layout, organization, staffing, positioning, customer service, promotional techniques, buying, pricing, store security, and information systems. 3 hours. Transfer: CSU.

(REPEATABILITY REMOVED)

**50D RESUMES AND JOB APPLICATION LETTERS** 1 UNIT

(REVISED TITLE AND CATALOG DESCRIPTION)

**50E BUSINESS EMAIL AND INSTANT MESSAGING** 1 UNIT

Communication and technology principles for effective use of email and text messaging in a business environment. Includes email and text message content and subject line composition and editing, technology and tools, inbox management, etiquette, use as a job search tool, and security. 1 hour. Transfer: CSU.

(REPEATABILITY REMOVED)

**50F DEVELOPING A BUSINESS PLAN** 1 UNIT

(REVISED CATALOG DESCRIPTION)

**50G RETAIL STORE MANAGEMENT** 1 UNIT

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

(REPEATABILITY REMOVED)

**95 WORK EXPERIENCE** 1-3 UNITS

**96 WORK EXPERIENCE SEMINAR** 1 UNIT



## COMMUNICATION STUDIES (COMM)

### COMMUNICATION STUDIES

ASSOCIATE IN ARTS FOR TRANSFER DEGREE

(CATEGORY C, REMOVE)

Business 14 Business Communications) 3 units

## COMMUNICATION STUDIES (COMM)

(NEW COURSE)

**70A INTRODUCTION TO COMMUNICATION TUTOR TRAINING 2 UNITS**

An introduction to tutor training for the Communication Laboratory. Through lecture and hands-on tutoring experience students will demonstrate lab procedure, tutor strategies, and knowledge of basic components of public speaking. Prerequisite: COMM 1 or COMM 2A or COMM 10 or COMM 20 or COMM 46 or COMM 50 (each completed with a grade of "C" or higher) and instructor recommendation required. 1 hour lecture, 3 hours laboratory. Transfer: CSU.

(NEW COURSE)

**70B EXPERIENCED COMMUNICATION TUTOR TRAINING 2-3 UNITS**

Tutor training for the Communication Laboratory. Through lecture and hands-on tutoring, experienced tutors with at least one semester of lab experience will demonstrate lab procedure, tutor strategies, and thorough knowledge of basic components of public speaking, and ability to role-model these skills for new tutors. Prerequisite: COMM 70A (completed with a grade of "C" or higher). 1 hour lecture, 3-6 hours laboratory. Transfer: CSU.

## COMPUTER APPLICATION SYSTEMS (CAS)

### SOFTWARE SPECIALIST

CERTIFICATE OF ACHIEVEMENT

CORE COURSES FALL SPRING

(CORRECT UNITS)

Computer Application Systems 82  
(Designing Web Pages) or  
Computer Application Systems 84  
(Designing Business Graphics) . . . . . 3  
Electives\* . . . . . 3  
**Total . . . . . 25-26**

(REPEATABILITY REMOVED)

**55 MICROSOFT OFFICE INTEGRATION 3 UNITS**  
**58 INTRODUCTION TO MICROSOFT ACCESS 3 UNITS**  
**60 BUSINESS SOFTWARE APPLICATIONS/  
GENERAL ACCOUNTING 12 UNITS**  
**61 BUSINESS SOFTWARE APPLICATIONS/  
ADMINISTRATIVE SUPPORT 12 UNITS**  
**72A ELEMENTARY COMPUTER KEYBOARDING I 1 UNIT**  
**72B ELEMENTARY COMPUTER KEYBOARDING II 1 UNIT**  
**72C COMPUTER KEYBOARDING III 1 UNIT**

**72D INTRODUCTION TO MICROSOFT WORD 1 UNIT**  
**72E INTRODUCTION TO MICROSOFT EXCEL 1 UNIT**  
**72F INTRODUCTION TO MICROSOFT POWERPOINT 1 UNIT**  
**72G INTRODUCTION TO MICROSOFT ACCESS 1 UNIT**  
**72J 10-KEY 1 UNIT**  
**72K BUSINESS ENGLISH SKILLS I 1 UNIT**  
**72L BUSINESS ENGLISH SKILLS II 1 UNIT**  
**72M INTRODUCTION TO COMPUTING 1 UNIT**  
**72N INTRODUCTION TO THE INTERNET 1 UNIT**  
**72Q MICROSOFT OUTLOOK 1 UNIT**  
**100 ADAPTED COMPUTER KEYBOARDING 3 UNITS**  
**101 ADAPTED WORD PROCESSING 3 UNITS**  
**102 INTRODUCTION TO ASSISTIVE TECHNOLOGY 1 UNIT**  
**103 ASSISTIVE TECHNOLOGY LABORATORY 1 UNIT**

## COMPUTER NETWORK TECHNOLOGY (CNT)

(NEW COURSE)

**82A NETWORKING FOR HOME & SMALL BUSINESS 3 UNITS**  
(See also *Electronic Systems Technology 72A*)

First of four courses in the Cisco® Networking Academy® CCNA® Discovery program, providing career-oriented, IT-skills instruction. CCNA Discovery prepares the student for the Cisco Certified Entry Network Technician (CCENT™) and Cisco Certified Network Associate (CCNA™) exams. Students will plan, install, verify and troubleshoot a personal computer and home/small business network, configure Internet applications and services, and recognize and mitigate security threats. (May not receive credit if Computer Applications Systems 92A or Electronic Systems Technology 72A has been completed). 2 hours lecture, 2 hours laboratory. Transfer: CSU.

(NEW COURSE)

**82B NETWORKING FOR SMALL TO MEDIUM BUSINESS OR ISP 3 UNITS**

(See also *Electronic Systems Technology 72B*)  
Second of four courses in the Cisco® Networking Academy® CCNA® Discovery program, providing career-oriented, IT-skills instruction. CCNA Discovery prepares the student for the Cisco Certified Entry Network Technician (CCENT™) and Cisco Certified Network Associate (CCNA™) exams. Students will install, configure, and troubleshoot Cisco IOS® devices, plan a wired network infrastructure, implement basic WAN connectivity, demonstrate proper disaster recovery procedures, perform server backups, monitor network performance, isolate failures, and troubleshoot problems using logical application of the OSI model and the process of encapsulation. (May not receive credit if Computer Applications Systems 92B or Electronic Systems Technology 72B has been completed) Prerequisite: CAS 92A or CNT 82A or ESYS 72A (each completed with a grade of "C" or higher). 2 hours lecture, 2 hours laboratory. Transfer: CSU.

(NEW COURSE)

**82C ROUTING AND SWITCHING IN THE ENTERPRISE 3 UNITS**

(See also *Electronic Systems Technology 72C*)  
Third of four courses in the Cisco® Networking Academy® CCNA® Discovery program, providing career-oriented, IT-skills instruction. CCNA Discovery prepares the student for the Cisco Certified Entry Network Technician (CCENT™) and Cisco Certified Network Associate (CCNA™) exams. Students will implement, configure, and troubleshoot

an enterprise LAN network utilizing VLANs, access control lists, WAN links and advanced routing protocols. Prerequisite: CAS 92B or ESYS 72B or CNT 82B (each completed with a grade of "C" or higher). 2 hours lecture; 2 hours laboratory. Transfer: CSU.

**(NEW COURSE)**

**82D DESIGNING AND SUPPORTING COMPUTER NETWORKS 3 UNITS**

*(See also Electronic Systems Technology 72D)*

Fourth of four courses in the Cisco® Networking Academy® CCNA® Discovery program, providing career-oriented, IT-skills instruction. CCNA Discovery prepares the student for the Cisco Certified Entry Network Technician (CCENT™) and Cisco Certified Network Associate (CCNA™) exams. Students will implement, configure, and troubleshoot an enterprise LAN network utilizing VLANs, access control lists, WAN links and advanced routing protocols. Prerequisite: CAS 92C or ESYS 72C or CNT 82C (each completed with a grade of "C" or higher). 2 hours lecture; 2 hours laboratory. Transfer: CSU.

**(NEW COURSE)**

**83A IT ESSENTIALS: PC HARDWARE AND SOFTWARE I 2 UNITS**

*(See also Electronic Systems Technology 63A)*

First of two courses of the Cisco Networking Academy IT Essentials program. Students will describe the internal components of a computer, assemble a computer system, install an operating system, and troubleshoot using system tools and diagnostic software. Students will also connect to the Internet and share resources in a network environment. Additional topics covered include laptops and portable devices, wireless connectivity and basic implementation skills, Voice over Internet Protocol (VoIP), security, safety and environmental issues, applied network configuration and troubleshooting skills, and communication skills. (May not receive credit if Electronic Systems Technology 63A has been completed). 1 hour lecture, 2 hours laboratory. Transfer: CSU.

**(NEW COURSE)**

**83B IT ESSENTIALS: PC HARDWARE AND SOFTWARE II 2 UNITS**

*(See also Electronic Systems Technology 63B)*

Second of two courses of the Cisco Networking Academy IT Essentials program. Students will describe the process for upgrading computer hardware, assemble a computer system, upgrade, configure, and optimize an operating system, and troubleshoot using system tools and diagnostic software. Students will also connect to the Internet and share resources in a network environment. Additional advanced topics covered include laptops and portable devices, wireless connectivity, Voice over Internet Protocol (VoIP), security, applied network configuration and troubleshooting skills. (May not receive credit if Electronic Systems Technology 63B has been completed) Prerequisite: ESYS 63A or CNT 83A (each completed with a grade of "C" or higher). 1 hour lecture, 2 hours laboratory. Transfer: CSU.

## COMPUTER SCIENCE (CSCI)

### COMPUTER SCIENCE (GENERAL)

ASSOCIATE IN ARTS OR  
ASSOCIATE IN SCIENCE DEGREE

*In addition take 8 units of Computer*

*Science courses chosen from:*

**(REMOVE**

- Computer Science 44A (Perl Programming I) 2 units
- Computer Science 92 (Introduction to Dynamic Hypertext Markup Language (DHTML)) 2 units
- Computer Science 94 (XML and XSL for the Web) 2 units

### COMPUTER SCIENCE (EMPHASIS IN MATHEMATICS)

ASSOCIATE IN ARTS OR  
ASSOCIATE IN SCIENCE DEGREE

SOPHOMORE YEAR FALL SPRING

**(CORRECT UNITS)**

- Mathematics 6 (Elementary Linear Algebra)  
or Mathematics 8 (Discrete Mathematics)\*. . . . 3-4

**Total . . . . . 31-32**

## CONSTRUCTION ELECTRICIANS TRAINING PROGRAM (CELT)

**(REPEATABILITY REMOVED)**

- |           |  |                    |
|-----------|--|--------------------|
| <b>31</b> | <b>BASIC STATE ELECTRICIAN CERTIFICATION PREPARATION</b>             | <b>3 1/2 UNITS</b> |
| <b>32</b> | <b>STATE ELECTRICIAN CERTIFICATION PREPARATION—MODULE A</b>          | <b>2 UNITS</b>     |
| <b>33</b> | <b>OSHA 10 CONSTRUCTION TRAINING—MODULE B</b>                        | <b>1 UNIT</b>      |
| <b>34</b> | <b>FIRST AID AND CPR—MODULE C</b>                                    | <b>1/2 UNIT</b>    |
| <b>36</b> | <b>ADVANCED STATE ELECTRICIAN CERTIFICATION PREPARATION</b>          | <b>3 1/2 UNITS</b> |
| <b>37</b> | <b>ADVANCED STATE ELECTRICIAN CERTIFICATION PREPARATION—MODULE A</b> | <b>3 UNITS</b>     |
| <b>38</b> | <b>ADVANCED STATE ELECTRICIAN CERTIFICATION PREPARATION—MODULE B</b> | <b>1 UNIT</b>      |
| <b>39</b> | <b>ADVANCED STATE ELECTRICIAN CERTIFICATION PREPARATION—MODULE C</b> | <b>1/2 UNIT</b>    |

## DIGITAL MEDIA (DIGM)

### CERTIFICATE: DIGITAL MEDIA

(REVISED CERTIFICATE)

#### DIGITAL MEDIA CERTIFICATE

FRESHMAN YEAR	FALL	SPRING
Digital Media 31A (Photoshop I) . . . . .	1½	
Digital Media 31B (Photoshop II) . . . . .	1½	
Digital Media 32A (Illustrator I) . . . . .		1½
Digital Media 32B (Illustrator II) . . . . .		1½
Digital Media 35A (Dreamweaver I) . . . . .		1½

SOPHOMORE YEAR	FALL	SPRING
Digital Media 34 (JavaScript for Designers) . . . . .		3
Digital Media 35B (Dreamweaver II) . . . . .		1½
Digital Media 36A (Final Cut I) . . . . .		1½
Digital Media 36B (Final Cut II) . . . . .		1½
<b>Total</b> . . . . .		<b>15</b>

(NEW COURSE)

#### **34 JAVASCRIPT FOR DESIGNERS 3 UNITS**

Introduction to JavaScript, a scripting language used to add interactivity to web pages. Covers the aspects of JavaScript most useful to web designers: basic object-oriented programming techniques; using the Document Object Model to control page elements such as windows, links, forms, and images; working with free JavaScript libraries such as jQuery. Strongly Recommended: DIGM 35A (completed with a grade of "C" or higher). 2 hours lecture, 4 hours laboratory. Transfer: CSU.

(REVISED STRONGLY RECOMMENDED COURSES)

#### **35B DREAMWEAVER II 1 ½ 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: DIGM 35A (completed with a grade of "C" or higher) Strongly Recommended: DIGM 31A and DIGM 32A and DIGM 34A (each completed with a grade of "C" or higher) or DIGM 36A (completed with a grade of "C" or higher). 1 hour lecture, 2 hours laboratory. Transfer: CSU.

(REVISED CATALOG DESCRIPTION)

#### **36A FINAL CUT I 1 ½ UNITS**

Introduction to video editing using Apple's Final Cut Pro software. 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 an external hard drive with a capacity of at least 500 GB and a set of headphones or earbuds. 1 hour lecture, 2 hours laboratory. Transfer: CSU.

(REVISED CATALOG DESCRIPTION)

#### **36B FINAL CUT II 1 ½ 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 an external hard drive with a capacity of at least 500 GB and a set of headphones or earbuds. 1 hour lecture, 2 hours laboratory. Transfer: CSU.

(DELETE)

<b>37</b>	<b>FLASH ACTIONSRIPT</b>	<b>3 UNITS</b>
<b>38</b>	<b>FLASH ANIMATION</b>	<b>3 UNITS</b>
<b>40</b>	<b>INDIVIDUAL PROJECTS IN DIGITAL MEDIA</b>	<b>1 UNIT</b>

## EARLY CHILDHOOD DEVELOPMENT (ECD)

### EARLY CHILDHOOD INTERVENTION

ASSOCIATE IN ARTS DEGREE

FRESHMAN YEAR	FALL	SPRING
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(CORRECT COURSE NUMBER AND TITLE)

Early Childhood Development 56		
(Child Growth and Development) . . . . .		3

## EARLY CHILDHOOD DEVELOPMENT (ECD)

(REVISED CATALOG DESCRIPTION)

#### **50 EARLY CHILDHOOD PRINCIPLES AND PRACTICES 3 UNITS**

An examination of the underlying theoretical principles of developmentally appropriate practices applied to programs, environments, emphasizing the key role of relationships, constructive adult-child interactions, and teaching strategies in supporting physical, social, creative and intellectual development of all young children. This course includes a review of the historical roots of early childhood programs and the evolution of the professional practices promoting advocacy, ethics, and professional identity. 3 hours. Transfer: CSU.

(REVISED CATALOG DESCRIPTION)

#### **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, educational, economic, historical and developmental factors affecting children, families and relationship of the family to early care and education and to community resources. The processes of socialization and identity development will be highlighted. 3 hours. Transfer: CSU; CSU/GE: D7; AA/AS.

(REVISED CATALOG DESCRIPTION)

#### **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 including infant and toddler within cultural context. Prerequisite: ECD 50 and

ECD 56 (both completed with a grade of "C" or higher). 3 hours lecture, 3 hours laboratory. Transfer: CSU.

**(REPEATABILITY REMOVED)**

**89 ISSUES IN EARLY CHILDHOOD EDUCATION 1-3 UNITS**

**(REVISED CATALOG DESCRIPTION, REVISED REQUISITES)**

**90 PRACTICUM: SUPERVISED EXPERIENCE 4 UNITS**

Practicum lab experience working with young children under the supervision of an ECE/CD faculty. Students will utilize practical classroom experiences to make connections between theory and practice, develop professional behaviors, and build a comprehensive understanding of children and families. Child centered, play-oriented approaches to teaching, learning and assessment; and knowledge of curriculum content areas will be emphasized as student teachers design, implement and evaluate experiences that promote positive development and learning for all young children. Prerequisite: ECD 63, ECD 62, ECD 50, and ECD 56 (all completed with a grade of "C" or higher). 2 hours lecture, 6 hours laboratory. Transfer: CSU.

**(REPEATABILITY REMOVED)**

**95 WORK EXPERIENCE 1-3 UNITS**

**96 WORK EXPERIENCE SEMINAR 1 UNIT**

## ELECTRONIC SYSTEMS TECHNOLOGY (ESYS)

**(REVISED CATALOG DESCRIPTION)**

**63A IT ESSENTIALS: PC HARDWARE AND SOFTWARE I 2 UNITS**

*(See also Computer Network Technology 83A)*

First of two courses of the Cisco Networking Academy IT Essentials program. Students will describe the internal components of a computer, assemble a computer system, install an operating system, and troubleshoot using system tools and diagnostic software. Students will also connect to the Internet and share resources in a network environment. Additional topics covered include laptops and portable devices, wireless connectivity and basic implementation skills, Voice over Internet Protocol (VoIP), security, safety and environmental issues, applied network configuration and troubleshooting skills, and communication skills. (May not receive credit if Computer Networking Technology 83A has been completed). 1 hour lecture, 2 hours laboratory. Transfer: CSU.

**(REVISED CATALOG DESCRIPTION)**

**63B IT ESSENTIALS: PC HARDWARE AND SOFTWARE II 2 UNITS**

*(See also Computer Network Technology 83B)*

Second of two courses of the Cisco Networking Academy IT Essentials program. Students will describe the process for upgrading computer hardware, assemble a computer system, upgrade, configure, and optimize an operating system, and troubleshoot using system tools and diagnostic software. Students will also connect to the Internet and share resources in a network environment. Additional advanced topics covered include laptops and portable devices, wireless connectivity, Voice over Internet Protocol (VoIP), security, applied network configuration and troubleshooting skills. (May not receive credit if Computer Networking Technology 83B has been completed) Prerequisite: ESYS 63A or CNT 83A (each completed with a grade of "C" or higher). 1 hour lecture, 2 hours laboratory.

**(NEW COURSE)**

**72A NETWORKING FOR HOME & SMALL BUSINESS 3 UNITS**

*(See also Computer Network Technology 82A)*

First of four courses in the Cisco® Networking Academy® CCNA® Discovery program, providing career-oriented, IT-skills instruction. CCNA Discovery prepares the student for the Cisco Certified Entry Network Technician (CCENT™) and Cisco Certified Network Associate (CCNA™) exams. Students will plan, install, verify and troubleshoot a personal computer and home/small business network, configure Internet applications and services, and recognize and mitigate security threats. (May not receive credit if Computer Applications Systems 92A or Computer Networking Technology 82A has been completed). 2 hours lecture, 2 hours laboratory. Transfer: CSU.

**(NEW COURSE)**

**72B NETWORKING FOR SMALL TO MEDIUM BUSINESS OR ISP 3 UNITS**

*(See also Computer Network Technology 82B)*

Second of four courses in the Cisco® Networking Academy® CCNA® Discovery program, providing career-oriented, IT-skills instruction. CCNA Discovery prepares the student for the Cisco Certified Entry Network Technician (CCENT™) and Cisco Certified Network Associate (CCNA™) exams. Students will install, configure, and troubleshoot Cisco IOS® devices, plan a wired network infrastructure, implement basic WAN connectivity, demonstrate proper disaster recovery procedures, perform server backups, monitor network performance, isolate failures, and troubleshoot problems using logical application of the OSI model and the process of encapsulation. (May not receive credit if Computer Applications Systems 92B or Computer Networking Technology 82B has been completed). Prerequisite: CAS 92A or ESYS 72A or CNT 82A (each completed with a grade of "C" or higher). 2 hours lecture; 2 hours laboratory. Transfer: CSU.

**(NEW COURSE)**

**72C ROUTING AND SWITCHING IN THE ENTERPRISE 3 UNITS**

*(See also Computer Network Technology 82C)*

Third of four courses in the Cisco® Networking Academy® CCNA® Discovery program, providing career-oriented, IT-skills instruction. CCNA Discovery prepares the student for the Cisco Certified Entry Network Technician (CCENT™) and Cisco Certified Network Associate (CCNA™) exams. Students will implement, configure, and troubleshoot an enterprise LAN network utilizing VLANs, access control lists, WAN links and advanced routing protocols. Prerequisite: CAS 92B or ESYS 72B or CNT 82B (each completed with a grade of "C" or higher). 2 hours lecture; 2 hours laboratory. Transfer: CSU.

**(NEW COURSE)**

**72D DESIGNING AND SUPPORTING COMPUTER NETWORKS 3 UNITS**

*(See also Computer Network Technology 82D)*

Fourth of four courses in the Cisco® Networking Academy® CCNA® Discovery program, providing career-oriented, IT-skills instruction. CCNA Discovery prepares the student for the Cisco Certified Entry Network Technician (CCENT™) and Cisco Certified Network Associate (CCNA™) exams. Students will implement, configure, and troubleshoot an enterprise LAN network utilizing VLANs, access control lists, WAN links and advanced routing protocols. Prerequisite: CAS 92C or ESYS 72C or CNT 82C (each completed with a grade of "C" or higher). 2 hours lecture; 2 hours laboratory. Transfer: CSU.

## ENGLISH (ENGL)

### COMPOSITION & LITERATURE

**(REVISED COURSE NUMBER)**

**11A INTRODUCTION TO CREATIVE WRITING 3 UNITS**  
Elements of creative writing, including narrative, verse and dialogue, using materials drawn from individual's own work and selected texts. Strongly Recommended: Eligibility for ENGL 1A. 3 hours. Transfer: CSU; CSU/GE: C2; AA/AS.

**(NEW COURSE)**

**11B INTERMEDIATE CREATIVE WRITING 3 UNITS**  
Elements of creative writing at an intermediate level. Builds on the skills developed in English 11A including short story development, poetry writing and play writing, using materials drawn from individual's own work and selected texts. Prerequisite: ENGL 11A (completed with a grade of "C" or higher). 3 hours. Transfer: CSU.

**(REVISED COURSE NUMBER, REQUISITE)**

**12A THE CRAFT OF WRITING—FICTION 3 UNITS**  
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 ENGL 1A. 3 hours. Transfer: CSU; CSU/GE: C2; AA/AS.

**(NEW COURSE)**

**12B INTERMEDIATE CRAFT OF WRITING—FICTION 3 UNIT**  
Practice in writing fiction at an intermediate level. Builds on the skills developed in English 12A by requiring greater use of description, detail, character development, consistent point of view, and logical plotting that avoids cliché. Focus on developing themes that create intellectual or emotional resonance. Expectation of sentence structure, grammar, and format accuracy. Develop internal and external sources for stories and novels; analysis and criticism of published work. Requires submission for publication at the end of the semester. Prerequisite: ENGL 12A (completed with a grade of "C" or higher). 3 hours. Transfer: CSU.

**(NEW COURSE)**

**19 LITERARY MAGAZINE WORKSHOP 1 UNIT**  
Practical workshop training in the managing, editing, and printing of a literary supplement and/or magazine. Workshop enrollment constitutes the staff of the magazine Strongly Recommended: Eligibility for ENGL 1A. 1 hour. Transfer: CSU.

**(REVISED TRANSFER INFORMATION)**

**31 INTRODUCTION TO GAY AND LESBIAN LITERATURE 3 UNITS**  
...Transfer: CSU; CSU/GE: C2; IGETC: Area 3B; AA/AS.

### LEARNING SKILLS

**(REPEATABILITY REMOVED)**

<b>117</b>	<b>LEARNING SKILLS—READING</b>	<b>4 UNITS</b>
<b>118A</b>	<b>LEARNING SKILLS: READING/WRITING</b>	<b>3 UNITS</b>
<b>118B</b>	<b>LEARNING SKILLS: WRITING/READING</b>	<b>3 UNITS</b>
<b>119</b>	<b>LEARNING SKILLS—PROBLEM SOLVING</b>	<b>3 UNITS</b>
<b>120</b>	<b>LEARNING SKILLS—STUDY STRATEGIES</b>	<b>2 UNITS</b>

### ENGLISH AS A SECOND LANGUAGE (ESL)

**(REVISED TITLE, CATALOG DESCRIPTION)**

**110A HIGH BEGINNING READING AND WRITING 6 UNITS**  
A comprehensive review of basic sentence types; short writing assignments; reading fiction and nonfiction; reinforces fluency in reading, writing, and grammar. 6 hours.

**(NEW COURSE)**

**115A WRITING WORKSHOP FOR NON-NATIVE SPEAKERS I 1/2 UNIT**  
Individualized and group instruction in writing with emphasis on pre-writing, organization, and correctness. Student develops and reinforces academic writing skills through conferencing with instructor, group workshops, completing online exercises, completing and revising writing assignments, and working with instructor and tutors on individual writing needs. Strongly Recommended: Eligibility for ESL 110B. 1½ hours laboratory.

**(NEW COURSE)**

**115B WRITING WORKSHOP FOR NON-NATIVE SPEAKERS II 1/2 UNIT**  
Individualized and group instruction in writing with emphasis on essay organization and idea development. Student develops and reinforces academic writing skills through conferencing with instructor, group workshops, completing online exercises, completing and revising writing assignments, and working with instructor and tutors on individual writing needs. Strongly Recommended: Eligibility for ESL 110B. Prerequisite: ESL 115A (completed with a grade of "P" or higher). 1½ hours laboratory.

**(NEW COURSE)**

**116A INTRODUCTION TO REVIEW OF BASIC ENGLISH 3 UNITS**  
A comprehensive review of basic sentence types; short writing assignments; reading fiction and nonfiction; reinforces fluency in reading, writing, and grammar. 3 hours.

**(NEW COURSE)**

**116B REVIEW OF BASIC ENGLISH 3 UNITS**  
A continuation of a comprehensive review of basic sentence types; short writing assignments; reading fiction and nonfiction; reinforces fluency in reading, writing, and grammar. Prerequisite: ESL 116A. 3 hours.

**(NEW COURSE)**

**117A INTRODUCTION TO INTERMEDIATE READING AND WRITING 3 UNITS**

Introduction to logical paragraph development; reading both fiction and nonfiction; emphasis on the development of vocabulary and grammatical structures of written English. Prerequisite: ESL 116B (completed with a grade of "P" or higher) Eligibility for: ESL 110B. 3 hours.

**(NEW COURSE)**

**117B INTERMEDIATE READING AND WRITING 3 UNITS**

A continuation of the study of logical paragraph development; reading fiction and nonfiction; emphasis on the development of vocabulary and grammatical structures of written English. Prerequisite: ESL 117A (completed with a grade of "P" or higher) 3 hours.

**(REVISED COURSE DESCRIPTION)**

**128 FACULTY-STUDENT TUTORIAL—ESL 1/2-1 UNIT**

Self-paced, individualized instruction in academic English for students who speak English as a second language. Focus on academic writing, reading, listening, and speaking skills needed in college courses. 1.5-3 hours laboratory.

**ENTREPRENEURSHIP (ENTR)**

- CERTIFICATE OF PROFICIENCY:**
- ADMINISTRATIVE ASSISTANT**
- ENTREPRENEUR**
- AUTOMOTIVE TECHNOLOGY**
- ENTREPRENEUR**
- CONSUMER TECHNOLOGY**
- ENTREPRENEUR**
- ENTREPRENEURSHIP**
- MUSIC INDUSTRY ENTREPRENEUR**
- PERSONAL FITNESS TRAINING**
- ENTREPRENEUR**
- REAL ESTATE ENTREPRENEUR**

**(REVISED CERTIFICATE)**

**AUTOMOTIVE TECHNOLOGY ENTREPRENEUR**  
CERTIFICATE OF PROFICIENCY

The Automotive Technology Entrepreneurship program introduces students to the fundamentals of automotive repair business ownership. The focus is on developing core automotive technology skills, and key business start-up skills.

**CORE COURSES**

**FALL SPRING**

Automotive Technology 50 (Automotive Fundamentals).....	2½
Automotive Technology 6A (Automotive Electrical and Electronic Fundamentals) .....	4
Entrepreneurship 1 (Introduction to Entrepreneurship) .....	3
Entrepreneurship 30 (The Business Plan) .....	3
Elective*.....	2½-4
<b>Total.....</b>	<b>15-16½</b>

**\*Elective**

*Choose any one of the following:*

Automotive Technology 2 (Automotive Automatic Transmissions and Transaxles).....	3 units
Automotive Technology 3 (Automotive Manual Transmissions and Transaxles).....	3 units
Automotive Technology 4 (Automotive Suspension and Steering) .....	3 units
Automotive Technology 5 (Automotive Heating and Air Conditioning Systems) .....	3 units
Automotive Technology 7 (Automotive Braking Systems) ..	2½ units
Automotive Technology 8 (Automotive Air and Fuel Delivery Systems) .....	4 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.

**(NEW CERTIFICATE)**

**CONSUMER TECHNOLOGY ENTREPRENEUR**  
CERTIFICATE OF PROFICIENCY

The Consumer Technology Entrepreneurship program prepares students to start a home computer and home entertainment support business. The focus is on developing core electronic systems skills and key business start-up and management skills.

**CORE COURSES**

**FALL SPRING**

Entrepreneurship 1 (Introduction to Entrepreneurship).....	3
ESYS 50 (Introduction to Electronic Systems Technology) .....	2
ESYS 51 (Fabrication Techniques for Electronic Systems Technology) .....	2
Entrepreneurship 20 (Marketing for Entrepreneurs).....	2
ESYS 63A (IT Essentials: PC Hardware and Software I) or CNT 83A (IT Essentials: PC Hardware and Software I).....	2
ESYS 63B (IT Essentials: PC Hardware and Software II) or CNT 83B (IT Essentials: PC Hardware and Software II) .....	2
ESYS 62 (Home Technology Systems) .....	2
Business 50F (Developing a Business Plan) .....	1
<b>Total.....</b>	<b>16</b>

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.

(REVISED CERTIFICATE)

## ENTREPRENEURSHIP CERTIFICATE OF PROFICIENCY

SOPHOMORE YEAR FALL SPRING

(CORRECT UNITS)

Entrepreneurship 40 (Business Incubation and Launch) . . . . . 3  
**Total** . . . . . 16-17

(NEW CERTIFICATE)

## PERSONAL FITNESS TRAINING ENTREPRENEUR CERTIFICATE OF PROFICIENCY

The Personal Fitness Training Entrepreneurship program prepares students to start a small personal fitness training business. The focus is on developing core training skills and key business start-up skills.

CORE COURSES FALL SPRING

Kinesiology 2 (Introduction to Athletic Training) . . . 4  
PEAC WE11 (Introduction to Weight Training) . . . 1-2½  
Entrepreneurship 1 (Introduction to Entrepreneurship) . . . . . 3  
Entrepreneurship 20 (Marketing for Entrepreneurs) . . . . . 2  
Business 50F (Developing a Business Plan) . . . . . 1  
Kinesiology 15 (Introduction to Personal Fitness Training) . . . . . 3  
**Total** . . . . . 14-15½

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.

## ENTREPRENEURSHIP (ENTR)

(REPEATABILITY REMOVED)

40 BUSINESS INCUBATION AND LAUNCH 3 UNITS

## ETHNIC STUDIES (ES)

### ETHNIC STUDIES ASSOCIATE IN ARTS DEGREE

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

(REMOVE)

Psychology Counseling 17 (Intercultural Studies) . . . 3

## FILM (FILM)

(REPEATABILITY REMOVED)

9 FILM PRODUCTION COLLOQUIA 1 UNIT

## FIRE TECHNOLOGY (FT)

### FIRE TECHNOLOGY ASSOCIATE IN ARTS OR ASSOCIATE IN SCIENCE DEGREE

FRESHMAN YEAR FALL SPRING

(COURSE TITLE CHANGE)

Health 61, First Responder . . . . . 2½

### FIRE TECHNOLOGY CERTIFICATE OF ACHIEVEMENT

FRESHMAN YEAR FALL SPRING

(COURSE TITLE CHANGE)

Health 61, First Responder . . . . . 2½

(REPEATABILITY REMOVED)

90A FIREFIGHTER-1 CERTIFICATION PREPARATION I (BASIC) 2 UNITS  
91A CAL FIRE WILDLAND FIREFIGHTER BASIC TRAINING 3 UNITS  
95 WORK EXPERIENCE 1-3 UNITS  
96 WORK EXPERIENCE SEMINAR 1 UNIT

## GENERAL STUDIES (GNST)

(REPEATABILITY REMOVED)

10 FACULTY ASSISTANT EXPERIENCE FOR POTENTIAL TEACHERS 1-2 UNITS  
116 GATEWAY TO SUCCESS PROGRAM-FACULTY-STUDENT TUTORIAL ½-3 UNITS

## GEOGRAPHY (GEOG)

### DEGREE:

**AA—GEOGRAPHY**

**AA-T—GEOGRAPHY**

### CERTIFICATE OF PROFICIENCY:

**GEOGRAPHIC INFORMATION SYSTEMS**

Chabot College offers an Associate in Arts for Transfer degree in Geography to introduce students to principles, theory, and applied methods of spatial analysis in studying both the natural and human environment. The degree provides students with a foundation in the knowledge and skills of the Geography profession and prepares them for upper division university course work. Recipients of the Associate in Arts for Transfer degree are guaranteed admission with junior standing at a campus of the California State University system. The program in Geography is designed to develop the student's awareness of human-environment relationships and changes in the physical and cultural landscape induced by human activities.

#### CAREER OPPORTUNITIES IN GEOGRAPHY

Geography is an integrative discipline that offers a knowledge base appropriate for many diverse academic and professional career paths, including secondary school, college, and university teaching and research, environmental conservation, land use planning, global change research, marketing, and applications of remote sensing and geographic information systems technology.

#### NEW DEGREE)

## GEOGRAPHY

ASSOCIATE IN ARTS FOR TRANSFER DEGREE

	UNITS
<b>REQUIRED CORE (7 units)</b>	
Geography 1 (Introduction to Physical Geography) . . . . .	3
Geography 1L (Introduction to Physical Geography Laboratory) 1	1
Geography 2 (Cultural Geography) . . . . .	3

#### LIST A (select 2 for 6 units)

Geography 5 (World Regional Geography) . . . . .	3
Geography 8 (Introduction to Weather and Climate) . . . . .	3
Geography 12 (Geography of California) . . . . .	3
Geography 20 (Introduction to Geographic Information Systems) . . . . .	3

#### LIST B (select 2 for 6 units)

Any courses not selected above (from List A), any CSU transferable Geography courses and/or other courses (in or outside the discipline) that are articulated as lower division major preparation for the Geography major at a CSU	
Anthropology 3 (Social and Cultural Anthropology) . . . . .	3
Geography 3 (Economic Geography) . . . . .	3
Geography 10 (Global Environmental Problems) . . . . .	3
Mathematics 43 (Introduction to Probability and Statistics) or Psychology 5 (Introductory Statistics for the Behavioral and Social Sciences) . . . . .	4
<b>Total</b> . . . . .	<b>19–20</b>

Required Major Courses: 19-20 units  
 CSU GE or IGETC (CSU) requirements: 37-39 units  
 (Possible Double-counting: 13 units)  
 CSU transfer Electives as needed to reach 60 CSU transferable units  
**TOTAL UNITS: 60 units**

All courses in the major or area of emphasis are required to have a grade of "C" or higher, and a cumulative GPA of 2.0 must be achieved.

## GEOGRAPHY (GEOG)

#### (REPEATABILITY REMOVED)

<b>95</b>	<b>GEOGRAPHY WORK EXPERIENCE</b>	<b>1–3 UNITS</b>
<b>96</b>	<b>GEOGRAPHY WORK EXPERIENCE SEMINAR</b>	<b>1 UNIT</b>

## HEALTH (HLTH)

#### (CORRECT TITLE, REVISED CATALOG DESCRIPTION)

<b>61</b>	<b>FIRST RESPONDER</b>	<b>2½ UNITS</b>
This course is designed to provide students with the basic knowledge and skills to manage many medical and trauma-related emergencies; includes cardiopulmonary resuscitation, and prevention of disease transmission. Students will learn through lecture and lab practice how their role as an Emergency medical responder aligns with the Emergency Medical Services community. Successful completion of the knowledge and skills tests qualifies for an Emergency Medical Responder Certificate and an American Heart Association "Basic Life Support Healthcare Provider" Certificate. 2 hours lecture, 2 hours laboratory. Transfer: CSU.		

#### (REPEATABILITY REMOVED)

<b>70A</b>	<b>HEARTSAVER CPR &amp; AED</b>	<b>½ UNIT</b>
<b>70B</b>	<b>HEALTHCARE PROVIDER CPR</b>	<b>0.2 UNIT</b>
<b>83</b>	<b>PATIENT STABILIZATION, EXTRICATION AND TRIAGE</b>	<b>½ UNIT</b>

## HUMANITIES (HUMN)

#### (DELETE)

<b>75</b>	<b>RELIGION IN CONTEMPORARY CULTURE</b>	<b>3 UNITS</b>
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## INDUSTRIAL TECHNOLOGY (INDT)

#### (REPEATABILITY REMOVED)

<b>94</b>	<b>OCCUPATIONAL WORK EXPERIENCE</b>	<b>3–4 UNITS</b>
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## INTERIOR DESIGN (INTD)

(COURSE SEQUENCING UPDATED)

### INTERIOR DESIGN ASSOCIATE IN SCIENCE DEGREE

FRESHMAN YEAR..... UNITS

Interior Design 50 (Residential Space Planning) . . . . .	3
Interior Design 54 (Principles of Interior Design) . . . . .	3
Interior Design 55 (Introduction to Textiles) . . . . .	3
Interior Design 52 (History of Interiors and Furnishings) . . . . .	3
Interior Design 62 (Kitchen and Bathroom Design) . . . . .	3
Interior Design 68 or Architecture 68 (CAD for Architecture and Interior Design) . . . . .	3

SOPHOMORE YEAR

Interior Design 58 (Fundamentals of Lighting) . . . . .	3
Interior Design 60 (Materials and Resources) . . . . .	3
Interior Design 72 (Commercial Interior Design) . . . . .	3
Interior Design 56 (Professional Practice) . . . . .	3
Interior Design 60 (Materials and Resources) . . . . .	3
Interior Design 66 (Special Needs Design) . . . . .	3
<b>Total</b> . . . . .	<b>33</b>

**GENERAL EDUCATION UNITS FOR A.S. DEGREE . . . . . 19**

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

General Education Courses (Areas A-E) . . . . .	16
Interior Design GE Requirement . . . . .	3
<i>Complete a minimum of 3 units from</i>	
Art 23 (2-D Foundations)	

**Total minimum units required . . . . . 60**

(REPEATABILITY REMOVED)

**68 CAD FOR ARCHITECTURE AND INTERIOR DESIGN 3 UNITS**

## JOURNALISM

The Mass Communications Studies: Journalism courses at Chabot College offer degree preparation with exciting hands-on media training for students interested in journalism or other mass communication career options. Our courses are not just for reporters, however! Courses such as Journalism News writing, Introduction to Mass Communication, Newspaper Production, Photojournalism and newspaper and magazine feature writing, prepare students to become strong researchers, information gatherers, vital communicators and advocates needed today in industries such as journalism, reporting, news production, advertising, media relations, public information and other forms of mass communications. These skills will also help people in numerous other careers that require public interaction, information gathering and research.

Chabot College students work with qualified instructors in hands-on learning environments that promote advanced development of research, writing, leadership, oral and written communication skills. Students also develop important technical skills in industry software and learn vital production processes while building social skills.

### CAREER OPPORTUNITIES IN JOURNALISM

Journalists, News reporters, Sports reporters, News editors, Copy editors, Designers, Multimedia reporters, Photojournalists, Public information officers, Public Relations practitioners, Advertising

(NEW DEGREE)

## JOURNALISM

ASSOCIATE IN ARTS FOR TRANSFER DEGREE

REQUIRED CORE (9 units) UNITS

Mass Communications 20 (Journalism Newswriting) . . . . .	3
Mass Communications 21 (Newspaper Production I) . . . . .	3
Mass Communications 41 (Introduction to Mass Communications) . . . . .	3

**LIST A (select any 3 units from the following)**

Mass Communications 22 (Newspaper Production II) . . . . .	3
Mass Communications 26 (Photojournalism I) . . . . .	3
Economics 1 (Principles of Microeconomics) . . . . .	3

**LIST B (select 2 for 6 units)**

Any course not selected above . . . . .	3
Communication Studies 50 (Introduction to Communication Studies) . . . . .	3
Communication Studies 46 (Race and Ethnic Relations) . . . . .	3
Economics 1 (Principles of Microeconomics) or Economics 2 (Principles of Macroeconomics) . . . . .	3
Mathematics 43 (Introduction to Probability and Statistics) . . . . .	4
Photography 50 (Introduction to Photography) . . . . .	3
Political Science 1 (Introduction to American Government) . . . . .	3
Political Science 20 (Comparative Politics) . . . . .	3

**Total . . . . . 18**

Required Major Courses: 18 units

CSU GE or IGETC (CSU) requirements: 37-39 units

(Possible Double-counting: 18 units)

CSU transfer Electives as needed to reach 60 CSU transferable units

**TOTAL UNITS: 60 units**

**All courses in the major or area of emphasis are required to have a grade of "C" or higher, and a cumulative GPA of 2.0 must be achieved.**

(REVISED DEGREE)

## JOURNALISM

ASSOCIATE IN ARTS

FRESHMAN YEAR UNITS

Mass Communications 41 (Introduction to Mass Communications) . . . . .	3
Mass Communications 20 (Journalism Newswriting) . . . . .	3
Mass Communications 21 (Newspaper Production I) . . . . .	3
Mass Communications 22 (Newspaper Production II) . . . . .	3
Photography 50 (Introduction to Photography) . . . . .	3

SOPHOMORE YEAR

English 7 (Critical Thinking and Writing Across Disciplines) . . . . .	3
Mass Communications 23 (Newspaper Production III) . . . . .	3
Mass Communications 24 (Newspaper Production IV) . . . . .	3
Mass Communications 25 (Magazine and Newspaper Feature Writing) . . . . .	3
Mass Communications 26 (Beginning Photojournalism) . . . . .	3

**Total . . . . . 30**

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

**KINESIOLOGY**

**DEGREE:  
 AA—PHYSICAL EDUCATION  
 AA-T—KINESIOLOGY**

**CERTIFICATE OF ACHIEVEMENT:  
 AQUATICS  
 COACHING  
 FITNESS INSTRUCTOR  
 SPORTS INJURY CARE**

**CERTIFICATE OF PROFICIENCY:  
 AQUATICS  
 COACHING  
 FITNESS INSTRUCTOR  
 SPORTS INJURY CARE**

The Physical Education A.A. degree program is designed for students who want to transfer to a CSU or UC. It provides a rigorous curriculum that will ensure students have met the science and math requirements to enter the CSU and UC Physical Education/Kinesiology and Exercise Physiology Bachelor of Arts programs. The certificate programs help prepare students for physical education careers as well as community based programs.

(EDITED TO REFLECT CHANGES IN COURSE NAMES/NUMBERS)

**PHYSICAL EDUCATION**  
 ASSOCIATE IN ARTS DEGREE

FRESHMAN YEAR	FALL	SPRING
*Biology 31 (Introduction to College Biology) . . . . .		4
*A total of 1 unit of any ATHL, PEAC, ADPE class(es) (Physical Education Activity) . . . . .		1
KINE ASSE (Physical Fitness Assessments) or KINE 15 (Introduction to Personal Fitness Training) 3		
KINE 1 (Introduction to Kinesiology and Physical Education) . . . . .		3
Anatomy 1 (General Human Anatomy) . . . . .		4
KINE 2 (Introduction to Athletic Training) . . . . .		4
SOPHOMORE YEAR	FALL	SPRING
Chemistry 30A (Introductory and Applied Chemistry) . . . . .		4
Physiology 1 (Human Physiology) . . . . .		5

KINE 8 (Sport in Contemporary Society) or KINE 6 (Peak Performance Through Mental Training) . . . . .	3
<b>Total . . . . .</b>	<b>29–31</b>

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.

(NEW DEGREE)

**KINESIOLOGY**

ASSOCIATE IN ARTS FOR TRANSFER DEGREE

The Student Transfer Achievement Reform Act (Senate Bill 1440, now codified in California Education Code sections 66746-66749) guarantees admission to a California State University (CSU) campus for any community college student who completes an “associate degree for transfer”, a newly established variation of the associate degrees traditionally offered at a California community college. The Associate in Arts in Kinesiology for Transfer is intended for students who plan to complete a bachelor’s degree in Kinesiology at a CSU campus. Students completing this degree are guaranteed admission to the CSU system, but not to a particular campus or major. In order to earn one of these degrees, students must complete 60 required semester units of CSU-transferable coursework with a minimum GPA of 2.0. Students should consult with a counselor when planning to complete the degree for more information on university admission and transfer requirements.

UNITS

**REQUIRED CORE (16 units)**

Kinesiology 1 (Introduction to Kinesiology and Physical Education) . . . . .	3
Anatomy 1 (General Human Anatomy) . . . . .	5
Physiology 1 (Human Physiology) . . . . .	5

***Movement Based courses. Select a maximum of one (1) course from any three (3) of the following areas FOR A MAXIMUM OF 3 UNITS.***

***Individual PEAC courses MUST be taken for 1 unit in order to be used for this degree.***

***Aquatics (only 1 unit courses can be used)***

PEAC AQA1 (Aqua Aerobics) or PEAC SWM1 (Beginning Swimming) or PEAC LSF1 (Cardiovascular Fitness) or PEAC SMLP (Cardiovascular Conditioning) . . . . .	1
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***Dance (only 1 unit courses can be used)***

PEAC BAL1 (Introduction to Ballroom Dance) . . . . .	1
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**Fitness (only 1 unit courses can be used)**

- PEAC WOW1 (Women's Weight Training 1) or
- PEAC WEI1 (Introduction to Weight Training) or
- PEAC WLK1 (Walking for Fitness) or
- PEAC STP1 (Introduction to Cardio-Step) . . . . . 1

**Individual Sports (only 1 unit courses can be used)**

- PEAC ARH1 (Archery 1) or
- PEAC TEN1 (Introduction to Tennis) or
- PEAC TEN2 (Intermediate Tennis) or
- PEAC TEN3 (Advanced Tennis) or
- PEAC BAD1 (Introduction to Badminton) . . . . . 1

**Team Sports (only 1 unit courses can be used)**

- PEAC BSK1 (Introduction to Basketball) or
- PEAC FFL1 (Flag Football League) or
- PEAC SOC1 (Introduction to Soccer) . . . . . 1

**LIST A (select two courses)**

- Mathematics 43 (Introduction to Probability and Statistics) or
- Psychology 5 (Introductory Statistics for the Behavioral and Social Sciences) . . . . . 4
- Biology 31 (Introduction to College Biology) . . . . . 4
- Chemistry 30A (Introduction to Applied Chemistry I) or
- Chemistry 30B (Introduction to Applied Chemistry II) . . . . . 4
- Physics 2A (Introduction to Physics I) or
- Physics 4A (General Physics I) . . . . . 4-5
- Total . . . . . 24-25**

Required courses in the major: 24-25 units.  
 CSU GE or IGETC (CSU) requirements: 37-39 units  
 (Possible Double-counting: 12 units)  
 CSU transfer Electives as needed to reach 60 CSU transferable units.  
**TOTAL UNITS: 60 units**

**All courses in the major area of emphasis are required to have a grade of "C" or higher, and a cumulative GPA of 2.0 must be achieved.**

**(REVISED CERTIFICATE)**

**AQUATICS**  
 CERTIFICATE OF ACHIEVEMENT

REQUIRED CORE UNITS

- Kinesiology 1 (Introduction to Kinesiology and Physical Education) . . . . . 3
- Kinesiology 2 (Introduction to Athletic Training) . . . . . 4
- Kinesiology 6 (Performance Enhancement thru Mental Training) . . . . . 3
- Kinesiology 13 (American Red Cross Lifeguarding) . . . . . 2
- Kinesiology WSI (Water Safety Instructor) . . . . . 3
- Kinesiology 18 (Introduction to CPR and First Aid for Coaches) . . . . . 2

PHYSICAL EDUCATION COURSES

- PEAC SWM1 (Beginning Swimming) . . . . . ½-1
- Kinesiology PAD1 (Prevention of Type II Diabetes through Nutrition and Exercise) . . . . . ½
- Kinesiology 11 (Nutrition for Sports and Human Performance) . . . . . 3
- Total . . . . . 21-22½**

**(REVISED CERTIFICATE)**

**COACHING**  
 CERTIFICATE OF ACHIEVEMENT

REQUIRED COURSES UNITS

- Kinesiology 1 (Introduction to Kinesiology and Physical Education) . . . . . 3
- Kinesiology 2 (Introduction to Athletic Training) . . . . . 4
- Kinesiology 18 (Introduction to CPR and First Aid for Coaches) . . . . . 2
- Kinesiology 3 (Introduction to Principles of Coaching Interscholastic Sports: Beyond the Basics) or
- Kinesiology 6 (Performance Enhancement thru Mental Training) . . . . . 3
- Kinesiology 4 (Introduction to Sports Management) . . . . . 3
- Kinesiology CSA (College Success for Athletes) . . . . . 1
- Kinesiology 5 (Introduction to the Components of Physical Fitness—the Human Body) or
- Kinesiology 12BB (Introduction to Baseball Officiating) or
- Kinesiology 12BK (Introduction to Basketball Officiating) or
- Kinesiology 12FT (Introduction to Football Officiating) or
- Kinesiology 12TK (Introduction to Track & Field Officiating) or
- Kinesiology 3BB (Introduction to the Principles of Coaching Baseball) or
- Kinesiology 3FT (Introduction to Coaching Football) or
- Kinesiology 3SF (Introduction to Coaching Softball) or
- Kinesiology 3SO (Introduction to Coaching Soccer) or
- Kinesiology 3FT (Introduction to Coaching Track and Field) . . . . . 2-3

PHYSICAL EDUCATION COURSES

- Kinesiology PAD1 (Prevention of Type II Diabetes through Nutrition and Exercise) . . . . . ½
- Kinesiology 10 (Nutrition for Fitness and Fat Loss) or
- Kinesiology 11 (Nutrition for Sports and Human Performance) . . . . . 3
- PEAC WEI1 (Introduction to Weight Training) or
- PEAC WOW1 (Women's Weight Training) or
- PEAC FUN1 (Beginning Functional Training for Fat Loss) or
- PEAC PLF1 (Plyometrics and Agility Training for Women) or
- PEAC SPM1 (Speed, Plyometric and Agility Training for Men) . . . . . ½-2
- Total . . . . . 22-24½**

**(EDITED TO REFLECT CHANGES IN COURSE NAMES/NUMBERS)**

**FITNESS INSTRUCTOR**  
 CERTIFICATE OF ACHIEVEMENT

FALL SPRING

- KINE 1 (Introduction to Kinesiology and Physical Education) . . . . . 3
- KINE 8 (Sport in Contemporary Society) or
- KINE 6 (Peak Performance through Mental Training) or
- KINE 15 (Introduction to Personal Fitness Training) . . . . . 3
- Health 1 (Introduction to Health) or
- KINE 14 (Health and Fitness for Your Disability) . . . . . 3
- KINE 5 (Components of Physical Fitness—the Human Body) . . . . . 3
- A total of 2 units of any ATHL, PEAC, ADPE class(es) . . . . . 1
- PEAC HEAR (Basic Heart Rate Training) or
- KINE ASSE (Physical Fitness Assessments) . . . . . ½-1

Health 60 (Responding to Emergencies) or Health 70B (Healthcare Provider CPR) . . . . .	0.2-1
Nutrition 1 (The Science of Nutrition) . . . . .	3
Biology 50 (Anatomy and Physiology) . . . . .	4
KINE 2 (Introduction to Athletic Training) . . . . .	4
<b>Total</b> . . . . .	<b>25.7-27</b>

**(REVISED CERTIFICATE)**

**SPORTS INJURY CARE**  
CERTIFICATE OF ACHIEVEMENT

REQUIRED COURSES	UNITS
Biology 50 (Anatomy and Physiology) or Anatomy 1 (General Human Anatomy) . . . . .	4-5
Kinesiology 2 (Introduction to Athletic Training) . . . . .	4
Kinesiology 5 (Introduction to the Components of Physical Fitness-the Human Body) . . . . .	3
Kinesiology 18 (Introduction to CPR and First Aid for Coaches) or Health 1 (Introduction to Health) or Kinesiology 14 (Introduction to Health and Fitness for Your Disability) . . . . .	2-3
Kinesiology 11 (Nutrition for Sports and Human Performance) or Kinesiology 10 (Nutrition for Fitness and Fat Loss) . . . . .	3

PHYSICAL EDUCATION COURSES  
*(Select 4 units from the following)*

PEAC WEI1 (Introduction to Weight Training) . . . . .	½-2
PEAC HEAR (Basic Heart Rate Training: Fitness Training Utilizing a Heart Rate Monitor) . . . . .	½-2
PEAC WOW1 (Women's Weight Training) . . . . .	½-2
PEAC PLF1 (Plyometrics and Agility Training for Women) . . . . .	½-2
PEAC SPM1 (Speed, Plyometric and Agility Training for Men) . . . . .	½-2
<b>Total</b> . . . . .	<b>20-22</b>

**(EDITED TO REFLECT CHANGES IN COURSE NAMES/NUMBERS)**

**AQUATICS**  
CERTIFICATE OF PROFICIENCY

REQUIRED CORE	UNITS
KINE 2 (Introduction to Athletic Training) . . . . .	4
KINE 1 (Introduction to Kinesiology and Physical Education) or KINE 8 (Introduction to Sport in Contemporary Society) or KINE 6 (Performance Enhancement thru Mental Training) . . . . .	3
KINE 5 (Components of Physical Fitness-the Human Body) . . . . .	3
KINE 13 (American Red Cross Lifeguarding) . . . . .	2
KINE WSI (Water Safety Instructor) . . . . .	3
A total of 2 units of any ATHL, PEAC, ADPE class(es) . . . . .	2
Health 60 (Responding to Emergencies) or Health 70B (Healthcare Provider CPR) . . . . .	0.2-1
<b>Total</b> . . . . .	<b>172-22½</b>

**(EDITED TO REFLECT CHANGES IN COURSE NAMES/NUMBERS)**

**COACHING**  
CERTIFICATE OF PROFICIENCY

FALL SPRING

KINE 2 (Introduction to Athletic Training) . . . . .	4
KINE 1 (Introduction to Physical Education) or KINE 8 (Introduction to Sport in Contemporary Society) or KINE 6 (Performance Enhancement through Mental Training) . . . . .	3
KINE 3 (Introduction to Principles of Coaching Interscholastic Sports: Beyond the Basics) or KINE 5 (Introduction to the Components of Physical Fitness-the Human Body) or KINE 4 (Introduction to Sports Management) . . . . .	3
KINE 12BK (Introduction to Basketball Officiating) or Kine CSA (College Success for Athletes) . . . . .	1-2
KINE 3BB (Introduction to the Principles of Coaching Baseball) . . . . .	2
A total of 2 units of any ATHL, PEAC, ADPE class(es) . . . . .	2
Health 60 (Responding to Emergencies) or Health 70B (Healthcare Provider CPR) . . . . .	0.2-1
<b>Total</b> . . . . .	<b>15.2-17</b>

**(EDITED TO REFLECT CHANGES IN COURSE NAMES/NUMBERS)**

**FITNESS INSTRUCTOR**  
CERTIFICATE OF PROFICIENCY

FALL SPRING

KINE 1 (Introduction to Kinesiology and Physical Education) or KINE 8 (Introduction to Sport in Contemporary Society) or KINE 6 (Performance Enhancement through Mental Training) or KINE 15 (Introduction to Personal Fitness Training) . . . . .	3
Health 1 (Introduction to Health) or KINE 14 (Introduction to Health and Fitness for Your Disability) . . . . .	3
KINE 5 (Introduction to Components of Physical Fitness-the Human Body) . . . . .	3
A total of 2 units of any ATHL, PEAC, ADPE class(es) . . . . .	1
Health 60 (Responding to Emergencies) or Health 70B (Healthcare Provider CPR) . . . . .	0.2-1
Nutrition 1 (The Science of Nutrition) . . . . .	3
<b>Total</b> . . . . .	<b>14.2-15</b>

**(EDITED TO REFLECT CHANGES IN COURSE NAMES/NUMBERS)**

**SPORTS INJURY CARE**  
CERTIFICATE OF PROFICIENCY

FALL SPRING

Biology 50 (Anatomy and Physiology) or Physiology 1 (Human Physiology) . . . . .	4-5
KINE 2 (Introduction to Athletic Training) . . . . .	4
KINE 5 (Introduction to Components of Physical Fitness-the Human Body) . . . . .	3
Health 70B (Health 70B (Healthcare Provider CPR) . . . . .	0.2

Health 1 (Introduction to Health) or KINE 14 (Introduction to Health and Fitness for Your Disability) . . . . .	3
A total of 2 units of any ATHL, PEAC, ADPE class(es) . . . . .	2
<b>Total</b> . . . . .	<b>16.2–17.2</b>

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

**(NEW DISCIPLINE; ALL COURSES LISTED BELOW ARE NEW)**

## **ADAPTED PHYSICAL EDUCATION (ADPE)**

**1DSS ADAPTED STRETCH/STRENGTH TRAINING 1/2–2 UNITS**  
Designed to give students with disabilities a chance to gain strength and mobility through a series of stretching and resistance exercises in an atmosphere of friendly encouragement. Prerequisite: students must have their personal physician's clearance for the class and must be registered with Disabled Student Services. 2-6 hours laboratory. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**ADAA ADAPTED AEROBICS 1/2–2 UNITS**  
Designed for students with a disability to develop cardiovascular efficiency through a variety of exercises. Fitness assessment testing and re-testing will be done to establish appropriate training volumes and intensities. 2-6 hours laboratory. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**ADBK ADAPTED BASKETBALL 1/2–2 UNITS**  
This course is designed to allowed disabled students the opportunity to learn and play the game of basketball. 2-6 hours laboratory. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**ADSF ADAPTED STRETCH AND FLEXIBILITY 1/2–2 UNITS**  
This course is designed to give students with disabilities a chance to gain strength and mobility through a series of stretching and resistance exercise in an atmosphere of friendly encouragement. Long range goals are: increased mobility, increased strength and confidence in themselves so they can face their daily tasks with increased confidence. In some cases (strokes, accident rehabilitation) it may mean a return to almost normal lifestyles for some. Students will learn about training and prevention of metabolic syndrome through diet and exercise in this course. Prerequisite: Students must have their personal physician's clearance for the class and must be registered with Disabled Student Services. 2-6 hours laboratory. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**ADST ADAPTED STRENGTH TRAINING 1/2–2 UNITS**  
Designed to provide reasonable accommodations in resistance training, to students with disabilities. Exercises emphasize muscular strength, muscular endurance, and flexibility. Additional topics will include: safety considerations, resistance training principles, and the role of exercise in overall wellness. Prerequisite: Student must have their personal physician's approval to take this course and must be registered with the DSRC. 2-6 hours laboratory. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**ADSW ADAPTED SWIMMING 1/2–2 UNITS**  
This course is designed to provide reasonable accommodations in swimming, to students with disabilities. Students will utilize adapted/

fundamental swimming skills for the purpose of improving aerobic conditioning. Additional topics will include aquatic safety methods, conditioning principles, and use of aquatic equipment. Students will learn about training and prevention of metabolic syndrome through diet and exercise in this course. Prerequisite: Medical release form must be completed by a physician. Register with DSS counselor. Students must demonstrate the ability to swim 25 yards (1 lap) of freestyle with rhythmic breathing in any depth of water. 2-6 hours laboratory. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**ADTK ADAPTED TRACK AND FIELD 1/2–2 UNITS**  
Designed to provide the adaptive student an opportunity to learn and enjoy the sport of track and field. 2-6 hours laboratory. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**ASD1 ADAPTED SELF DEFENSE 1/2–2 UNITS**  
Designed to teach the adaptive student the basics of self defense. Exercises promoting balance, flexibility, muscular strength and endurance, aerobic conditioning, and coordination will be performed. Additional topics will include safety considerations, training principles and the importance of regular exercise for overall wellness. 2-6 hours laboratory. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**(NEW DISCIPLINE; ALL COURSES LISTED BELOW ARE NEW)**

## **ATHLETICS (ATHL)**

**BB13 MEN'S INTERCOLLEGIATE BASEBALL 2 UNITS**  
*(May be repeated 3 times)*

Course will include, but not be limited to, baseball specific fundamentals and skills, techniques and sport specific conditioning/training. Students who desire to participate in intercollegiate athletics will be required to adhere to academic eligibility requirements listed in the CCCAA/COA manual, pass a physical examination by a licensed medical doctor and demonstrate an ability to safely participate in the specific intercollegiate sport. Compliance with all rules/regulations governing the specific intercollegiate sport will also be required. Strongly Recommended: Students MUST possess, demonstrate and successfully execute advanced sport-specific skills (Baseball) and techniques as evaluated by the instructor (Head Coach). 10 hours laboratory. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**BBPS PRE-SEASON INTERCOLLEGIATE TRAINING FOR BASEBALL 1-2 UNITS**  
*(May be repeated 3 times)*

This is a course for pre-season Intercollegiate Baseball. The student will have the opportunity to a develop through a training program designed for baseball at the intercollegiate level. An extensive baseball background and previous experience is needed for success in this class. Strongly Recommended: High level of baseball skills combined with an extensive baseball background. The instructor will evaluate the student's skill level. 3-10 hours laboratory. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**BKMP PRE-SEASON INTERCOLLEGIATE TRAINING FOR MEN'S BASKETBALL 1/2–2 UNITS**  
*(May be repeated 3 times)*

This course is designed for students to increase their off-season physical conditioning, skill/technique level, and knowledge in Men's intercollegiate basketball. Strongly Recommended: Previous high level of competitive basketball experience and skill level. Approval of the instructor. 2-6 hours laboratory. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**BKWP PRE-SEASON INTERCOLLEGIATE TRAINING  
FOR WOMEN'S BASKETBALL 1/2-2 UNITS**

*(May be repeated 3 times)*

This course is designed for students to increase their off-season physical conditioning, skill/technique level, and knowledge in women's intercollegiate basketball. Strongly Recommended: High level of basketball skills combined with previous competitive competition. 2-10 hours laboratory. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**DFTP PRE-SEASON INTERCOLLEGIATE TRAINING  
FOR DEFENSIVE FOOTBALL 1-2 UNITS**

*(May be repeated 3 times)*

This course is for pre-season intercollegiate defensive football conditioning. The student will have the opportunity to analyze defensive techniques, develop training programs, and acquire a thorough working knowledge of the defensive side of the sport of football. Strongly Recommended: Student needs to have a high level of skills in football and prior playing experience. The instructor will evaluate if this is the appropriate class. 10 hours laboratory. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**FT1 INTERCOLLEGIATE FOOTBALL 2 UNITS**

*(May be repeated 3 times)*

Training for intercollegiate competition. Students who desire to participate in intercollegiate athletics will be required to adhere to academic eligibility requirements listed in the CCCAA/COA manual, pass a physical examination by a licensed medical doctor and demonstrate an ability to safely participate in the specific intercollegiate sport. Compliance with all rules/regulations governing the specific intercollegiate sport will also be required. Additional requirements may be set forth by the Head Football Coach. Advisory: Student athlete must have prior high school experience and have talked with the head coach before enrolling in this course. 10 hours laboratory. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**MB11 MEN'S INTERCOLLEGIATE BASKETBALL 1 UNIT**

*(May be repeated 3 times)*

Training for intercollegiate competition. Students who desire to participate in intercollegiate athletics will be required to adhere to academic eligibility requirements listed in the CCCAA/COA manual, pass a physical examination by a licensed medical doctor and demonstrate an ability to safely participate in the specific intercollegiate sport. Compliance with all rules/regulations governing the specific intercollegiate sport will also be required. Daily practice. 10 hours laboratory. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**MCC7 MEN'S INTERCOLLEGIATE CROSS COUNTRY 2 UNITS**

*(May be repeated 3 times)*

Training for intercollegiate competition. Students who desire to participate in intercollegiate athletics will be required to adhere to academic eligibility requirements listed in the CCCAA/COA manual, pass a physical examination by a licensed medical doctor and demonstrate an ability to safely participate in the specific intercollegiate sport. Compliance with all rules/regulations governing the specific intercollegiate sport will also be required. Daily practice. 10 hours. Transfer: CSU; UC; CSU/GE: E; CSU/GE: E; AA/AS.

**MG21 MEN'S INTERCOLLEGIATE GOLF 2 UNITS**

*(May be repeated 3 times)*

Training for intercollegiate competition. Students who desire to participate in intercollegiate athletics will be required to adhere to academic eligibility requirements listed in the CCCAA/COA manual,

pass a physical examination by a licensed medical doctor and demonstrate an ability to safely participate in the specific intercollegiate sport. Compliance with all rules/regulations governing the specific intercollegiate sport will also be required. Daily practice. 10 hours. Transfer: CSU; UC; CSU/GE: E; CSU/GE: E; AA/AS.

**MT19 MEN'S INTERCOLLEGIATE TENNIS 2 UNITS**

*(May be repeated 3 times)*

Students who desire to participate in intercollegiate athletics will be required to adhere to academic eligibility requirements listed in the CCCAA/COA manual, pass a physical examination by a licensed medical doctor and demonstrate an ability to safely participate in the specific intercollegiate sport. Compliance with all rules/regulations governing the specific intercollegiate sport will also be required. Additional requirements may be set forth by the Instructor of Record for each intercollegiate course. Training for intercollegiate competition. 10 hours laboratory. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**PRSW PRE-SEASON TRAINING FOR MEN'S AND  
WOMEN'S INTERCOLLEGIATE SWIMMING 1/2-2 UNITS**

*(May be repeated 3 times)*

Pre-season training for men's and women's intercollegiate swimming. All athletes that plan to swim for the Chabot Intercollegiate Team in the Spring should be enrolled in this course. Strongly Recommended: Advanced swim skills and prior competitive experience in swimming. 2-10 hours laboratory. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**PRVB PRE-SEASON TRAINING FOR WOMEN'S  
INTERCOLLEGIATE VOLLEYBALL 1/2-2 UNITS**

*(May be repeated 3 times)*

Pre-season for women's intercollegiate volleyball. 2-10 hours laboratory. Transfer: CSU; UC; AA/AS.

**PRWR PRE-SEASON TRAINING FOR COMPETITIVE  
WRESTLING 1/2-2 UNITS**

*(May be repeated 3 times)*

Pre-season training and conditioning for men and women who plan to wrestle on the Chabot Intercollegiate Team. Strongly Recommended: Previous high school wrestling experience. 2-10 hours laboratory. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**PSGF PRE-SEASON TRAINING FOR COMPETITIVE  
GOLF 1/2-2 UNITS**

*(May be repeated 3 times)*

Pre-season training for athletes intending to participate in Intercollegiate Golf in the Spring. Strongly Recommended: Advanced competitive golf skills are required. 2-10 hours laboratory. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**SB12 WOMEN'S INTERCOLLEGIATE SOFTBALL 2 UNITS**

*(May be repeated 3 times)*

Training for intercollegiate competition. Students who desire to participate in intercollegiate athletics will be required to adhere to academic eligibility requirements listed in the CCCAA manual, pass a physical examination by a licensed medical doctor and demonstrate an ability to safely participate in the specific intercollegiate sport. Compliance with all rules/regulations governing the specific intercollegiate sport will also be required. Daily practice. 10 hours laboratory. Transfer: CSU; UC; AA/AS.

**SCMP MEN'S PRE-SEASON SOCCER SPORTS CONDITIONING 1/2-2 UNITS**

*(May be repeated 3 times)*

This course is designed to give students in men's soccer an understanding of the conditioning and training needed for intercollegiate soccer competition. Strongly Recommended: High level of soccer skill and previous competitive experience. This course is NOT for beginners. 2-6 hours laboratory. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**SFTP PRE-SEASON INTERCOLLEGIATE TRAINING FOR SOFTBALL 1-2 UNITS**

*(May be repeated 3 times)*

This course is for pre-season intercollegiate Softball. The student will develop her softball skills through training programs designed for the intercollegiate level. An extensive softball background and previous experience is needed for success in this class. Strongly Recommended: Previous softball experience and background are required for success in this course. Instructor will evaluate each student's skill level to remain in this course. 5-10 hours laboratory. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**SM3 MEN'S INTERCOLLEGIATE SOCCER 2 UNITS**

*(May be repeated 3 times)*

Training for intercollegiate competition. Students who desire to participate in intercollegiate athletics will be required to adhere to academic eligibility requirements listed in the CCCAA/COA manual, pass a physical examination by a licensed medical doctor and demonstrate an ability to safely participate in the specific intercollegiate sport. Compliance with all rules/regulations governing the specific intercollegiate sport will also be required. Daily practice. 10 hours laboratory. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**SW2 INTERCOLLEGIATE WOMEN'S SOCCER 2 UNITS**

*(May be repeated 3 times)*

Training for women's intercollegiate soccer competition. Students who desire to participate in intercollegiate athletics will be required to adhere to academic eligibility requirements listed in the CCCAA/COA manual, pass a physical examination by a licensed medical doctor and demonstrate an ability to safely participate in the specific intercollegiate sport. Compliance with all rules/regulations governing the specific intercollegiate sport will also be required. Daily practice. 10 hours laboratory. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**TK16 WOMEN'S INTERCOLLEGIATE TRACK & FIELD 2 UNITS**

*(May be repeated 3 times)*

Students who desire to participate in intercollegiate athletics will be required to adhere to academic eligibility requirements listed in the CCCAA/COA manual, pass a physical examination by a licensed medical doctor and demonstrate an ability to safely participate in the specific intercollegiate sport. Compliance with all rules/regulations governing the specific intercollegiate sport will also be required. Additional requirements may be set forth by the Instructor of Record for each intercollegiate course. Training for intercollegiate competition. Daily practice. 10 hours laboratory. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**TK17 MEN'S INTERCOLLEGIATE TRACK & FIELD 2 UNITS**

*(May be repeated 3 times)*

Students who desire to participate in intercollegiate athletics will be required to adhere to academic eligibility requirements listed in the CCCAA/COA manual, pass a physical examination by a licensed medical doctor and demonstrate an ability to safely participate in the specific intercollegiate sport. Compliance with all rules/regulations governing the specific intercollegiate sport will also be required.

Additional requirements may be set forth by the Instructor of Record for each intercollegiate course. Training for intercollegiate competition. 10 hours laboratory. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**TNPS PRE-SEASON TENNIS CONDITIONING 1/2-2 UNITS**

*(May be repeated 3 times)*

This course is designed for intercollegiate players in men's and women's tennis. Strongly Recommended: A high level of ability to play competitive tennis. Prior background in competitive tennis is a must. 2-10 hours laboratory. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**TRKP PRE-SEASON TRACK AND FIELD TRAINING 1-2 UNITS**

*(May be repeated 3 times)*

This course is for pre-season intercollegiate track and field conditioning. The student will have the opportunity to analyze techniques, develop training programs, and acquire a thorough working knowledge of the rules and conditioning concerning their events. Strongly Recommended: Student must have the skills and ability to compete at the intercollegiate level in community college track and field. This skill level will be evaluated by the instructor. 5-10 hours laboratory. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**VB4 WOMEN'S INTERCOLLEGIATE VOLLEYBALL 2 UNITS**

*(May be repeated 3 times)*

Training for intercollegiate competition. Students who desire to participate in intercollegiate athletics will be required to adhere to academic eligibility requirements listed in the CCCAA/COA manual, pass a physical examination by a licensed medical doctor and demonstrate an ability to safely participate in the specific intercollegiate sport. Compliance with all rules/regulations governing the specific intercollegiate sport will also be required. Daily practice. 10 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**WB10 INTERCOLLEGIATE WOMEN'S BASKETBALL 2 UNITS**

*(May be repeated 3 times)*

Training for intercollegiate competition. Students who desire to participate in intercollegiate athletics will be required to adhere to academic eligibility requirements listed in the CCCAA/COA manual, pass a physical examination by a licensed medical doctor and demonstrate an ability to safely participate in the specific intercollegiate sport. Compliance with all rules/regulations governing the specific intercollegiate sport will also be required. Daily practice. 10 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**WCC6 WOMEN'S INTERCOLLEGIATE CROSS COUNTRY 2 UNITS**

*(May be repeated 3 times)*

Training for intercollegiate competition. Students who desire to participate in intercollegiate athletics will be required to adhere to academic eligibility requirements listed in the CCCAA/COA manual, pass a physical examination by a licensed medical doctor and demonstrate an ability to safely participate in the specific intercollegiate sport. Compliance with all rules/regulations governing the specific intercollegiate sport will also be required. Daily practice. 10 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**WR5 INTERCOLLEGIATE WRESTLING 2 UNITS**

*(May be repeated 3 times)*

Training for intercollegiate competition. Students who desire to participate in intercollegiate athletics will be required to adhere to academic eligibility requirements listed in the CCCAA/COA manual, pass a physical examination by a licensed medical doctor and demonstrate an ability to safely participate in the specific intercollegiate sport.

Compliance with all rules/regulations governing the specific intercollegiate sport will also be required. Daily practice. 10 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**WS14 WOMEN'S INTERCOLLEGIATE SWIMMING & DIVING 2 UNITS**

*(May be repeated 3 times)*

Training for intercollegiate competition. Students who desire to participate in intercollegiate athletics will be required to adhere to academic eligibility requirements listed in the CCCAA/COA manual, pass a physical examination by a licensed medical doctor and demonstrate an ability to safely participate in the specific intercollegiate sport. Compliance with all rules/regulations governing the specific intercollegiate sport will also be required. Additional requirements may be set forth by the Instructor of Record for each intercollegiate course. Daily practice. Prerequisite: Prior Competitive Experience. 10 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**WSCP WOMEN'S PRE-SEASON SOCCER SPORTS CONDITIONING 1/2-2 UNITS**

*(May be repeated 3 times)*

This course is designed to give students in women's soccer an understanding of the conditioning needed for more advanced soccer skills and competition. Strongly Recommended: High level of soccer skill and previous competitive experience. Strongly Recommended: High level of soccer skills and a high level of personal fitness is required as a prerequisite for this course. This class is NOT for beginners. 2-10 hours laboratory. Transfer: CSU; UC; AA/AS.

**WT18 WOMEN'S INTERCOLLEGIATE TENNIS 2 UNITS**

*(May be repeated 3 times)*

Training for intercollegiate competition. Students who desire to participate in intercollegiate athletics will be required to adhere to academic eligibility requirements listed in the CCCAA/COA manual, pass a physical examination by a licensed medical doctor and demonstrate an ability to safely participate in the specific intercollegiate sport. Compliance with all rules/regulations governing the specific intercollegiate sport will also be required. Additional requirements may be set forth by the Instructor of Record for each intercollegiate course. Daily practice. 10 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**WWP8 INTERCOLLEGIATE WOMEN'S WATER POLO 2 UNITS**

*(May be repeated 3 times)*

Training for women's intercollegiate water polo. Students who desire to participate in intercollegiate athletics will be required to adhere to academic eligibility requirements listed in the CCCAA/COA manual, pass a physical examination by a licensed medical doctor and demonstrate an ability to safely participate in the specific intercollegiate sport. 10 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**(NEW DISCIPLINE; ALL COURSES LISTED BELOW ARE NEW)**

## **KINESIOLOGY (KINE)**

**1 INTRODUCTION TO KINESIOLOGY AND PHYSICAL EDUCATION 3 UNITS**

This is an introductory course that surveys various subdisciplines related to the study of human movement. Students will examine the areas of history, sociology, biomechanics, physiology, and psychology, as they relate to the sport and exercise environment. (May not receive credit if PHED 20 has been completed.) 3 hours. Transfer: CSU; UC.

**2 INTRODUCTION TO ATHLETIC TRAINING 4 UNITS**

Introduces the student to basic taping skills, therapeutic modalities, and rehabilitation principles associated with the field of athletic training. Strong emphasis on injury prevention, recognition and management. Designed to be preparatory for a career in athletic training. (May not receive credit if PHED 17 has been completed.) 3 hours lecture, 3 hours laboratory. Transfer: CSU UC.

**3 INTRODUCTION TO PRINCIPLES OF COACHING INTERSCHOLASTIC SPORTS: BEYOND THE BASICS 4 units**

Coaching beyond the basics: ethics, physical training theories and management principles. Research into successful leadership principles, skills and philosophies. Coaching effectiveness and team building dynamics. Upon successful completion of the course, the student will be able to take the California and National High School Coaching certification examination. (May not receive credit if PHED 61 has been completed.) 3 hours. Transfer: CSU; UC.

**3BB INTRODUCTION TO PRINCIPLES OF COACHING BASEBALL 2 UNITS**

Theory, principles, training concepts and ethics of coaching with emphasis on the fundamentals and techniques of coaching the sport of baseball. 2 hours. (May not receive credit if PHED 27 has been completed.) Transfer: CSU; UC.

**3FT INTRODUCTION TO COACHING FOOTBALL 2 UNITS**

This course is designed to teach the basics of coaching football. Basic offensive and defensive drills and teamwork will be taught. Individual position skills and development will be introduced along with team training and structure. 2 hours. Transfer: CSU; UC.

**3SF INTRODUCTION TO COACHING SOFTBALL 2 UNITS**

Designed to teach the basics of coaching Softball. Individual skill development, along with team development and dynamics, will be thoroughly covered. 2 hours. Transfer: CSU; UC.

**3SO INTRODUCTION TO COACHING SOCCER 2 UNITS**

Designed to teach the basics of coaching Soccer. Individual skill development, along with team development and dynamics, will be thoroughly covered. 2 hours. Transfer: CSU; UC.

**3TK INTRODUCTION TO COACHING TRACK & FIELD 2 UNITS**

Designed to teach the basics of coaching track and field. Methods, drills and skill development of all the events in track will be covered. 2 hours. Transfer: CSU; UC.

**4 INTRODUCTION TO SPORTS MANAGEMENT 3 UNITS**

Introduction into the field of sports management. Career opportunities, human resource management, leadership, strategic planning, teamwork, ethics and values, marketing and advertising, finance, managing facilities, sports and the law, economics of sport and community impact. 3 hours. (May not receive credit if PHED 60 has been completed.) Transfer: CSU.

**5 INTRODUCTION TO THE COMPONENTS OF PHYSICAL FITNESS - THE HUMAN BODY 3 UNITS**

The impact of physical activity, nutrition and dietary principles upon the body. Basic exercise physiology, anatomy, kinesiology, exercise testing, body mechanics and body composition testing. 3 hours. (May



not receive credit if PHED 28 has been completed.) Transfer: CSU; UC.

**6 PERFORMANCE ENHANCEMENT THRU MENTAL TRAINING 3 UNITS**

The study and development of the concepts and theories associated with maximizing performance, from the perspective of sport as well as life, emphasizing the mental skills and strategies for stress control, visualization, goal setting and concentration. 3 hours. (May not receive credit if PHED 15 has been completed.) Transfer: CSU; UC; CSU/GE: E.

**7 INTRODUCTION TO 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 abilities 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. (May not receive credit if PHED 59 has been completed.) Transfer: CSU; UC..

**8 INTRODUCTION TO SPORT IN CONTEMPORARY SOCIETY 3 UNITS**

An introduction into the phenomenon of sport in society, including cultural stratification, race, gender, education, economics, politics and the mass media. 3 hours. (May not receive credit if PHED 8 has been completed.) Transfer: CSU; UC.

**10 NUTRITION FOR FITNESS AND FAT LOSS 3 UNITS**

Study the role that nutrition and activity play in developing fitness and lowering body fat. Major concepts of fitness and nutrition will be presented along with training utilizing a heart rate monitor. Students will learn to assess current fitness levels and design a personal fitness and nutritional plan. 3 hours. (May not receive credit if PHED 57 has been completed.) Transfer: CSU; UC; CSU/GE: E.

**11 NUTRITION FOR SPORT AND HUMAN PERFORMANCE 3 UNITS**

An investigation into the role nutrition plays in sports and human achievement. Determination of optimum hydration and nutrient intake in relation to activity. 3 hours. (May not receive credit if PHED 58 has been completed.) Transfer: CSU; UC; CSU/GE: E.

**12BB INTRODUCTION TO BASEBALL OFFICIATING 2 UNITS**

This course will introduce the student to the basic rules and mechanics of officiating baseball. Students will learn the rules and basics of becoming a baseball umpire. 1 hour lecture, 3 hours laboratory. Transfer: CSU; UC.

**12BK INTRODUCTION TO BASKETBALL OFFICIATING 2 UNITS**

Designed to teach the Fundamentals of Basketball Officiating, National Federation and NCAA Rules, Responsibilities, Court Mechanics and Concepts of Officiating with Two Person and Three Person Techniques. 1 hour lecture, 3 hours laboratory. Transfer: CSU; UC.

**12FT INTRODUCTION TO FOOTBALL OFFICIATING 2 UNITS**

This course is designed to teach the Fundamentals of Football Officiating, National Federation Rules, Responsibilities, On the Field Mechanics & Concepts of Officiating high school football. 1 hour lecture, 3 hours laboratory. Transfer: CSU; UC.

**12TK INTRODUCTION TO BASKETBALL OFFICIATING 2 UNITS**

This course will introduce the student to the basics of hosting and officiating a track and field competition. 1 hour lecture, 3 hours laboratory. Transfer: CSU; UC.

**13 AMERICAN RED CROSS LIFEGUARDING 2 UNITS**

Skills and knowledge needed to prevent and respond to aquatic emergencies. Upon successful completion of this course students will receive American Red Cross certification in Lifeguard Training, CPR for the Professional Rescuer, and First Aid. Prerequisite: PEAC SWM1 (completed with a grade of "C" or higher) Demonstrate the ability to swim continuously 100 yards freestyle, 100 yards breaststroke, 100 yards freestyle and swim 20 yards, surface dive to 9 feet, retrieve 10 lb. brick, swim back to start, place brick on the side of the pool, exit the pool in 100 seconds or less. 1 hour lecture, 3 hours laboratory. (May not receive credit if PHED 13 has been completed.) Transfer: CSU; UC.

**13R AMERICAN RED CROSS LIFEGUARD TRAINING REVIEW 1 1/2 UNITS**

To review the skills and knowledge needed by lifeguards to prevent and respond to aquatic emergencies. Upon successful completion of this course students will receive American Red Cross certification in Lifeguard Training, CPR for the Professional Rescuer, and First Aid. Prerequisite: KINE 13 (completed with a grade of "C" or higher). 1 hour lecture, 2 hours laboratory. (May not receive credit if PHED 13R has been completed.) Transfer: CSU; UC.

**14 INTRODUCTION TO HEALTH AND FITNESS FOR YOUR DISABILITY 3 UNITS**

Application of current health teachings to individuals and life. Physiological, psychological, and social perspectives of health. Emphasis on knowledge, attitudes and behaviors that will contribute to a healthy individual. 3 hours. Transfer: CSU; UC; CSU/GE: E.

**15 INTRODUCTION TO PERSONAL FITNESS FOR YOUR DISABILITY 3 UNITS**

Includes the areas of physical activity and health, fitness evaluation, exercise prescription, exercise for special populations, exercise 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 American Council on Exercise. (May not receive credit if PHED 62 has been completed.) 3 hours. Transfer: CSU.

**16 THEORY AND TECHNIQUES OF OFFENSIVE FOOTBALL 2 UNITS**

Analysis and examination of various approaches to offensive intercollegiate football. Includes all aspects of offensive football; punt return, point after touchdown and field goal kicking. (May not receive credit if PHED 25 has been completed.) 2 hours. Transfer: CSU; UC.

**17 THEORY AND TECHNIQUE OF DEFENSIVE FOOTBALL 2 UNITS**

Analysis and examination of various approaches to defensive intercollegiate football. Includes all aspects of defensive football; kick off, punt rush, punt return and P.A.T./FG rush. (May not receive credit if PHED 27 has been completed.) 2 hours. Transfer: CSU; UC.

**18 INTRODUCTION TO CPR AND FIRST AID FOR COACHES 2 UNITS**

Survey of non-emergency procedures and techniques used in the field including basic life support CPR and first aid designed to teach life-saving skills to be used in an athletic setting. 1 hour lecture, 3 hours laboratory. Transfer: CSU; UC.

**19 FIT FOR DUTY: HEALTH AND FITNESS FOR LAW ENFORCEMENT 2 UNITS**

Designed for individuals who intend to enter the law enforcement field. An introduction to fitness, stress, psychological health and wellness are examined as they relate to occupations within law enforcement. 1 hour lecture, 3 hours laboratory. Transfer: CSU; CSU/GE: E.

**20 INTRODUCTORY FIRE TECHNOLOGY FITNESS AND TRAINING 2 UNITS**

This introductory course is designed to prepare the Fire Technology student for the physical and academic rigors of FT 89 and the Chabot Fire Academy. Lectures and labs will cover ladder, hydrant and knots technique, physical training and health/wellness issues specific to the fire service. 1 hour lecture, 3 hours laboratory. Transfer: CSU.

**ASSE PHYSICAL FITNESS ASSESSMENTS 1 UNIT**

Students will learn how to perform Physical Fitness Assessments on body composition, flexibility, muscular strength and endurance. Upon assessing fitness status students will develop an exercise prescription to maintain or improve their physical fitness level. (May not receive credit if PHED 6 has been completed.) 1 hour. Transfer: CSU; UC.

**BBDT THEORY AND TECHNIQUE OF DEFENSIVE BASEBALL 2 UNITS**

Students will learn how to improve and perform advanced sport-specific and skill specific fundamentals, training and conditioning for intercollegiate competition. Training will include, but not be limited to, defensive baseball specific fundamentals and skills, techniques and sport specific conditioning/training; i.e., fielding, throwing, infield and outfield play, pitching, catching. This is a course for pre-season Intercollegiate Baseball. The student will have the opportunity to develop through a training program designed for baseball at the intercollegiate level. An extensive baseball background and previous experience is needed for success in this class. Prerequisite: High level of baseball skills combined with an extensive baseball background. The instructor will evaluate the student's skill level. 2 hours. Transfer: CSU; UC.

**BBOT THEORY AND TECHNIQUE OF OFFENSIVE BASEBALL 2 UNITS**

Designed to teach advanced fundamentals of hitting and the offensive side of baseball. Training will include, but not be limited to, offensive baseball specific fundamentals and skills, techniques and sport specific conditioning/training; i.e., hitting, base running and the short game. Prerequisite: High level of baseball skills combined with an extensive baseball background. The instructor will evaluate the student's skill level. 2 hours. Transfer: CSU; UC.

**CSA COLLEGE SUCCESS FOR ATHLETES 1 UNIT**

Aiding the student-athlete in developing realistic expectations of college, explore academic programs, and understand what is necessary to succeed in college while competing in an intercollegiate sport. Rules and regulations of the Commission on Athletics (COA), National Collegiate Athletic Association (NCAA), and the National Association of Intercollegiate Athletics (NAIA) will be defined. Eligibility and

transferring to a four-year institution will be explored. 1 hour lecture. Transfer: CSU.

**PAD1 PREVENTION OF TYPE II DIABETES THROUGH NUTRITION AND EXERCISE 1/2 UNIT**

This course is designed to cover basic concepts for prevention of Type II diabetes through proper nutrition and exercise. 1/2 hour. Transfer: CSU; UC.

**PDBB PRINCIPLES OF DEFENSIVE BASEBALL 2 UNITS**

Defensive theory and principles as related to baseball. This course will include defensive baseball fundamentals, techniques and sport specific conditioning/training; i.e., fielding, throwing, infield and outfield play, pitching, catching. Strongly Recommended: High level of baseball skills combined with an extensive baseball background. This class is not for the beginning baseball player. 2 hours. Transfer: CSU; UC.

**POBB PRINCIPLES OF OFFENSIVE BASEBALL 2 UNITS**

Designed to present theory and principles of offensive baseball. When to play long ball, when to play the short game are just a few of the concepts to be covered. Instruction will include, but not be limited to, offensive baseball specific fundamentals and skills, techniques and sport specific conditioning/training; i.e., hitting, base running and the short game. Strongly Recommended: High level of baseball skills combined with an extensive baseball background. The instructor will evaluate the student's skill level. 2 hours. Transfer: CSU.

**WSI PHYSICAL FITNESS ASSESSMENTS 1 1/2 UNITS**

To train swimming instructor candidates to teach American Red Cross Swimming and Water Safety courses. Provides Water Safety certification. Prerequisite: Seventeen years of age. Must pass a swim test at the first class meeting. (May not receive credit if PHED 14 has been completed.) 2 hours lecture, 3 hours laboratory. Transfer: CSU; UC.

(NEW DISCIPLINE; ALL COURSES LISTED BELOW ARE NEW)

## PHYSICAL EDUCATION ACTIVITY (PEAC)

**ABBS ADVANCED BASEBALL SKILLS 1/2-2 UNITS**

This is an advanced sport specific course for students to increase their individual skills in the sport of baseball. This course is not for beginning baseball enthusiasts. Prerequisite: Students must possess advanced baseball skills. Students should be enrolled in ATHBB13. 2-6 hours laboratory. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**AKD1 AIKIDO 1 1/2-2 UNITS**

Designed to teach the beginning concepts and philosophy in the art of Aikido. 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**AQA1 AQUA AEROBICS 1/2-2 UNITS**

A conditioning workout that emphasizes cardiovascular endurance activities in the pool. After sufficient warm-up, water exercises that develop increased aerobic efficiency will be performed by students. Student need not be a swimmer to participate in this class. Students will learn about training and prevention of metabolic syndrome through diet and exercise in this course. 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**AQDW AQUA AEROBICS—DEEP WATER 2** 1/2–2 UNITS

A conditioning workout that emphasizes cardiovascular endurance activities in the deep end of the pool. After sufficient warm-up, water exercises that develop increased aerobic efficiency will be performed by students. Students must be able to tread water to participate in this class. 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**ARH1 ARCHERY 1** 1/2–2 UNITS

This beginning course in archery has an emphasis on safety, knowledge, and basic skill development in a variety of beginning archery activities. 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**BAB1 BAY AREA BIKING** 1/2–2 UNITS

This course is designed to teach the basics of safe and healthy biking. 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**BAD1 INTRODUCTION TO BADMINTON** 1/2–2 UNITS

Basic fundamental badminton techniques and strategies will be covered. 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**BAD2 INTERMEDIATE BADMINTON** 1/2–2 UNITS

This course is for students who have played Badminton before. Students should already know how to rally, and have knowledge of the rules. This course is not for beginners. Prerequisite: PEAC BAD1. 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**BAD3 ADVANCED BADMINTON** 1/2–2 UNITS

Theory and practice of advanced badminton that includes advanced techniques and tactics. This will include drills, practice, and tournament play. Fitness drills and conditioning will be incorporated into the class. Prerequisite: PEAC BAD2 (completed with a grade of "C" or higher). 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**BAD4 TOURNAMENT BADMINTON** 1/2–2 UNITS

Designed for students who wish to compete in badminton tournaments. The theory and practice of advanced badminton will be covered. This will include drills, practice, fitness conditioning, and tournament play. Prerequisite: PEAC BAD3. 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**BAL1 INTRODUCTION TO BALLROOM DANCE** 1/2–2 UNITS

Course will focus on the basic techniques, terminology and principles of ballroom and social dance. 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**BBSD BASEBALL SPECIFIC SKILL DEVELOPMENT** 1/2–2 UNITS

This course is designed to increase individual skills in the sport of Baseball. An extensive baseball background and previous experience is needed for success in this class. 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**BLT1 INTRODUCTION TO BALLET** 1/2–2 UNITS

Designed to introduce the student to basic exercises, positions, and movement in ballet dance. 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**BSK1 INTRODUCTION TO BASKETBALL** 1/2–2 UNITS

Designed to teach to the basic skills and mechanics needed to successfully play the game of basketball. 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**BSK2 INTERMEDIATE BASKETBALL** 1/2–2 UNITS

Designed to teach to the intermediate skills of basketball. 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**BT1 BEGINNING BOOT CAMP** 1/2–2 UNITS

A full body conditioning class that will utilize equipment and facilities available to the general public to create an intense workout. Training in all five of the areas of fitness will be developed. Students will learn about training and prevention of metabolic syndrome through diet and exercise. 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**CYC1 INTRODUCTION TO SPIN CYCLING** 1/2–2 UNITS

This course uses group stationary cycling training to develop cardiovascular fitness. Students will also utilize various strength and flexibility modalities, mental imagery, visualization, nutrition concepts, as well as assessments of their cardiovascular fitness training level through heart rate monitoring and resting heart rate values. Students will learn about training and prevention of metabolic syndrome through diet and exercise. 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**CYC2 INTERMEDIATE INDOOR SPIN CYCLING** 1/2–2 UNITS

An intermediate group spin class to develop cardiovascular fitness. Students will also utilize various strength and flexibility activities, visualization, nutrition concepts, as well as assessments of their cardiovascular fitness training level through heart rate monitoring. 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**DWA1 AQUA AEROBICS—DEEP WATER 1** 1/2–2 UNITS

This course is designed for students who would like to achieve higher fitness levels utilizing deep water aerobics. 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**FFL1 FLAG FOOTBALL LEAGUE** 1/2–2 UNITS

This course is designed to teach organized flag football. Basic play design and defensive schemes will be taught in a league structure. 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**FFT1 INTERMEDIATE FIRE FITNESS TRAINING** 1/2–2 UNITS

Designed to raise the fitness level of future firefighters Prerequisite: KINE 20. 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**FFT3 TACTICAL FITNESS FOR FIRE FIGHTERS** 1/2–2 UNITS

Designed to enhance the fitness level of advanced fire fighters. Prerequisite: PEAC FFT2 (completed with a grade of "C" or higher) 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**FIT1 FITNESS FOR EVERYONE** 1/2–2 UNITS

Designed to provide the students whose schedules do not allow enrollment in the traditional class settings. Students may participate in these areas following a required orientation in each desired area of participation: Fitness, Weight Training and Aquatics. 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**FLW1 PHYSICAL FITNESS FOR LAW ENFORCEMENT**

**1/2–2 UNITS**

This course is designed to prepare the administration of justice student for pre-employment physical ability testing, physical aspects of the Police Academy, and the maintenance of fitness and wellness as an incumbent. Course sessions will address aerobic and strength training, muscular endurance, nutrition and weight management, agility, coordination, balance and flexibility. An emphasis will be placed on injury prevention and back care. Prerequisite: KINE 19. 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**FLW2 INTERMEDIATE FITNESS FOR LAW ENFORCEMENT**

**1/2–2 UNITS**

Designed to develop specific fitness levels for law enforcement professionals Prerequisite: PEAC FLW1 (completed with a grade of "C" or higher). 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**FLW3 ADVANCED FITNESS FOR LAW ENFORCEMENT**

**1/2–2 UNITS**

Designed to teach advanced levels of fitness specific to law enforcement. Prerequisite: PEAC FLW2 (completed with a grade of "C" or higher). 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**FLYF INTRODUCTION TO FLY FISHING**

**1/2–2 UNITS**

This course is designed to teach the beginner the basics in fly casting and fishing. 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**FTS1 FUTSAL—INDOOR SOCCER**

**1/2–2 UNITS**

Indoor Futsal Soccer is a fast paced form of indoor soccer that places a large emphasis on technical skill and ability in situations of high pressure, and is subsequently an excellent training ground for developing foot skills that can be translated into the 11-a-side format of the game. 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**FUN1 BEGINNING FUNCTIONAL TRAINING FOR FAT LOSS**

**1/2–2 UNITS**

This beginning course will develop strength and fat loss through a functional strength training program. Course is moderate to hard in intensity. Students will learn about training and prevention of metabolic syndrome through diet and exercise. Strongly Recommended: Personal physician's approval to exercise vigorously. 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**FUN2 INTERMEDIATE FUNCTIONAL TRAINING FOR FAT LOSS**

**1/2–2 UNITS**

Designed to challenge students who have successfully completed Beginning Functional Training. Course is very hard in intensity. Prerequisite: PEAC FUN1. 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**FUN3 ADVANCED FUNCTIONAL TRAINING FOR FAT LOSS**

**1/2–2 UNITS**

Designed to challenge students who have successfully completed Intermediate Functional Training or FUN 2. Course is very hard in intensity. Prerequisite: PEAC FUN2 (completed with a grade of "P" or higher). 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**GFTE GET FIT WITH TECHNOLOGY**

**1/2–2 UNITS**

Designed to develop fitness and well-being in a flexible manner utilizing technology as a guide in the process. Students will utilize global

positioning technology along with online learning to develop and implement a solid personal cardiovascular fitness and wellness program. Strong computer skills and the access to a handheld global positioning device are required. 2-6 hours. Transfer: CSU; CSU/GE: E; AA/AS.

**GTB1 BEGINNING TOURNAMENT GOLF**

**1/2–2 UNITS**

Designed to give instruction and practice in the fundamental skills of golf. Skills, rules, etiquette, safety and golf course layouts will be covered. 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**HEAR BASIC HEART RATE TRAINING: FITNESS TRAINING UTILIZING A HEART RATE MONITOR**

**1/2–2 UNITS**

Improvement of cardiovascular fitness through the use of a heart rate monitor. Use of a heart rate monitor, target heart rate training zones and adult type II diabetes prevention will be covered. 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**HIP1 INTRODUCTION TO HIP-HOP DANCE**

**1/2–2 UNITS**

A dance class designed to teach students the fundamental dance steps and techniques of Beginning Hip-hop dance. 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**HIP2 ADVANCED BEGINNING HIP-HOP DANCE**

**1/2–2 UNITS**

Advanced beginning Hip-hop Dance choreography, alignment, floor patterns, with group interactions and projects. Prerequisite: PEAC HIP1 (completed with a grade of "C" or higher) 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**HIP3 INTERMEDIATE HIP-HOP DANCE**

**1/2–2 UNITS**

Intermediate Hip-hop Dance techniques, steps, routines and group presentations. Prerequisite: PEAC HIP2 (completed with a grade of "C" or higher) 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**HIP4 ADVANCED HIP-HOP DANCE**

**1/2–2 UNITS**

Advanced hip-hop dance techniques, patterns which include floor breaking, rhythmic and direction changes. Choreography and improvisational group projects/presentations which include exploring rhythmic structures of hip-hop dance. Dance Performance will be emphasized. Prerequisite: PEAC HIP2 (completed with a grade of "C" or higher) 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**HTA1 HIPS, THIGHS AND ABS WORKOUT**

**1/2–2 UNITS**

This course is designed to reduce, tone and strengthen the abdominal areas and the buttocks and thigh region through exercises. Proper techniques for a variety of exercises for specific muscle groups will be presented. 2-6 hours Transfer: CSU; UC; CSU/GE: E; AA/AS..

**HTA2 INTERMEDIATE HIPS, THIGHS AND ABS**

**1/2–2 UNITS**

Strenuous exercises to tone, strengthen and reduce the abdominal, buttocks and thigh regions. 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**HTA3 ADVANCED HIPS, THIGHS AND ABS WORKOUT**

**1/2–2 UNITS**

This an advanced course designed to strengthen, reduce and tone the "core" region of the body through various exercises and techniques. The core region includes: hips, thighs and buttocks; abdominals and obliques; and lower back. A variety of strength and flexibility exercises

for these specific muscle body groups will be presented. Prerequisite: PEAC HTA2 (completed with a grade of "C" or higher). 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**INSC SOCCER/FUTSOL** **1/2-2 UNITS**

Emphasizes the fundamental skills and strategies of futsal. Offensive and defensive positions and basic team strategies will be addressed. No previous futsal experience is necessary. 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**JD1 INTRODUCTION TO JAZZ DANCE** **1/2-2 UNITS**

Introduction to Beginning Jazz Dance terminology, techniques, characteristics and dance routines. 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**JD2 ADVANCED BEGINNING JAZZ DANCE** **1/2-2 UNITS**

Advanced Beginning Jazz Dance techniques, terminology, routines, choreography and improvisation. Prerequisite: PEAC JD1 (completed with a grade of "C" or higher). 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**JD3 ADVANCED JAZZ DANCE** **1/2-2 UNITS**

Intermediate Jazz Dance warm ups, terminology, characteristics, group choreography and improvisation. Comparison of different styles of Jazz Dance. Prerequisite: PEAC JD2 (completed with a grade of "C" or higher). 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**JD4 INTERMEDIATE JAZZ DANCE** **1/2-2 UNITS**

Advanced Jazz Dance technique, terminology and choreography. Advanced warm up and across the floor movement. Emphasis on group choreography and student performance. Prerequisite: PEAC JD3 (completed with a grade of "C" or higher) 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**JUD1 BEGINNING JUDO** **1/2-2 UNITS**

Designed to teach beginning judo. Basic history, philosophy, techniques and safety aspects of judo will be covered. 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**JUD2 INTERMEDIATE JUDO** **1/2-2 UNITS**

Students should have completed Beginning Judo or have had previous judo experience. Prerequisite: PEAC JUD1 (completed with a grade of "C" or higher). 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**JUD3 ADVANCED JUDO** **1/2-2 UNITS**

Advanced judo course. Students should have completed intermediate judo with a passing grade prior to enrolling in this course. Prerequisite: PEAC JUD2 (completed with a grade of "C" or higher) 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**LSF1 LAP SWIMMING FOR CARDIOVASCULAR FITNESS** **1/2-2 UNITS**

Designed to develop cardiovascular fitness in the accomplished swimmer through aerobic non-stop lap swimming. 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**PIL1 INTRODUCTION TO PILATES** **1/2-2 UNITS**

This course will enable the student to participate in Pilates exercise routines for body and mind fitness. Pilates develops a strong core or center of the body through body awareness, good posture and easy, graceful movement while improving flexibility, agility and economy of motion. Students will learn about training and prevention of metabolic syndrome through diet and exercise in this course. 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**PIL2 ADVANCED PILATES** **1/2-2 UNITS**

Pilates develops a strong core or center through body awareness, good posture and easy graceful movement while improving flexibility, agility and economy of motion. Intermediate Pilates will build on the basic principles learned in PIL1. Students will learn about eating to support an active lifestyle as well as principles of total wellness. Prerequisite: PEAC PIL1 (completed with a grade of "C" or higher). 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**PIL3 INTERMEDIATE PILATES** **1/2-2 UNITS**

This course will enable the student to participate in Pilates exercise routines for body and mind fitness. Pilates develops a strong core or center through body awareness, good posture and easy graceful movement while improving flexibility, agility and economy of motion. Advanced Pilates will build on the basic principles learned in PIL2. Students will learn about eating to support an active lifestyle as well as principles of total wellness. Prerequisite: PEAC PIL2 (completed with a grade of "C" or higher). 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**PIL4 FUNCTIONAL PILATES** **1/2-2 UNITS**

This course will enable the student to participate in Pilates exercise routines for body and mind fitness. Pilates develops a strong core or center through body awareness, good posture and easy, graceful movement while improving flexibility, agility and economy of motion. Functional Pilates will build on the basic principles learned in PIL3. Students will learn about eating to support an active lifestyle as well as principles of total wellness. Prerequisite: PEAC PIL3 (completed with a grade of "C" or higher). 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**PLF1 PLYOMETRICS AND AGILITY TRAINING FOR WOMEN** **1/2-2 UNITS**

This course focuses on physical training for women and is designed to help improve performance and minimize the potential for injury. Training will include progressive plyometric techniques, agility drills, flexibility exercises and core strengthening techniques. Health and nutritional issues specific to women will also be addressed. Students will learn about training and prevention of metabolic syndrome through diet and exercise in this course. Strongly Recommended: Previous athletic experience. 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**PRTR PERSONAL TRAINING** **1/2-2 UNITS**

Designed to give the student an individual training plan and instruction based on their personal needs and level of conditioning. 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**SBB1 SPORT-SPECIFIC TRAINING - BASEBALL** **1/2-2 UNITS**

Designed to increase an individual's specific skills in the sport of baseball. 2-6 hours. Transfer: CSU; UC; AA/AS.

**SBB2 INTERMEDIATE SPORT-SPECIFIC TRAINING - BASEBALL** 1/2-2 UNITS

Designed to increase physical conditioning, skill level, and knowledge in the sport of baseball. Individual baseball player to increase their specific physical conditioning, skill/technique level. Students must have experience and a high level of skill to enroll in this course. Prerequisite: PEAC SBB1 (completed with a grade of "C" or higher) 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**SBB3 ADVANCED BASEBALL-SPECIFIC TRAINING** 1/2-2 UNITS

Students will learn resistance and plyometric training methods to dramatically improve bat, leg and throwing speed. Students must have experience in resistance training and a high level of skill in the sport of baseball to enroll in this course. Prerequisite: PEAC SBB2 (completed with a grade of "C" or higher) 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**SBM1 SPORT-SPECIFIC INDIVIDUAL TRAINING FOR MEN'S BASKETBALL** 1/2-2 UNITS

Designed to provide individual training for the intermediate level to highly competitive level male basketball player. There will be an emphasis on training, skills, basketball strategies. 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**SBW1 SPORT-SPECIFIC TRAINING FOR THE FEMALE BASKETBALL PLAYER** 1/2-2 UNITS

Designed to provide individualized training for the intermediate level to highly competitive level female basketball player. There will be an emphasis on individual training and skills in a demanding classroom environment. 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**SMLP LAP SWIMMING FOR CARDIOVASCULAR CONDITIONING** 1/2-2 UNITS

Designed to increase cardiovascular conditioning through swimming. Strongly Recommended: Student must be water safe and have ability to complete 200 yards of swimming without interruption. 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**SOC1 INTRODUCTION TO SOCCER** 1/2-2 UNITS

Emphasizes the fundamental skills and strategies of soccer. This course focuses on rules, etiquette, safety, and soccer skills, such as dribbling, passing, shooting and defending. Offensive and defensive positions and basic team strategies are also addressed. No previous soccer experience is necessary. 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**SOC2 INTERMEDIATE SOCCER** 1/2-2 UNITS

This course is designed to give the student an understanding and training in the advanced principles of competitive soccer. Training and skill development will be combined in practice and applied in games situations. Prerequisite: PEAC SOC1 (completed with a grade of "C" or higher). 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**SOC3 ADVANCED SOCCER** 1/2-2 UNITS

This course is designed to give the students an advanced understanding of the more complex principles of the game so they can apply them in the game situation. Prerequisite: PEAC SOC2 (completed with a grade of "C" or higher) . 2-6 hours. Transfer: CSU; CSU/GE: E; AA/AS.

**SPM1 SPEED, PLYOMETRIC AND AGILITY TRAINING FOR MEN** 1/2-2 UNITS

Course focuses on the development of speed, agility and plyometric training for men. Training will include speed training, progressive plyometric techniques, agility drills, flexibility exercises and core strengthening techniques. Health and nutritional issues specific to athletics will also be addressed. Strongly Recommended: Previous athletic experience. 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**SSB1 SPORT-SPECIFIC TRAINING FOR SOFTBALL** 1/2-2 UNITS

Designed to increase specific physical conditioning, skill/technique level, and knowledge in the sport of softball. Students must have experience and a high level of skill in softball to enroll in this course. Students will learn about training and prevention of metabolic syndrome through diet and exercise in this course. Strongly Recommended: Extensive experience in softball along with the appropriate skills to play softball at the collegiate level. 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**SSCC SPORT-SPECIFIC TRAINING CROSS COUNTRY/DISTANCE RUN** 1/2-2 UNITS

This course is designed to provide sport-specific training in track and cross country. 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**SSTK TRACK AND FIELD SKILLS** 1/2-2 UNITS

Designed to teach, analyze techniques and develop training programs in the sport of track and field. Students will acquire a thorough working knowledge of the rules of all the events within the sport of track and field. 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**STP1 INTRODUCTION TO CARDIO-STEP** 1/2-2 UNITS

Designed to improve cardio-respiratory fitness utilizing a variety of choreographed and non-choreographed movement patterns. Proper stepping techniques, coinciding and non-coinciding arm and leg patterns, floor exercises and mat work, light hand weights with stretching, will be incorporated. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**STP2 INTERMEDIATE CARDIO-STEP** 1/2-2 UNITS

Designed to develop strength and cardiovascular fitness through an intermediate level of stepping routines. Prerequisite: PEAC STP1. 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**SWM1 BEGINNING SWIMMING** 1/2-2 UNITS

Designed to teach proficiency in the basic strokes of swimming. No prior knowledge or skill in swimming is needed to join this course. 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**SWM2 INTERMEDIATE SWIMMING** 1/2-2 UNITS

Designed for students who have completed beginning swimming (SWM1). Intermediate stroke development will be presented in this course. Prerequisite: PEAC SWM1 (completed with a grade of "C" or higher). 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**SWM3 ADVANCED SWIMMING** 1/2-2 UNITS

Designed for those students who would like to learn advanced strokes in swimming. Prerequisite: PEAC SWM2 (completed with a grade of "C" or higher). 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**SWM4 HIGH LEVEL SWIMMING** 1/2–2 UNITS

Designed for students who are interested in acquiring the swimming skills and conditioning necessary to compete at high level. Prerequisite: PEAC SWM3 (completed with a grade of "C" or higher). 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**TBB1 TOURNAMENT BASEBALL LEAGUE** 1/2–2 UNITS

Designed for students to develop sport specific individual, group and team skills while participating in actual Baseball games. An extensive baseball background and previous experience is needed for success in this class. Prerequisite: Students need an extensive baseball background and skill set. Students should be a member of a team and/or established and recognized baseball league. 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**TEN1 INTRODUCTION TO TENNIS** 1/2–2 UNITS

Introduction to the game of tennis. The course will involve basic stroking methods, conditioning techniques, historical background, rules, scoring, as well as singles and doubles strategies. 2-6 hours. CSU; UC; CSU/GE: E; AA/AS.

**TEN2 INTERMEDIATE TENNIS** 1/2–2 UNITS

This course is designed for those students who have completed Tennis 1. The course will involve more techniques on the strokes of tennis, introducing spin as a control technique, footwork patterns, conditioning, historical background, rules, scoring, as well as strategy and court positioning for singles and doubles play. Prerequisite: PEAC TEN1 (completed with a grade of "C" or higher). 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**TEN3 ADVANCED TENNIS** 1/2–2 UNITS

This course is for tennis players who are at an advanced level of play. The course will involve singles and doubles strategies that utilize high percentage play, footwork and conditioning drills, strategies for courts positioning in both singles and doubles play. Prerequisite: PEAC TEN2 (completed with a grade of "C" or higher). 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**TEN4 TOURNAMENT TENNIS** 1/2–2 UNITS

This course is designed for those tennis players who are competing in tournaments or league play. The course will cover strategy, court positioning, footwork and conditioning, and tennis strokes technique. Prerequisite: PEAC TEN3 (completed with a grade of "C" or higher). 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**TKD1 TAE-KWON-DO** 1/2–2 UNITS

Introductory course in the history, philosophy, techniques and safety aspects of tae-kwon-do. This is an ancient Korean martial art where students will learn "the way of fist and foot," as well as increase cardiovascular and muscular fitness. 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**VOL1 INTRODUCTION TO VOLLEYBALL** 1/2–2 UNITS

Designed to provide students an opportunity to learn or review and practice those skills which are acceptable under current rules and interpretations in the game of volleyball; to promote an interest in leisure time activity; acquire an appreciation of competitive play as a spectator; and to teach students what acceptable conduct is in a coeducational activity. 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**WAPO WATER POLO** 1/2–2 UNITS

Designed to provide the student the opportunity to develop their skills in water polo. Aspects of leadership, team play, sportsmanship, and other social values are concomitant objectives. Students will learn about training and prevention of metabolic syndrome through diet and exercise in this course. 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**WE1 INTRODUCTION TO WEIGHT TRAINING** 1/2–2 UNITS

Designed to teach the basic elements of weight training and prepare the student's body; i.e., muscles, ligaments, tendons and joints to endure weight training. Emphasis on developing muscle strength balances in the 3 different planes of motion and muscular endurance training. Circuit training will be utilized. 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**WE2 INTERMEDIATE WEIGHT TRAINING** 1/2–2 UNITS

Designed to focus on increasing the muscular hypertrophy of the prime movers. Workout templates will be provided that stimulate and provoke high and positive chemical changes within the muscle system. Prerequisite: PEAC WE1 (completed with a grade of "C" or higher). 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**WE3 ADVANCED WEIGHT TRAINING** 1/2–2 UNITS

Designed to teach the student advanced lifts and training methods in weight training and to develop the highest level of force and to become significantly stronger through the use of muscular strength training stimulus. The student will learn to synchronize their muscles involved in the exercise. Prerequisite: PEAC WE2 (completed with a grade of "C" or higher). 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**WE4 WEIGHT TRAINING FOR MUSCULAR POWER** 1/2–2 UNITS

This is a course designed to increase the muscular power of the student through high velocity training. Emphasis on improving neuromuscular coordination through the utilization of the stretch-reflex principle and higher rates of acceleration through lighter training loads. Prerequisite: PEAC WE3 (completed with a grade of "C" or higher), 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**WLK1 WALKING FOR FITNESS** 1/2–2 UNITS

This course is for students of all fitness levels who would like to utilize walking as a fitness enhancing activity. Walking routes begin on campus and explore a multitude of nearby parks and trails. Topics to be discussed include: fitness and health assessment, equipment and safety, walking techniques, motivation, nutrition basics, program design and evaluation, volkssporting and more. 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**WLK2 ADVANCED WALKING FOR FITNESS** 1/2–2 UNITS

This is course is for students of intermediate-to-advanced fitness levels who would like to utilize walking as a fitness enhancing activity. Walking routes are on campus and will utilize the stadium bleachers, stairs and track. Multiple discussion topics will include: interval training, fitness and health assessment, equipment and safety, walking techniques, motivation, nutrition basics, program design and evaluation. Students will learn about target heart rate training and recording and monitoring their heart rate in this course. Prerequisite: PEAC WLK1 (completed with a grade of "C" or higher). 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**WOW1 WOMEN'S WEIGHT TRAINING 1** 1/2–2 UNITS  
 Designed to provide introductory information on physical fitness and strength training through the use of progressive resistance exercises. 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**WOW2 WOMEN'S WEIGHT TRAINING 2** 1/2–2 UNITS  
 Designed to provide basic information to students wishing to improve their physical fitness through the use of progressive resistance exercises. The material for the course is predicated upon the use of sound physiological principles. Students will learn about training and prevention of metabolic syndrome through diet and exercise in this course. Prerequisite: PEAC WOW1 (completed with a grade of "C" or higher). 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**YOG1 INTRODUCTION TO YOGA** 1/2–2 UNITS  
 This course explores the basic principles of Hatha Yoga and how they apply to achieving lifetime fitness. It incorporates yoga postures (asanas) designed to strengthen and tone the body. Breathing exercises, relaxation and meditation techniques are learned and practiced throughout the course. Students will learn about training and prevention of metabolic syndrome through diet and exercise in this course. 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

**YOG2 INTRODUCTION TO YOGA** 1/2–2 UNITS  
 Designed for students who have completed beginning Yoga (YOG1) and are ready to progress to more complex moves in hatha yoga. Prerequisite: PEAC YOG1 (completed with a grade of "C" or higher). 2-6 hours. Transfer: CSU; UC; CSU/GE: E; AA/AS.

## LIBRARY STUDIES (LIBS)

**(ADD)**  
**1 LIBRARY SKILLS FOR AN INFORMATION SOCIETY** 1 UNIT  
 Introduction to academic libraries and information resources they provide, including development of search strategies, and the retrieval, evaluation, and use of information. Effective use of print and electronic resources, including online library catalogs, reference sources, online periodicals and research databases, and the internet. Prepares students to resolve different information queries, problems or issues (both academic and non-academic) in a systematic way—locate, evaluate, synthesize and communicate information. 1 hour. Transfer: CSU; UC.

## MACHINE TOOL TECHNOLOGY (MTT)

**(REPEATABILITY REMOVED)**

<b>60A</b>	<b>MACHINE TOOL TECHNOLOGY I</b>	<b>4 UNITS</b>
<b>60B</b>	<b>MACHINE TOOL TECHNOLOGY II</b>	<b>4 UNITS</b>
<b>63A</b>	<b>INDIVIDUAL PROJECTS</b>	<b>2 UNITS</b>
<b>63B</b>	<b>ADVANCED INDIVIDUAL PROJECTS</b>	<b>2 UNITS</b>
<b>65</b>	<b>PRODUCTION PRACTICES</b>	<b>4 UNITS</b>
<b>71A</b>	<b>NUMERICAL CONTROL PROGRAMMING I</b>	<b>4 UNITS</b>
<b>71B</b>	<b>NUMERICAL CONTROL PROGRAMMING II</b>	<b>4 UNITS</b>
<b>71C</b>	<b>NUMERICAL CONTROL PROGRAMMING III</b>	<b>4 UNITS</b>
<b>75</b>	<b>NUMERICAL CONTROL OPERATOR</b>	<b>4 UNITS</b>
<b>81A</b>	<b>SOLIDWORKS FOR MACHINE SHOPS</b>	<b>3 UNITS</b>

<b>81B</b>	<b>SURFCAM</b>	<b>3 UNITS</b>
<b>81C</b>	<b>MASTERCAM X</b>	<b>3 UNITS</b>

## MASS COMMUNICATIONS (MCOM)

### MASS COMMUNICATIONS ASSOCIATE IN ARTS DEGREE

FRESHMAN YEAR FALL SPRING

**(CORRECT COURSE NUMBERS)**

Mass Communications 20 (Journalism:  
 Newswriting and Information Gathering) . . . . . 3  
 Mass Communications 25 (Journalism:  
 Magazine and Newspaper Feature Writing) . . . . . 3

## MASS COMMUNICATIONS (MCOM)

**(REPEATABILITY REMOVED)**

<b>14</b>	<b>WRITING AND PHOTOGRAPHY FOR A WEEKLY PUBLICATION</b>	<b>1 UNIT</b>
<b>15</b>	<b>PUBLICATIONS—EDITORIAL LEADERSHIP AND PRODUCTION</b>	<b>3 UNITS</b>

**(REVISED NUMBER, CATALOG DESCRIPTION)**

<b>20</b>	<b>JOURNALISM: NEWSWRITING AND INFORMATION GATHERING</b>	<b>3 UNITS</b>
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Fundamentals of reporting and newswriting to develop ability to identify a compelling story, gather information, organize, write, rewrite and deliver in the chosen format, according to professional standards of traditional print journalism and online journalism, supported by multimedia. Analysis of exemplary journalistic models. Conceive, research, and write stories using traditional news values. Requires source interviews or original research. (May not receive credit if MCOM 1 has been completed.) Strongly Recommended: Eligibility for ENGL 1A. 3 hours. Transfer: CSU.

**(NEW COURSE)**

<b>21</b>	<b>NEWSPAPER PRODUCTION I</b>	<b>3 UNITS</b>
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This course focuses on writing and producing student news publications using the school newspaper, the Spectator and its online version, thechabotspectator.com, as a practical laboratory that produces a journalistic product for distribution to a college-wide audience. Students will work primarily in one of the following areas: researching, writing, and editing articles for the two publications; taking photographs and creating graphic illustrations; developing multimedia stories; or designing pages. Ethics and legal aspects of communication are also covered. Strongly Recommended: MCOM 20 (completed with a grade of "C" or higher), eligibility for ENGL 1A. 1 hour lecture, 6 hours laboratory. Transfer: CSU.

**(NEW COURSE)**

<b>22</b>	<b>NEWSPAPER PRODUCTION II</b>	<b>3 UNITS</b>
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This course focuses on intermediate writing and producing student news publications using the school newspaper, the Spectator and its online version, thechabotspectator.com, as a practical laboratory that produces a journalistic product for distribution to a college-wide



audience. Students will work primarily in two or three of the following areas: researching, writing, and editing articles for the two publications; taking photographs and creating graphic illustrations; developing multimedia stories; or designing pages. Ethics and legal aspects of communication and media leadership/management are also covered. Prerequisite: MCOM 21 (completed with a grade of "C" or higher) Strongly Recommended: MCOM 20 (completed with a grade of "C" or higher); eligibility for ENGL 1A. 1 hour lecture, 6 hours laboratory. Transfer: CSU.

**(NEW COURSE)**

**23 NEWSPAPER PRODUCTION III 3 UNITS**

This course focuses on advanced intermediate writing and producing student news publications using the school newspaper, the Spectator and its online version, thechabotspectator.com, as a practical laboratory that produces a journalistic product for distribution to a college-wide audience. Students will work primarily in four or five of the following areas: researching, writing, and editing articles for the two publications; taking photographs and creating graphic illustrations; developing multimedia stories; or designing pages. Ethics and legal aspects of communication and media leadership/management are also covered and students should serve in leadership roles. Prerequisite: MCOM 22. 1 hour lecture, 6 hours laboratory. Transfer: CSU.

**(NEW COURSE)**

**24 NEWSPAPER PRODUCTION IV 3 UNITS**

This course focuses on advanced leadership, writing and producing student news publications using the school newspaper, the Spectator and its online version, thechabotspectator.com, as a practical laboratory that produces a journalistic product for distribution to a college-wide audience. Students will produce work in six or more of the following areas: researching, writing, and editing advanced investigative and in-depth articles for the two publications; taking photographs and creating graphic illustrations; developing multimedia stories; or designing pages. Ethics and legal aspects of communication and media leadership/management are also covered and students should serve in leadership roles and cover a major or public affairs beat. Prerequisite: MCOM 23. 1 hour lecture, 6 hours laboratory. Transfer: CSU.

**(REVISED NUMBER, CATALOG DESCRIPTION)**

**25 MAGAZINE AND NEWSPAPER FEATURE WRITING 3 UNITS**

Feature writing, free lance journalism and how to get published in newspapers and magazines and online opportunities. (May not receive credit if MCOM 3 has been completed.) Strongly Recommended: ENGL 1A (completed with a grade of "C" or higher). 3 hours. Transfer: CSU.

**(NEW COURSE)**

**26 BEGINNING PHOTOJOURNALISM 3 UNITS**

Beginning photojournalism focuses on the technical, aesthetic, journalistic and interpersonal skills needed to produce images that tell stories for newspapers, magazines, books and the Internet. Assignments will introduce students to specific areas of photojournalism including current technology and tools for preparing images. Students may be assigned to cover protests, demonstrations, political campaigns, live performances, campus events, press conferences, sporting events and feature stories that explore contemporary social issues. Journalistic ethics will be the subject of ongoing discussions throughout the semester, as will applicable business practices. Strongly Recommended: PHOT 50 or PHOT 53A. 1 hour lecture, 6 hours laboratory. Transfer: CSU.

**(NEW COURSE)**

**56 INTRODUCTION TO KCRH RADIO EXPERIENCE 3 UNITS**

Introduction to practical experience in KCRH radio station operations including programming, music, audio production techniques, promotions, news, live sports, and underwriting sales. Experience in broadcast operation of KCRH-FM. Prerequisite: MCOM 50 (completed with a grade of "C" or higher). 2 hours lecture, 3 hours laboratory. Transfer: CSU.

**(REVISED TITLE, CATALOG DESCRIPTION, REPEATABILITY REMOVED)**

**58 INTERMEDIATE KCRH RADIO EXPERIENCE 3 UNITS**

Intermediate practical experience in KCRH radio station operations including programming, music, audio production techniques, promotions, news, live sports, and underwriting sales. Experience in broadcast operation of KCRH-FM. Prerequisite: MCOM 50 (completed with a grade of "C" or higher), MCOM 56 (completed with a grade of "C" or higher). 2 hours lecture, 3 hours laboratory. Transfer: CSU.

**(REPEATABILITY REMOVED)**

**59 ADVANCED KCRH RADIO EXPERIENCE 3 UNITS**

**61 TELEVISION STUDIO TECHNIQUES II 3 UNITS**

**62 TELEVISION SPORTS PRODUCTION 2 UNITS**

**63 CABLE TELEVISION STATION OPERATION 2 UNITS**

**68 KCTH TELEVISION EXPERIENCE 3 UNITS**

**69 ADVANCED KCTH TELEVISION EXPERIENCE 3 UNITS**

**MATHEMATICS (MTH)**

ASSOCIATE IN ARTS OR  
ASSOCIATE IN SCIENCE DEGREE

**GENERAL EDUCATION UNITS FOR A.S. DEGREE . . . . . 19**

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

General Education Courses (Areas A-E) . . . . . 16

Mathematics GE Requirement . . . . . 3

**(CORRECT COURSE NUMBERS)**

Complete a minimum of 3 units from

Astronomy 10, 20, 30

Biology 2, 4, 5, 6, 10, 31, 50

**(DELETE)**

Geology 1, 10, 10L

**MATHEMATICS (MTH)**

**(DELETE)**

**12 INTRODUCTION TO LOGIC 3 UNITS**

**(REVISED REQUISITE)**

**16 APPLIED CALCULUS II 3 UNITS**

Techniques of integration; multivariable calculus; calculus of trigonometric functions; differential equations; Taylor polynomials. Applications in business, economics and the life and social sciences. Prerequisite: MTH 15 (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the Mathematics Assessment process. Strongly Recommended: MTH 36 or MTH 37. 3 hours. Transfer: CSU; UC; CSU/GE: B4; IGETC; Area 2A; AA/AS

**(REVISED PREREQUISITE)**

**47 MATHEMATICS FOR LIBERAL ARTS 3 UNITS**

An introduction to a variety of mathematical concepts for students interested in liberal arts. Focus is on using mathematics to help make informed decisions. Applications include voting practices, apportionment and personal finance. Prerequisite: MTH 54 or MTH 54L or MTH 55 or MTH 55L or MTH 55B (each completed with a grade of "C" or higher) or an equivalent course or an appropriate skill level demonstrated through the mathematics assessment process. 3 hours. Transfer: CSU; UC; AA/AS..

**(NEW COURSE)**

**53 APPLIED ALGEBRA AND DATA ANALYSIS 6 UNITS**

Equations and formulas; linear, exponential, logarithmic and variation functions; measurement and conversion of units; exponents and scientific notation; introduction to descriptive statistics including graphical methods; introduction to probability; measures of risk. Intended for students who do not need calculus. Prerequisite: MTH 104 (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the Mathematics Assessment process. Strongly Recommended: ENGL 102 or ENGL 101B. 6 hours lecture, 1 hour laboratory. AA/AS.

**(NEW COURSE)**

**53A ELEMENTARY APPLIED ALGEBRA AND DATA ANALYSIS 3 UNITS**

Equations and formulas; linear functions; measurement and conversion of units; exponents and scientific notation; proportional reasoning and problem solving. Intended for students who do not need calculus. Prerequisite: MTH 104 (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the Mathematics Assessment process. Strongly Recommended: ENGL 102 or ENGL 101B. 3 hours lecture, 1 hour laboratory. AA/AS.

**(NEW COURSE)**

**53B INTERMEDIATE APPLIED ALGEBRA AND DATA ANALYSIS 3 UNITS**

Formulas; exponential, logarithmic functions, variation and piecewise linear function; introduction to descriptive statistics including graphical methods; introduction to probability; measures of risk. Intended for students who do not need calculus. Prerequisite: MTH 53A (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the Mathematics Assessment process. Strongly Recommended: ENGL 102 or ENGL 101B. 3 hours lecture, 1 hour laboratory. AA/AS.

**(REVISED TITLE, CATALOG DESCRIPTION, REPEATABILITY REMOVED)**

**122 MATH LAB 1/2-1 UNIT**

Provides mathematics students an opportunity to build/maintain mathematics skills with tutorial assistance from an instructor, student tutors, and/or fellow classmates. Students may also use a software program and work on problems at their own pace through active participatory experience. 1.5-3 hours laboratory.

**MEDICAL ASSISTING (MEDA)**

**(REVISED CERTIFICATE)**

**MEDICAL ASSISTING  
CERTIFICATE OF ACHIEVEMENT**

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](http://www.caahep.org), on recommendation of the Medical Assisting Education Review Board (MAERB) of the American Association of Medical Assistants' Endowment (AAMAE).

Completion of this program qualifies the student to take the National Certification examination CMA-AAMA®-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 29 units for the accredited Medical Assisting Certificate program are eligible to sit the American Association of Medical Assistants (AAMA) Certified Medical Assistant (CMA-AAMA®) exam.

**Career Opportunities in Medical Assisting**

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.

**FIRST SEMESTER**

Health 51A (Basic Medical Terminology) . . . . .	4
Computer Application Systems 50 (Introduction to Computer Application Systems) or Computer Application Systems 88A (Microsoft Word I) or Computer Science 8 (Computer Literacy) . . . . .	3
Medical Assisting 70A* (Clinical Skills for the Medical Assistant I) . . . . .	3
Medical Assisting 71A (Administrative Skills I) . . . . .	2
Medical Assisting 75 (Administration of Medications for the Medical Assistant) . . . . .	3

*Semester 2 involves Clinical experience. Prior to clinical experience the student must submit Medical, Dental and Immunization records. A background check and drug screen is also required. The CPR card required is an American Heart Association Healthcare provider card that may be obtained through Chabot College Community Education or an off campus provider.*

**SECOND SEMESTER**

Health 51B (Disease Process and Advanced Medical Terminology) . . . . .	4
Medical Assisting 70B (Clinical Skills for the Medical Assistant II) . . . . .	3

Medical Assisting 71B (Administrative Skills II) . . . . .	2
Medical Assisting 73* (Clinical Experience (Practicum)) . . . . .	4
Medical Assisting 74 (Clinical Experience Seminar) . . . . .	1
<b>Total</b> . . . . .	<b>29</b>

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

To progress in the Medical Assisting Certificate Program and to graduate from the program, students must earn a minimum grade of "C" in each course.

## MUSIC

**NEW DEGREE)**

### MUSIC

#### ASSOCIATE IN ARTS FOR TRANSFER DEGREE

The Associate in Arts in Music for Transfer degree offers students a focus of study in Music Performance and/or Music Education as well as providing a broad exposure to additional facets of the subject area. The degree combines the theoretical concepts with practical skill building courses to prepare the student with competency in Music theory and performance. The courses in the Associate in Arts in Music for Transfer degree examine the nature of the fine and applied arts through analysis, synthesis, composition, performance and technical development. Students will develop techniques appropriate to the art form, engage in performance of the music, examine aesthetic valuing and participate in creative expression of music.

UNITS

**REQUIRED CORE (20units)**

MUSL 2A (Harmony and Musicianship I) . . . . .	3
MUSL 2B (Harmony and Musicianship II) . . . . .	3
MUSL 2C (Harmony and Musicianship III) . . . . .	3
MUSL 2D (Harmony and Musicianship IV) . . . . .	3
MUSA 40 (Applied Lessons) <i>4 semesters @ 1 unit each</i> . . . . .	4

**Large Ensemble (4 semesters @ 1 unit each)**

MUSP 12 (Wind Ensemble) or MUSP (Wind Symphony) or MUSP (Jazz Lab) or MUSP 15 (Jazz Ensemble) or MUSP 16 (Jazz Orchestra) or MUSP 44 (Concert Choir) or MUSP 45 (Chamber Choir) . . . . .	4
<b>Total</b> . . . . .	<b>20</b>

Required courses in the major: 20 units.

CSU GE or IGETC (CSU) requirements: 37-39 units  
(Possible Double-counting: 0 units)  
CSU transfer Electives as needed to reach 60 CSU transferable units.  
**TOTAL UNITS: 60 units**

**All courses in the major area of emphasis are required to have a grade of "C" or higher, and a cumulative GPA of 2.0 must be achieved.**

## MUSIC LITERATURE, THEORY AND MUSICIANSHIP (MUSL)

**(NEW COURSE)**

**42A JAZZ THEORY I** **2 UNITS**  
Developing an understanding of traditional jazz nomenclature including chord symbols, chord/scale relationships, and jazz harmony. Various scales, their modes and their applications will be addressed as well as their applications to harmonic progressions common to the jazz idiom. Strongly Recommended: MUSL 6 (completed with a grade of "C" or higher). 2 hours lecture, 1 hour laboratory. Transfer: CSU.

**(NEW COURSE)**

**42B JAZZ THEORY II** **2 UNITS**  
Jazz composition and arranging to gain and/or solidify a working knowledge of standard concepts pertaining to writing and arranging for the small to large ensemble. Emphasis will be placed on achieving the following: shapes and voicings used for different combinations of melody instruments; writing idiomatic arrangements of "standards" in the jazz idiom and standard "industry-style" formatting of scores and parts. Prerequisite: MUSL 42A (completed with a grade of "C" or higher). 2 hours lecture, 1 hour laboratory. Transfer: CSU.

## MUSIC PERFORMANCE (MUSP)

**(CORRECT TITLES)**

<b>12</b>	<b>WIND ENSEMBLE</b>	<b>1 UNIT</b>
<b>13</b>	<b>WIND SYMPHONY</b>	<b>1 UNIT</b>
<b>15</b>	<b>JAZZ ENSEMBLE</b>	<b>1 UNIT</b>
<b>16</b>	<b>JAZZ ORCHESTRA</b>	<b>1 UNIT</b>

**(REPEATABILITY REMOVED)**

<b>10</b>	<b>COMMUNITY CONCERT BAND</b>	<b>1/2 UNIT</b>
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**(NEW COURSE)**

**14 JAZZ LAB** **1 UNIT**

*(May be repeated 3 times)*

For instrumentalists who want experience in performing and interpreting small-group literature. The music literature will cover important aspects of Jazz band development and works of all styles and periods. Emphasis will be on articulations, stylistic differences, and common performance practices of the various periods of music. Enrollment by audition only. 4 hours laboratory. Transfer: CSU; UC.

## MUSIC APPLIED (MUSA)

**(NEW COURSE)**

**11 JAZZ IMPROVISATION** **1 UNIT**

*(May be repeated 3 times)*

Major scales, chord construction, and development of melodic lines used in contemporary styles of Jazz Improvisation. Jazz literature for combos of the post Bop era using exotic scales, altered chord construction, and development of modal and intervallic concepts used in contemporary improvisation. 4 hours laboratory. Transfer: CSU; UC.

**(NEW COURSE)**

**40 APPLIED LESSONS** 1 UNIT  
*(May be repeated 3 times)*

Individualized study of the appropriate techniques and repertoire for the specific instrument or voice being studied. The emphasis is on the progressive development of skills needed for solo performance. Achievement is evaluated through a juried performance. Enrollment subject to a standardized audition demonstrating basic competencies in technique and musicianship in their major performance medium. Corequisite: MUSP 12 or MUSP 13 or MUSP 15 or MUSP 16 or MUSP 44 or MUSP 45. 4 hours laboratory. Transfer: CSU.

## NURSING (NURS)

**(REVISED REQUISITES)**

**54 CLINICAL TOPICS** 1/2 UNIT

Study of selected clinical topics and associated nursing process related to nursing practice. Prerequisite: Completion of NURS 59 or NURS 60A (completed with a grade of "C" or higher) (or the equivalent) or NURS 70 (completed with a grade of "C" or higher) and possession of a valid California LVN license.

**(UNITS CORRECTED)**

**72 WORK-STUDY CLINICAL PRACTICUM** 1/2 – 2 UNITS

**(REPEATABILITY REMOVED)**

**84 PRESCRIPTIVE CLINICAL NURSING SKILLS PRACTICE** 1/2–1 UNIT

## PHILOSOPHY (PHIL)

**(DELETE)**

**9 COLLOQUIUM—PHILOSOPHY** 1 UNIT

**(REVISED CATALOG DESCRIPTION)**

**50 GOD, NATURE, HUMAN NATURE** 3 UNITS

Nature and range of philosophical inquiry in relation to everyday problems of humans as individuals, as citizen, as existing in nature, and as a creator of works of the arts and of the spirit. Analysis of primary philosophical documents that concentrate on these broad areas of a human's concerns. Introduction to Philosophy by the Philosophers' own works, their methods of procedure and inquiry; attention given to the development of skills for reading, analyzing, and pursuing philosophical argument. Strongly Recommended: PHIL 60 (completed with a grade of "C" or higher), PHIL 65 (completed with a grade of "C" or higher), PHIL 70 (completed with a grade of "C" or higher). 3 hours. Transfer: CSU; UC; CSU/GE: C2; IGETC: Area 3/B; AA/AS.

**(REVISED CATALOG DESCRIPTION)**

**60 INTRODUCTION TO PHILOSOPHY: ETHICS** 3 UNITS

Examination of representative ethical theories. Problems of good and evil, right and wrong, individual and/or social action; principles, criteria or starting points for these issues and decisions as discussed and developed in great writings of the philosophical-literary tradition. 3 hours. Transfer: CSU; UC; CSU/GE: C2; IGETC: Area 3/B; AA/AS.

**(REVISED CATALOG DESCRIPTION)**

**65 INTRODUCTION TO PHILOSOPHY: THEORY OF KNOWLEDGE** 3 UNITS

Primary works of philosophy in the areas of knowledge, truth, and thought. Systematic analysis of documents that constitute the major statements in the theory of knowledge—the functions of reasoning, intuition, and sense experience. 3 hours. Transfer: CSU; UC; CSU/GE: C2; IGETC: Area 3/B; AA/AS.

## PHOTOGRAPHY (PHOT)

**PHOTOGRAPHY**  
ASSOCIATE IN ARTS DEGREE

**(CORRECT TOTAL UNITS)**

Total..... 28-29

**PHOTOGRAPHY**  
CERTIFICATE OF PROFICIENCY

**(CORRECT TOTAL UNITS)**

Total..... 15

## PHOTOGRAPHY (PHOT)

**(REPEATABILITY REMOVED)**

<b>51</b>	<b>INDIVIDUAL PROJECTS</b>	<b>1 UNIT</b>
<b>60</b>	<b>INTERMEDIATE BLACK AND WHITE PHOTOGRAPHY</b>	<b>3 UNITS</b>
<b>61</b>	<b>COLOR MATERIALS AND PROCESSES</b>	<b>3 UNITS</b>
<b>62</b>	<b>PORTFOLIO WORKSHOP</b>	<b>3 UNITS</b>
<b>65</b>	<b>HANDCOLORING, TONING AND BEYOND</b>	<b>3 UNITS</b>
<b>80</b>	<b>PHOTO SILKSCREEN PRINTING</b>	<b>3 UNITS</b>
<b>81</b>	<b>PHOTO ETCHING AND GRAVURE</b>	<b>3 UNITS</b>

## PSYCHOLOGY (PSY)

### DEGREE: AA-T—PSYCHOLOGY

The Associate in Arts in Psychology for Transfer degree is designed to prepare students who wish to pursue a Bachelor's degree in the field of Psychology. Psychology is a diverse discipline with many areas of specialty. It continually seeks to understand and explain the human experience; how we think, act, feel and relate to ourselves and others. Students completing this degree will learn to apply science, as well as use multiple theoretical perspectives and levels of analysis to understand problems related to behavior and mental processes. The successful student will apply critical and creative thinking to problem solving, and apply psychological knowledge to personal, social, organizational, cross-cultural and global issues. This degree provides students with foundational knowledge, skills, and values consistent with the science

and application of Psychology while preparing them for upper division course work in the field. California Community College students who are awarded the Associate in Arts in Psychology for Transfer degree are guaranteed admission with junior standing somewhere in the CSU system, and given priority admission consideration to their local CSU campus or to a program that is deemed similar to their community college major. Students are strongly encouraged to meet with a counselor to review their options for transfer and to develop an educational plan that best meets their goals.

### Career Opportunities in Psychology

Areas of specialization and careers in psychology include: Clinical/Counseling/Child Psychologist, Biopsychology, Cognitive, Cross-cultural, Developmental, Experimental Research, Educational, Ergonomics and Human Factors, Health, Forensic, Industrial/organizational, Personality, Social work, School and Sports psychology.

## PSYCHOLOGY

### ASSOCIATE IN ARTS FOR TRANSFER DEGREE

	UNITS
<b>REQUIRED CORE</b>	
Psychology 1 (General Psychology) . . . . .	3
Psychology 2 (Introduction to Psychological Methodology) . . . . .	3
Psychology 5 (Introductory Statistics for the Behavioral and Social Sciences) . . . . .	4
Psychology 4 (Brain, Mind and Behavior) . . . . .	3
<b>LIST A (select one course)</b>	
Biology 10 (Introduction to the Science of Biology) . . . . .	4
Biology 31 (Introduction to College Biology) . . . . .	4
Psychology 3 (Social Psychology) . . . . .	3
Psychology 12 (Lifespan Psychology) . . . . .	3
<b>LIST B (select two courses)</b>	
Any course from List A not already used . . . . .	3-4
Psychology 6 (Abnormal Psychology) . . . . .	3
Psychology 7 (Introduction to Counseling Theory and Skills) . . . . .	3
Psychology 33 (Personal and Social Adjustment) . . . . .	3
Psychology 45 (Psychology or Creativity and Innovation) . . . . .	3
Anatomy 1 (General Human Anatomy) . . . . .	5
Anthropology 1 (Biological/Physical Anthropology) . . . . .	3
Anthropology 3 (Social and Cultural Anthropology) . . . . .	3
Biology 25 (Human Heredity and Evolution) . . . . .	3
Biology 50 (Anatomy and Physiology) . . . . .	4
Physiology 1 (Human Physiology) . . . . .	5
Political Science 1 (Introduction to American Government) . . . . .	3
Political Science 20 (Comparative Politics) . . . . .	3
Sociology 1 (Principles of Sociology) . . . . .	3
Computer Science 14 (Introduction to Structured Programming in C++) . . . . .	4
Computer Science 15 (Object-Oriented Programming Methods) . . . . .	4
Mathematics 20 (Pre-Calculus Mathematics) . . . . .	5
Mathematics 37 (Trigonometry with an Emphasis on its Geometric Foundations) . . . . .	5
Mathematics 36 (Trigonometry) . . . . .	3
Mathematics 1 (Calculus I) . . . . .	5
Mathematics 2 (Calculus II) . . . . .	5

Physics 2A (Introduction to Physics I) . . . . .	4
Physics 2B (Introduction to Physics II) . . . . .	4
Physics 4A (General Physics I) . . . . .	5
Physics 4B (General Physics II) . . . . .	5
Physics 4C (General Physics III) . . . . .	5
Chemistry 1A (General College Chemistry I) . . . . .	5
Chemistry 1B (General College Chemistry II) . . . . .	5
English 4 (Critical Thinking and Writing about Literature) . . . . .	3
English 7 (Critical Thinking and Writing across Disciplines) . . . . .	3
<b>Total</b> . . . . .	<b>22-27</b>

Required courses in the major: 22-27 units.  
 CSU GE or IGETC (CSU) requirements: 37-39 units  
 (Possible Double-counting: 16-19 units)  
 CSU transfer Electives as needed to reach 60 CSU transferable units.  
**TOTAL UNITS: 60 units**

**All courses in the major area of emphasis are required to have a grade of "C" or higher, and a cumulative GPA of 2.0 must be achieved.**

## PSYCHOLOGY (PSY)

### (REVISED CATALOG DESCRIPTION)

#### 2 INTRODUCTION TO PSYCHOLOGICAL METHODOLOGY 3 UNITS

This course surveys various psychological research methods with an emphasis on research design, experimental procedures, descriptive methods, instrumentation, and the collection, analysis, interpretation, and reporting of research data. Research design and methodology will be examined through a review of research in a variety of the subdisciplines of psychology. Prerequisite: PSY 1 (completed with a grade of "C" or higher) and PSY 5 (completed with a grade of "C" or higher) or an equivalent statistics course (completed with a grade of "C" or higher). Strongly Recommended: ENGL 1A. 3 hours. Transfer: CSU; UC; CSU/GE:D9; IGETC: Area 4I; AA/AS.

### (NEW COURSE)

#### 4 BRAIN, MIND AND BEHAVIOR 3 UNITS

This course introduces the scientific study of the biological bases of behavior and its fundamental role in the neurosciences. Physiological, hormonal, and neurochemical mechanisms, and brain-behavior relationships underlying the psychological phenomena of sensation, perception, regulatory processes, emotion, learning, memory, neurological, developmental and psychological disorders will be addressed. The course also notes historical scientific contributions and current research principles for studying brain-behavior relationships and mental processes. Ethical standards for human and animal research are discussed in the context of both invasive and non-invasive experimental research. 3 hours. Prerequisite: PSY 1 Strongly Recommended: ENGL 1A. 3 hours. Transfer: CSU; UC; AA/AS.

### (REVISED CATALOG DESCRIPTION)

#### 5 INTRODUCTORY STATISTICS FOR THE BEHAVIORAL AND SOCIAL SCIENCES 4 UNITS

Statistics as applied to the behavioral and social sciences. Topics include: descriptive and inferential statistics; measures of central tendency and variability; normal, t-test, and chi-square distributions; correlation, regression, ANOVA; probability and hypothesis testing. Emphasis on selection and interpretation of statistical analyses. Introduction to applications of computer statistical software to social science data. Prerequisite: MTH 53, MTH 53B, MTH 54, MTH 54L, MTH 55, MTH 55L or MTH 55B with a grade of "C" or higher or an appropriate skill level demonstrated through the Mathematics Assessment process

Strongly Recommended: ENGL 1A. 4 hours. Transfer: CSU; UC; CSU/GE: B4; AA/AS.

**(NEW COURSE)**

**5W INTRODUCTORY STATISTICS FOR THE BEHAVIORAL AND SOCIAL SCIENCES WORKSHOP**

**0.25-1/2 UNIT**

Practice and application of statistics. Laboratory, study group, collaborative workshop or computer laboratory time for Introductory Statistics for the Behavioral and Social Sciences. Corequisite: PSY 5. 1-2 hours laboratory. Transfer: CSU.

**PSYCHOLOGY—COUNSELING (PSCN)**

**LIBERAL ARTS**  
ASSOCIATE IN ARTS DEGREE

All classes listed below transfer to CSU. Courses in **BOLD** also are transferable to UC. Refer to [www.assist.org](http://www.assist.org) for transfer details.

AREAS OF EMPHASIS

**(REVISIONS)**

**Emphasis 1 - Arts and Humanities:**

**(ADD/CHANGE NUMBER)**

- Art 12D, 17B, **23, 24**
- English 11A, 11B, 12A, 12B, 13, **31**
- German **1A, 1B**
- Music (MUSA) **11**, 42A, 42B
- Theater Arts 16A, 16B, 16C, 16D, 20A, 20B, 20C, 20D, **30A, 30B, 30C, 30D, 47A, 47B, 47C, 47D, 48A, 48B, 48C, 48D, 50A, 50B, 50C, 50D**

**(DELETE)**

- Humanities 75
- Theater Arts 40

**Emphasis 2 - Communication in the English Language:**

**(DELETE)**

- Mathematics 12

**Emphasis 3 - Social and Behavioral Sciences:**

**(ADD/CHANGE TRANSFER STATUS)**

- Administration of Justice **70**
- Psychology **2, 4**
- Sociology **5, 6**

**Emphasis 4 - Mathematics and Science:**

**(ADD)**

- Psychology **4, 5**

**(DELETE)**

- Biology 2A, 2B

**Emphasis 5 - Kinesiology and Wellness:**

**(DISCIPLINE AND NUMBER CHANGES)**

- Cluster 1: Physical Education and Movement**
- Physical Education 17 becomes Kinesiology 2
- Physical Education 20 becomes Kinesiology 1
- Physical Education 23 becomes Kinesiology **12BK**
- Physical Education 25 becomes Kinesiology **16**
- Physical Education 26 becomes Kinesiology 17
- Physical Education 27 becomes Kinesiology **3BB**
- Physical Education 28 becomes Kinesiology 5

**Cluster 2: Scientific and Nutrition Background**  
Physical Education 18 becomes Kinesiology 14

**Cluster 3: Behavioral Development and Diversity**  
Physical Education 16 becomes Kinesiology CSA

**LIBERAL STUDIES:  
ELEMENTARY TEACHER  
PREPARATION**  
ASSOCIATE IN ARTS DEGREE

**ARTS**

**(ADD)**

- Art 23, 24

**QUANTITATIVE REASONING**

**(DELETE MATHEMATICS 35)**

**PSYCHOLOGY—COUNSELING (PSCN)**

**(REPEATABILITY REMOVED)**

<b>7</b>	<b>CONTEMPORARY ISSUES</b>	<b>1-3 UNITS</b>
<b>11</b>	<b>INTERPERSONAL RELATIONSHIPS</b>	<b>2 UNITS</b>
<b>20</b>	<b>THE COLLEGE EXPERIENCE</b>	<b>2 UNITS</b>
<b>22</b>	<b>COLLEGE SUCCESS SERIES</b>	<b>1/2-1 1/2 UNITS</b>

**RADIO AND TELEVISION  
BROADCASTING**

**RADIO AND TELEVISION  
BROADCASTING**  
ASSOCIATE IN ARTS

**(CORRECT UNITS)**

Mass Communications 58 (KCRH Radio Experience)  
or Mass Communications 68 (KCTH Television  
Experience)..... 3  
**Total..... 28**

**REAL ESTATE (REST)**

**DEGREE:  
AA—REAL ESTATE**

**CERTIFICATE OF ACHIEVEMENT:  
REAL ESTATE**

**CERTIFICATE OF PROFICIENCY:  
REAL ESTATE**

(NEW CERTIFICATE)

## REAL ESTATE CERTIFICATE OF PROFICIENCY

### CORE COURSES

Real Estate 80 (Real Estate Principles) . . . . .	3
Real Estate 84 (Real Estate Practice) . . . . .	3
Real Estate 90 (Exam Preparation: State of California Real Estate Licensing Exam) . . . . .	2
Option* . . . . .	3
<b>Total</b> . . . . .	<b>11</b>

**\*Option one of the following courses:**

Real Estate 81A (Legal Aspects of Real Estate) . . . . .	3
Real Estate 82A (Real Estate Appraisal) . . . . .	3
Real Estate 83 (Real Estate Finance) . . . . .	3
Real Estate 88 (Real Estate Property Management) . . . . .	3

## REAL ESTATE (REST)

(REVISED REQUISITE)

**83 REAL ESTATE FINANCE 3 UNITS**

Financing transactions in the real estate business and in lending institutions; analysis of money markets, interest rates and real estate financing. Financing procedures, residential and commercial financing. Strongly Recommended: REST 80 (completed with a grade of "C" or higher). 3 hours. Transfer: CSU.

(REVISED TITLE, CATALOG DESCRIPTION)

**90 EXAM PREPARATION: CA LICENSING 2 UNITS**

This course is designed to prepare the student for the State of California DRE licensing examination. In the course of that preparation many real estate topics are covered in examination format. The following will be covered: 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.

## SERVICE LEARNING (SERV)

(REVISED NUMBER, TITLE, CATALOG DESCRIPTION)

**85A LEARNING IN ACTION: BEGINNING 2-3 UNITS**

Placement in meaningful volunteer projects in community organizations or schools, approved by instructor and supervised by site supervisor. Introduction to practical skills and knowledge required to serve as effective volunteers or tutors. Discuss specific problems in the community and investigate and carry out service projects to address them. Class will meet one hour per week on campus for reflection and discussion of community issues, and students will serve at least 3 hours per week in community agencies or schools. 2-3 hours. Transfer: CSU.

(NEW COURSE)

**85B LEARNING IN ACTION: INTERMEDIATE 2-3 UNITS**

Placement in meaningful volunteer projects in community organizations or schools. Furthering of practical skills and knowledge required to serve as effective volunteers or tutors. Discuss specific problems in the community and investigate and carry out service projects to

address them. Meets one hour per week on campus for reflection and discussion, and students serve at least 3 hours per week in community agencies or schools. Prerequisite: SERV 85A (completed with a grade of "P" or higher). 2-3 hours. Transfer: CSU.

(NEW COURSE)

**85C LEARNING IN ACTION: ADVANCED INTERMEDIATE**

**2-3 UNITS**

Placement in meaningful volunteer projects in community organizations or schools. Advanced intermediate skills and knowledge required to serve as effective volunteers or tutors. Discuss specific problems in the community and investigate and carry out service projects to address them. Meets one hour per week on campus for reflection and discussion, and students serve at least 3 hours per week in community agencies or schools. Prerequisite: SERV 85B (completed with a grade of "P" or higher). 2-3 hours. Transfer: CSU.

(NEW COURSE)

**85D LEARNING IN ACTION: ADVANCED**

**2-3 UNITS**

Placement in meaningful volunteer projects in community organizations or schools. Advanced skills and knowledge to serve as effective volunteers or tutors. Discuss specific problems in the community and investigate and carry out service projects to address them. Meets one hour per week on campus for reflection and discussion, and students serve at least 3 hours per week in community agencies or schools. Prerequisite: SERV 85C (completed with a grade of "P" or higher). 2-3 hours. Transfer: CSU.

## SOCIOLOGY (SOCI)

### SOCIOLOGY

ASSOCIATE IN ARTS FOR TRANSFER DEGREE

(CORRECT UNITS)

LIST C (select one-3-4 units)

Any List A or B course not used above . . . . . 3-4

**Total** . . . . . **18-20**

Required Major Courses: 18-20 units

## THEATER ARTS (THTR)

DEGREE:

**AA-THEATER ARTS**

**AA-T-THEATRE ARTS**

(REVISED DEGREE)

### THEATER ARTS

ASSOCIATE IN ARTS DEGREE

An AA in Theater Arts will give students experience and knowledge in the broad range of skills required for the successful production of both original and published theatrical material. All majors must complete courses in

acting, technical theater and production of original student work. Beyond that, students can focus more intensely on a given area, such as acting, directing, playwrighting or technical theater. The department produces a full array of theatrical genres including musicals, Shakespeare, contemporary American dramas and original student written pieces.

FRESHMAN YEAR FALL SPRING

Theater Arts 1 (Introduction to Acting) . . . . . 3  
 Theater Arts 10 (Introduction to Theater Arts) . . . . . 3  
 Theater Arts 21 (Introduction to Design for the Theater: Emphasis in Set and Lights) . . . . . 3  
 Theater Arts 30A (Introduction to Emerging Work) . . . . . 3

SOPHOMORE YEAR FALL SPRING

Theater Arts 48A (College Theater Technical: Introduction) . . . . . 3  
 Option\* . . . . . 3  
 Option\* . . . . . 3  
**Total** . . . . . **21**

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

\* Select any six units from the following options:

Theater Arts 2 (Intermediate Acting)	3 units
Theater Arts 3 (Improvisation for the Theater)	3 units
Theater Arts 4 (Acting on Camera)	3 units
Theater Arts 5 (Theater for Young Audiences)	3 units
Theater Arts 6 (Movement for the Actor)	3 units
Theater Arts 7 (Voice for the Actor)	3 units
Theater Arts 8 (Audition Technique)	3 units
Theater Arts 11 (Stage to Film)	3 units
Theater Arts 12 (Film as Art and Communication)	3 units
Theater Arts 16A (Introduction to Dramatic Writing)	3 units
Theater Arts 47A (Introduction to College Theater Acting)	3 units
Theater Arts 50A (Introduction to Theater Management)	1-6 units

**NEW DEGREE)**

**THEATRE ARTS**

ASSOCIATE IN ARTS FOR TRANSFER DEGREE

The Associate in Arts in Theatre Arts for Transfer degree prepares students to move into a curriculum at a four-year institution leading to a baccalaureate degree in Theatre Arts, which can lead to careers in teaching, design, technical theater, theater management, professional performance, stage direction, stage management, etc. Completion of the Associate in Arts in Theatre Arts degree also provides guaranteed admission with junior status to the CSU system. Upon completion of the Associate in Arts in Theatre Arts degree, students will understand and be able to demonstrate the fundamental performance and technical production process for the theater arts, demonstrate knowledge of the historical and cultural dimensions of theater, and understand the interaction between script, actor, and audience in the areas of scenery, lighting, and costume.

UNITS

**REQUIRED CORE (9 units)**

Theater Arts 1 (Introduction to Acting) . . . . . 3  
 Theater Arts 10 (Introduction to Theater Arts) . . . . . 3  
 Theater Arts 47A (Introduction to College Theater Acting) or Theater Arts 48A (College Theater Technical: Introduction) 3

**LIST A (select three courses - 9 units)**

Theater Arts 2 (Intermediate Acting) . . . . . 3  
 Theater Arts 21 (Introduction to Theater Design: Emphasis in Set and Lights) . . . . . 3  
 Theater Arts 22 (Introduction to Theater Design: Emphasis in Costume and Makeup) . . . . . 3  
 Theater Arts 47A\* (Introduction to College Theater Acting) . . . 3  
 Theater Arts 47B\* (College Theater Acting: The Basics) . . . . . 3  
 Theater Arts 48A\* (College Theater Technical: Introduction) . . . 3  
 Theater Arts 48B\* (College Theater Technical: Beginning) . . . . . 3  
 \*if not used in required core (minimum of 3 units)

**Total** . . . . . **18**

Required courses in the major: 18 units.  
 CSU GE or IGETC (CSU) requirements: 37-39 units  
 (Possible Double-counting: 6 units)  
 CSU transfer Electives as needed to reach 60 CSU transferable units.  
**TOTAL UNITS: 60 units**

**All courses in the major area of emphasis are required to have a grade of "C" or higher, and a cumulative GPA of 2.0 must be achieved.**

**THEATER ARTS (THTR)**

**(REVISED CATALOG DESCRIPTION)**

**1 INTRODUCTION TO ACTING 3 UNITS**

This course prepares a student to apply basic acting theory to performance and develops the skills of interpretation of drama through acting. Special attention is paid to skills for performance: memorization, stage movement, vocal production, and interpretation of text. 3 hours lecture, 1 hour laboratory. Transfer: CSU; UC; CSU/GE: C1; AA/AS.

**(REVISED CATALOG DESCRIPTION)**

**2 INTERMEDIATE ACTING 3 UNITS**

This course follows Acting I and continues the exploration of theories and techniques used in preparation for the interpretation of drama through acting. The emphasis will be placed on deepening the understanding of the acting process through character analysis, monologues, and scenes. Prerequisite: THTR 1 (completed with a grade of "C" or higher). 3 hours lecture, 1 hour laboratory. Transfer: CSU; UC.

**(REVISED TITLE, CATALOG DESCRIPTION)**

**6 MOVEMENT FOR THE ACTOR 3 UNITS**

Work with a variety of physical techniques to help with the development of character, improve stage presence, command focus, be in control of the story when on stage and be more specific in your work as an actor or improviser. Techniques include use of mask, improvisation and stage combat. Students work together to create their own scenes and performance pieces based on the work in class. Prerequisite: THTR 1 or THTR 3 or THTR 5 or THTR 30A. 3 hours lecture, 1 hour laboratory. Transfer: CSU; UC.



**(REVISED CATALOG DESCRIPTION)**

**8 AUDITION TECHNIQUE 3 UNITS**  
Work on monologues and showcase scenes, cold reading technique. Students with interest in pursuing acting beyond the community college setting will work on preparations to audition for theater, film and four-year schools. Students will be expected to have a headshot taken at their own expense. Prerequisite: THTR 1 (completed with a grade of "C" or higher). 3 hours lecture, 1 hour laboratory.

**(REVISED CATALOG DESCRIPTION)**

**10 INTRODUCTION TO THEATER ARTS 3 UNITS**  
Focuses on the relationship of theater to various cultures throughout history, and on the contributions of significant individual artists. Introduces students to elements of the production process including playwriting, acting, directing, design, and criticism. Students will also survey different periods, styles and genres of theater through play reading, discussion, films, and viewing and critiquing live theater, including required attendance at theater productions. 3 hours. Transfer: CSU; UC; CSU/GE: C1; IGETC: Area 3A; AA/AS.

**(NEW COURSE)**

**16A INTRODUCTION TO DRAMATIC WRITING 3 UNITS**  
Introduction to the basic concepts of dramatic writing, including playwriting, screenwriting, radio plays, and electronic media scripts. This course focus on character development, the qualities of believability and dialogue. Strongly Recommended: Eligibility for ENGL 1A. 3 hours. Transfer: CSU.

**(NEW COURSE)**

**16B BASICS OF DRAMATIC WRITING 3 UNITS**  
This is a continuation of THTR 16A, with further exploration of modern dramatic writing forms. The course will focus on the completion of longer projects, including the 10-minute play and short film. Emphasis will be on dramatic tension and story-telling. Prerequisite: THTR 16A Strongly Recommended: ENGL 1A (completed with a grade of "C" or higher) 3 hours. Transfer: CSU.

**(NEW COURSE)**

**16C INTERMEDIATE DRAMATIC WRITING 3 UNITS**  
This is a continuation of THTR 16B, designed for students who wish to further develop their existing skills in dramatic writing. The emphasis of this course will be on developing longer works, with special attention to rising action and alternatives to Realism. Prerequisite: THTR 16B (completed with a grade of "C" or higher). Strongly Recommended: ENGL 1A (completed with a grade of "C" or higher). 3 hours. Transfer: CSU.

**(NEW COURSE)**

**16D ADVANCED DRAMATIC WRITING 3 UNITS**  
This is a continuation of THTR 16C, designed for students who wish to further develop their existing skills in dramatic writing. The emphasis of this course will be on developing longer works, with special attention to rising action and alternatives to Realism. Prerequisite: THTR 16C (completed with a grade of "C" or higher). Strongly Recommended: ENGL 1A (completed with a grade of "C" or higher). 3 hours. Transfer: CSU.

**(NEW COURSE, REPLACES THTR 20)**

**21 INTRODUCTION TO DESIGN FOR THE THEATER:  
EMPHASIS IN SET AND LIGHTS 3 UNITS**  
Students will be offered a survey of scenery, lighting, sound, costumes, makeup, properties, theatrical equipment and construction techniques

through demonstration, and laboratory experience. Information is applicable to all formal theatrical applications. THTR 21 makes a special emphasis on Scenic and Light design. 3 hours lecture, 1 hour laboratory. Transfer: CSU; UC.

**(NEW COURSE)**

**22 INTRODUCTION TO DESIGN FOR THE THEATER:  
EMPHASIS IN COSTUME AND MAKEUP 3 UNITS**  
Students will be offered a survey of scenery, lighting, sound, costumes, makeup, properties, theatrical equipment and construction techniques through demonstration, and laboratory experience. Information is applicable to all formal theatrical applications. THTR 22 makes a special emphasis on Costume and Makeup. 3 hours lecture, 1 hour laboratory. Transfer: CSU; UC.

**(NEW COURSE, REPLACES THTR 30)**

**30A INTRODUCTION TO EMERGING WORK 3 UNITS**  
Development of new plays for staged readings and/or productions. This class will develop and perform plays for an audience, with an emphasis on the evolution of the dramatic texts. Special projects, such as specific textural challenges, may be included. 3 hours. Transfer: CSU; UC.

**(NEW COURSE)**

**30B BASICS OF EMERGING WORK 3 UNITS**  
This is a continuation of 30A, the development of new plays and/or other special projects for production and/or readings. This course emphasizes character study and scene breakdown. Prerequisite: THTR 30A (completed with a grade of "C" or higher). 3 hours. Transfer: CSU; UC.

**(NEW COURSE)**

**30C EMERGING WORK: THE READING WORKSHOP 3 UNITS**  
This is a continuation of Theater 30B, as students further their skills in the development of new dramatic material. This course emphasizes character development and story arc, culminating in the staged reading, the reading workshop. Prerequisite: THTR 30B (completed with a grade of "C" or higher). 3 hours. Transfer: CSU; UC.

**(NEW COURSE)**

**30D EMERGING WORK: THE WORKSHOP  
PRODUCTION 3 UNITS**  
This is the capstone course of the THTR 30 track, where students continue to hone their skills in the development of new work and/or other special projects for the stage. This course will emphasize an actual staged production near the end of the term, with instruction in student directing, stage management, elemental production values of lights, sound and costumes Prerequisite: THTR 30C (completed with a grade of "C" or higher). 3 hours. Transfer: CSU; UC.

**(NEW COURSE, REPLACES THTR 47)**

**47A INTRODUCTION TO COLLEGE THEATER ACTING 3 UNITS**  
This course provides instruction and supervised participation in theater rehearsal and performance in main season production or project. Enrollment is for duration of the production. Enrollment by audition only. 9 hours laboratory. Transfer: CSU; UC; AA/AS.

**(NEW COURSE)**

**47B COLLEGE THEATER ACTING: THE BASICS 3 UNITS**  
This is a continuation of THTR 47A, as students further their acting skills in a college production. This course emphasizes character

development, along with objectives, actions and obstacles. Prerequisite: THTR 47A (completed with a grade of "C" or higher). 9 hours laboratory. Transfer: CSU; UC.

**(NEW COURSE)**

**47C COLLEGE THEATER ACTING: INTERMEDIATE 3 UNITS**  
This is a continuation of THTR 47B. for furthering a student's skill as an actor in a college production. Emphasis in this course will be on effective rehearsal techniques, generous responses, and ensemble building. Prerequisite: THTR 47B (completed with a grade of "C" or higher). 9 hours laboratory. Transfer: CSU; UC.

**(NEW COURSE)**

**47D COLLEGE THEATER ACTING: ADVANCED 3 UNITS**  
This is a continuation of THTR 47C, where students further develop their skills as actors in a college production. This course will emphasize the polish in performance, the evaluation of one's work and the development of a personal, creative process. Prerequisite: THTR 47C (completed with a grade of "C" or higher). 9 hours laboratory. Transfer: CSU. Transfer: CSU; UC.

**(NEW COURSE, REPLACES THTR 48)**

**48A COLLEGE THEATER TECHNICAL: INTRODUCTION 1-6 UNITS**  
Participation in scheduled productions as crew members and/or constructing its technical elements. Development of skills in the various technical areas involved in the presentation of a theatrical production. 3-18 hours laboratory. Transfer: CSU; UC; AA/AS.

**(NEW COURSE)**

**48B COLLEGE THEATER TECHNICAL: BEGINNING 1-6 UNITS**  
Participation in scheduled productions as crew members and/or constructing its technical elements. Application of skills in the various technical areas involved in the presentation of a theatrical production learned in preceding course. Prerequisite: THTR 48A. 3-18 hours laboratory. Transfer: CSU; UC.

**(NEW COURSE)**

**48C COLLEGE THEATER TECHNICAL: INTERMEDIATE 1-6 UNITS**  
Participation in scheduled productions as crew members and/or constructing its technical elements. Application of skills in the various technical areas involved in the presentation of a theatrical production learned in preceding course. Prerequisite: THTR 48B. 3-18 hours laboratory. Transfer: CSU; UC.

**(NEW COURSE)**

**48D COLLEGE THEATER TECHNICAL: ADVANCED 1-6 UNITS**  
Participation in scheduled productions as crew members and/or constructing its technical elements. Application of leadership skills in the various technical areas involved in the presentation of a theatrical production. Prerequisite: THTR 48C. 3-18 hours laboratory. Transfer: CSU; UC.

**(NEW COURSE, REPLACES THTR 50)**

**50A INTRODUCTION TO THEATER MANAGEMENT 1-6 UNITS**  
Introduction to the concepts involved in mounting a stage production, including those specific to various administrative tasks. This class will explore play selection, personnel, production meetings, organizational strategies, and budgeting, as well as publicity, promotions, and front-

of-house duties, such as ushering, box office, and house management. 1 hour lecture, 3-18 hours laboratory. Transfer: CSU; UC; AA/AS.

**(NEW COURSE)**

**50B THEATER MANAGEMENT: THE BASICS 1-6 UNITS**  
Continuation of THTR 50A, further developing skills in the management of a production. This course will emphasize the development of a marketing strategy for a specific project, as well as collaboration with other artists involved in the show. Also introduces budgeting and production timelines. Prerequisite: THTR 50A (completed with a grade of "C" or higher). 1 hour lecture, 3-18 hours laboratory. Transfer: CSU; UC.

**(NEW COURSE)**

**50C THEATER MANAGEMENT: INTERMEDIATE 1-6 UNITS**  
Continuation of THTR 50B, further developing skills in the management of a production. This class will emphasize the design, fabrication and distribution of printed materials for all the shows, including posters, programs and other printed resources. Prerequisite: THTR 50B (completed with a grade of "C" or higher). 1 hour lecture, 3-18 hours laboratory. Transfer: CSU; UC.

**(NEW COURSE)**

**50D THEATER MANAGEMENT: ADVANCED 1-6 UNITS**  
This is the capstone course in the THTR 50 track, further developing skills in the management of a production. This course emphasizes press releases, photographs, contacts with media sources, and ground work for increased visibility. It also includes student managers for the house and for the box office positions during the run of the shows. Prerequisite: THTR 50C (completed with a grade of "C" or higher). 1 hour lecture, 3-18 hours laboratory. Transfer: CSU; UC.

## TUTORING (TUTR)

**(REVISED TITLE; COREQUISITE)**

**1A BEGINNING TUTORING THEORY AND PRACTICE 1/2 UNIT**  
Training for college tutors to acquire specific skills and techniques for tutoring in academic and vocational subject matter areas and basic skills. Required course for tutors participating in Chabot College Learning Connection tutoring programs. Corequisite: TUTR 2A or equivalent. 1/2 hour/week or 9 hours total. Transfer: CSU.

**(NEW COURSE)**

**1B INTERMEDIATE TUTORING THEORY AND PRACTICE 1/2 UNIT**  
Intermediate training for college tutors to acquire specific skills and techniques for tutoring and leading study groups in academic and vocational subject matter areas and basic skills. Required course for tutors participating in Chabot College Learning Connection tutoring programs. Prerequisite: TUTR 1A (completed with a grade of "P" or higher). 1/2 hour/week or 9 hours total. Transfer: CSU.

**(NEW COURSE)**

**1C INTERMEDIATE-ADVANCED TUTORING THEORY AND PRACTICE 1/2 UNIT**  
Intermediate-advanced training for college tutors to acquire specific skills and techniques for tutoring in academic and vocational subject matter areas and basic skills. Required course for tutors participating in Chabot College Learning Connection tutoring programs. Prerequisite:

TUTR 1B (completed with a grade of "P" or higher). ½ hour/week or 9 hours total. Transfer: CSU.

**(NEW COURSE)**

**1D ADVANCED TUTORING THEORY AND PRACTICE ½ UNIT**

Advanced training for college tutors to acquire specific skills and techniques for tutoring in academic and vocational subject matter areas and basic skills. Required course for tutors participating in Chabot College Learning Connection tutoring programs. Prerequisite: TUTR 1C (completed with a grade of "P" or higher). ½ hour/week or 9 hours total.

**(NEW COURSE)**

**2A BEGINNING CONTENT-AREA TUTOR TRAINING ½ UNIT**

Beginning training for college tutors to acquire skills and techniques for tutoring in specific content areas. Required course for tutors participating in Chabot College Learning Connection tutoring programs. ½ hour/week or 9 hours total. Transfer: CSU.

**(NEW COURSE)**

**2B INTERMEDIATE CONTENT-AREA TUTOR TRAINING ½ UNIT**

Intermediate training for college tutors to acquire skills and techniques for tutoring in specific content areas. Required course for tutors participating in Chabot College Learning Connection tutoring programs. Prerequisite: TUTR 2A (completed with a grade of "P" or higher). ½ hour/week or 9 hours total. Transfer: CSU.

**(NEW COURSE)**

**2C INTERMEDIATE-ADVANCED CONTENT-AREA TUTOR TRAINING ½ UNIT**

Intermediate-advanced training for college tutors to acquire skills and techniques for tutoring in specific content areas. Required course for tutors participating in Chabot College Learning Connection tutoring programs. Prerequisite: TUTR 2B. ½ hour/week or 9 hours total. Transfer: CSU.

**(NEW COURSE)**

**2D ADVANCED CONTENT-AREA D TUTOR TRAINING ½ UNIT**

Advanced training for college tutors to acquire skills and techniques for tutoring in specific content areas. Required course for tutors participating in Chabot College Learning Connection tutoring programs. Prerequisite: TUTR 2C (completed with a grade of "P" or higher). ½ hour/week or 9 hours total. Transfer: CSU.

**(NEW COURSE)**

**31A CHABOTLINK BEGINNING PEER ADVISOR TRAINING 1 UNIT**

Beginning skills, techniques, leadership training, and information needed by peer advisors to help students gather information and explore practical strategies for academic success. College policies, campus resources, programs and services, student rights and responsibilities, general educational planning (including graduation and transfer requirements), major offerings, public speaking, listening strategies. Required for all peer advisors participating in the ChabotLink Program. Transfer: CSU.

## WELDING TECHNOLOGY (WELD)

**(REPEATABILITY REMOVED)**

<b>63</b>	<b>WELDING LAYOUT AND FITTING</b>	<b>2 UNITS</b>
<b>64A</b>	<b>BEGINNING ARC, FLUX-CORE WELDING AND BLUEPRINT READING</b>	<b>3 UNITS</b>
<b>64B</b>	<b>ADVANCED ARC, FLUX-CORE WELDING AND BLUEPRINT READING</b>	<b>3 UNITS</b>
<b>65A</b>	<b>BEGINNING TIG, MIG, AND BLUEPRINT READING</b>	<b>3 UNITS</b>
<b>65B</b>	<b>ADVANCED TIG, MIG, AND BLUEPRINT READING</b>	<b>3 UNITS</b>
<b>66</b>	<b>WELDING INSPECTION AND TESTING</b>	<b>2 UNITS</b>
<b>67A</b>	<b>WELDING SKILLS LABORATORY</b>	<b>2 UNITS</b>
<b>67B</b>	<b>ADVANCED WELDING SKILLS LABORATORY</b>	<b>2 UNITS</b>
<b>68</b>	<b>CERTIFICATION PREPARATION</b>	<b>½–2 UNITS</b>
<b>69A</b>	<b>FABRICATION AND INSTALLING PIPING SYSTEMS</b>	<b>3 UNITS</b>
<b>69B</b>	<b>ADVANCED PIPE WELDING</b>	<b>3 UNITS</b>
<b>70</b>	<b>INTRODUCTION TO WELDING</b>	<b>2 UNITS</b>
<b>71</b>	<b>WELDING FOR ARTISTS</b>	<b>2 UNITS</b>

## WORK EXPERIENCE (WEXP)

**(REPEATABILITY REMOVED)**

<b>95</b>	<b>WORK EXPERIENCE</b>	<b>1–3 UNITS</b>
<b>96</b>	<b>WORK EXPERIENCE SEMINAR</b>	<b>1 UNIT</b>

### CHANGES TO PAGES 210–215

**(CORRECT UNIVERSITY)**

BUCHWALD, NORMAN L., 2000; B.A., California State University, Northridge; MFA, Colorado State University; MLIS, University of California, Los Angeles; Librarian.

**(CORRECT DEGREE INFORMATION)**

MENDOZA, CHRISTINA., 2010; B.A., University of Texas at San Antonio; M.A., Ph.D., University of Michigan; Sociology.

**(CORRECT DEGREE INFORMATION)**

REYNOSO, PEDRO, 2009; B.S., Cal Poly San Luis Obispo; MLIS, San Jose State University; Librarian.

**(CORRECT DEGREE INFORMATION)**

SHANNON, PATRICIA D., 2002; B.A., Michigan Technological University; M.A., Ph.D., Graduate Theological Union; Humanities and Religious Studies.

**(ADD)**

WASHINGTON, TAMESHA E. 2013; B.S., California State University, Hayward; M.S., San Francisco State University; Nursing.

**FACULTY EMERITI**

**(ADD)**

JAIME J. FLORES, Instructor	1969-02
VICTOR W. CHEN, Dean of Social Sciences/Instructor	1970-02
KATSUSHIGE KAJIWARA, Instructor	1981-12

