

Chabot College Curriculum Committee Minutes February 2, 2016

Co- Chair: Kim Morrison and Dara Greene

Voting Member Present: Aaron Deetz, Dara Greene, Mireille Giovanola, Lynn Klein, Arturo Lopez Yanez, Bruce Mayer, Gareth Scott and Connie Telles
Absent:

EX Officio Members Present: Jane Church

Guests: Shannon Stanley, new rep for Psychology/Counseling and Deanne Kunkel, Interim Dean Social Sciences

Minutes by: Catherine Gentiluomo

Agenda Item	Discussion	Action Items
1. Call to order	2:20 by Kim Morrison, Chair	
	D. Greene will now be the co-chair of the committee. This will be her last official voting meetings. She introduced Shannon Stanley as the new division representative and articulation officer. Curriculum & Student Learning Outcome Specialist; new position was approved on December Board. VP Thompson was completing the request to post this week.	
2. Minutes 12/07/2015	Minutes were reviewed and approved as corrected.	J. Church to post to website
3. Presentation		
Bruce Mayer	The Math 202 did not make the board report. This was the <i>Math Jam</i> course for Summer 2016 fully grant funded. The course cannot be taught this summer as we will not have the opportunity for committee approval and state approval. D. Kunkel discuss the decision at the Dean's meeting would be this coursework be included in Math 122 for summer grant funded Math Jam session.	
	Board agenda included Math 43 which had not been approved by the committee. This course was tabled for future discussion.	J. Church will notify the Board.
Dara Green representing Science/Math	California course Identification number (C-ID) was discussed for the math courses listed. The courses require specific language to meet transfer standards as well as the outline updates for the dates and typical assignments clarified	D. Greene, J. Church and course originator (Mark?) to meet and update prior to next meeting.

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Agenda Item	Discussion	Action Items
4. Vote on Remaining Courses from Fall 2016 Cycle	K. Morrison thanked the committee members for reviewing the listing prior to the meeting. All courses received six to seven reviews.	
New Programs	Committee discussed if a new program could include courses not approved. The course/program can be approved together. The catalog committee has still not been established. Can these programs be in the new catalog or will they be listed in addendum?	<p>D. Greene will send email to research other schools for establishment of catalog committee members. K. Morrison will discuss at Faculty Senate and with VP Thompson.</p> <p><i>Motion to approve the programs listed MCOM 9(Colloquium Mass Communications), Interior Design (AS), Interior Design (COA) and Kitchen and Bath Design (COA) Approved 8-0</i></p>
Fall 2016 Consent Voting Listing	Cleanup list was updated: Bus 93 was a modification not new course. Math 43 should not be on the list.	<p><i>Motion to approve new courses, updates, modifications and deactivations as listed. Approved 8-0</i></p> <p>J. Church to submit to the Board for approval for Fall 2016</p>
5. Voting Level 4.0	None	
6. AA/GE presentation and vote. Dara Green	Associate Degree: <i>Criteria for General Education and Graduation Requirements</i> was reviewed and discussed. The current <i>General Education & Graduation Requirements for AA/AS degree</i> listing was provided and reviewed. The committee is charged with reviewing the request from originators for course addition to the General Education requirement listing to be sure the course meets the standards as set in the five sections. The majority of sections are designed as Title 5 requirements. Section A.2, Wellness, and American Institution were developed by Chabot Faculty. The committee acknowledged cross listed (CL) courses would	<p>D. Greene will communicate the final votes to the course originators. She will explanation if the course was a not approved by the committee.</p> <p>The Board listing will be reviewed and updated based on the following approvals.</p>

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Agenda Item	Discussion	Action Items
	be included in any General education listing approval. Would the committee review the current listing for accurate placement of courses was discussed. The committee will review individual courses as they are submitted to the committee for updates instead of a comprehensive review of the listing.	
7. Voting List for AA/AS GE Effective Fall 2016	KINE 24 (Cross listed FT 7) is requesting addition to GE E.1 Health	<i>Motion to approve this course and cross listed course as an addition to the General Education. Seconded and Voted Approved 8/0</i>
	ARCH 80 is requesting GE Area C Humanities.	<i>Motion to approve this course as an addition to the General Education. Seconded and Voted. Disapproved 0/8</i>
	ARCH 33 is requesting GE Area A2 (AA Degree) and A3 (AS Degree).	<i>Motion to approve this course as an addition to the General Education. Seconded and Voted Disapproved 3/5</i>
	ARCH 68 (CL ID 68) is requesting GD Area A2 (AA Degree) and A3 (AS Degree).	<i>Motion to approve this course as an addition to the General Education. Seconded and Voted Approved 5/3</i>
	HLTH 40 is requesting GE Area 31. Area of Health.	<i>Motion to approve this course as an addition to the General Education. Seconded and Voted Disapproved 0/8</i>
Voting Member Bruce Mayer absent for balance of votes.	MUSC 40 is requesting GE Area C Humanities.	<i>Motion to approve this course as an addition to the General Education. Seconded and Voted Approved 4/3</i>
	MUSP 13, MUSP 15, MUSP 52, MUSP 51 are requesting GE Area C Humanities.	<i>Motion to approve this course as an addition to the General Education. Seconded and Voted Disapproved 3/4</i>
	ENSC 15, ENSCL are requesting GE Area B Natural Science	<i>Motion to approve this course as an addition to the General Education. Seconded and Voted Approved 7/0</i>

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Agenda Item	Discussion	Action Items
	ES 21, ES 22 and ES 25 are requesting GE Area D Social and Behavioral Sciences and Area F, American Institutions	<i>Motion to approve this course as an addition to the General Education. Seconded and Voted Approved 7/0</i>
	ID 52 is requesting GE Area C Humanities.	<i>Motion to approve this course as an addition to the General Education. Seconded and Voted. Approved 7/0</i>
8. Curriculum Course Tracking	Faculty will be reminded to personally track their submitted courses through the approval process. If updates are required (IN RED) please re-launch their course(s). The course should be at Level 4 (committee approval) by the calendar date set and posted on our website for division presentations.	Division representatives to discuss at next Division Meeting.
9. Dean Support Level	The committee discussed the current approval path (pyramid). Changes, updates, modification or new courses should be discussed with the dean prior to any submission on the system. The dean is currently listed as an approval on Level 1. Many courses are being held up by the dean review and approval. The committee discussed if this was the correct standing for an administrator. Should the approval be changed to review only and as a part of the faculty academic freedom the courses should not be delayed or disapproved by a dean once in the process OR should the dean approval standing be moved to Level 4. LPC currently has the dean at level 4. Several members felt the dean input at Level 1 was appropriate and helpful as they have an overall understanding of the division programs.	<i>Motion to change the current approval process for the dean to Level 1 review only. Seconded and Voted. Approved 7/0</i>
	SLO/CLO approval was discussed. The course will not move through the system without the attachments, however the committee is not reviewing the content of the CLO/SLO. This SLO committee is working to create standard language and requirements to link with <i>CurricUNET</i> . Can we add a review of the actual SLO/CLO by the SLO/CLO chairperson or division representative at Level 1?	D. Greene will check with SLO Chairperson Julie Coan about the standards for SLO/CLO and review of the attachments.

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Agenda Item	Discussion	Action Items
10. Good of the Order		
11. Adjournment	Meeting was adjourned at 4:00 PM.	
	Next meeting scheduled for Tuesday, February 16, 2016	Minutes reviewed, corrected and approved on February 16, 2016 meeting.

CONSCENT VOTING LISTING: Courses listed below have been reviewed by at least 5 Curriculum Committee voting members. There were no compelling comments to dictate a more thorough review. Suggested edits will be completed as part of the approval process 2/2/2015: END of Fall 2015. (1/19/16)
rev (2/2/15 @ 11am)

COURSE	COURSE/PROGRAM STATUS IF OTHER THAN MODIFIED	# of REVIEWERS	COMMENTS
ARTS/HUMANITIES SOTA PROPOSALS			
MCOM 9 Colloquium-Mass Communications		7	this probably should NOT be listed as a Text Book "USB drive, access to radio and the Internet" Prerequisite: none? Typical Assignments: A. do you mean "on the tenets"?
Interior Design (AS)		7	For 1-1/2 more units it could be a certificate of achievement, which shows up on the student transcript, whereas, the Cert of Prof does not. The Rationale does explain WHY this is needed: Deleting INTD 66 and adding INTD 48 NO PLO's Attached (NOW ATTACHED)
Interior Design (COA)		7	For the committee: Is a sentence or two about employment options required in the opening description? PLOs ought to be attached. (NOW ATTACHED)
Kitchen and Bath Design (COA)		7	The Rationale does explain WHY this is needed: Deleting INTD 66 and adding INTD 48 NO PLO's Attached (NOW ATTACHED)
BUS/TECH PROPOSALS			
BUS 93:QuickBooks	NEW COURSE	7	CLO IS ATTACHED
CAS 69 Introduction to Information Systems Security (Security+)		6	NO COMMENTS
CAS 70 Computer Keyboarding/Formating		7	NO COMMENTS
CAS 71 Keyboarding & 10 Key	NEW COURSE	7	Minor: correct typos under Course contents and Lab contents.
CAS 74 Introduction to Linux/Unix	NEW COURSE	6	NO COMMENTS
CAS 75 Introduction to Cybersecurity: Ethical Hacking (Whitehat Hacker)	NEW COURSE	6	NO COMMENTS
CAS 76 Wireshark, TCP/IP	NEW COURSE	6	NO COMMENTS

Analysis and Network			
CAS 85 Cloud Infrastructure and Services	NEW COURSE	6	under Lab Content "File-level Storage" should be file-level storage. A MINOR TYPO
CAS 86 Information Storage and Management	NEW COURSE	5	NO COMMENTS
CAS 89 Intro Desktop Publish Pagemaker	DEACTIVATE COURSE	7	NO COMMENTS
CAS 92A Introduction to Networks		6	NO COMMENTS
CAS 92B Routing and Switching Essentials		6	NO COMMENTS
CAS 92C Scaling Networks		6	NO COMMENTS
CAS 92D Connecting Networks		6	NO COMMENTS
CAS 9901 Intro for Microsoft Word	DEACTIVATE	6	
ESYS 62 Internet of Things: Home Technology Systems		7	NO COMMENTS
FT 7 Health and Fitness for the Fire Service	NEW COURSE CROSS LISTED WITH KINE	6	NO COMMENTS
HEALTH/NURSING/DENTAL HYGIENE/MEDICAL ASSISTING			
MEDA 70A Clinical Skills For The Medical Assistant I -		7	I'm not clear on Measurable Objective #1,
MEDA 70B Clinical Skills For The Medical Assistant 2		7	Description: Strongly Recommended. HLTH 51B... completed... (correct typo)
MEDA 75 Administration of Medications for the Medical Assistant		7	Is there a replacement text for the one that was deleted? Is there a replacement text for the one that was deleted?
LANGUAGE ARTS			
ENGL 101B Reading, Reasoning and Writing II		7	NO COMMENTS
ENGL 1A Critical Reading and Composition		7	Prerequisites: Should completion of 101B, 102 be successful?
ENGL 24 Storytelling in Modern American Novels and Films		7	Typical Assignments: C. 5-page Methods of Evaluating: D and E are duplicates.
ENGL 25 Asian-American Literature		7	NO COMMENTS
ENGL 26 The Literature of Immigration and Migration		7	NO COMMENTS
ENGL 31 Introduction to Gay and Lesbian Literature		7	Appears that SLOs are from ENGL 32

ENGL 4 Critical Thinking and Writing about Literature		7	Methods of Presentation: I don't understand how 4-7 fit under this heading. Methods of Evaluating...: Are A and B methods?
ENGL 48 The Literature of the Holocaust		7	NO COMMENTS
ENGL 7 Critical Thinking and Writing across Disciplines		7	Methods of Evaluating Student Progress: I am not sure how A. and B. are "methods" in this context.
ENGL 70 Report Writing		7	Strongly Recommended: please get rid of "or"
PSYCHOLOGY-COUNSELING			
PSCN 4 Multiethnic/Cultural Communication		7	NO COMMENTS
PSCN 21 Strategies for College Success		7	Typical Assignments: A. Scavenger-hunt (correct typo, 1st line); where (correct typo, 3rd line). Delete "1) Journal & Discussion entry". B. Punctuation? C. Address students directly.
PSCN 22 College Success Series		7	NO COMMENTS
PSCN 36 Women in Transition		7	Course Content: please alphabetize. Typical Assignments: address students directly.
SCIENCE/MATH			
CHEM 30B Intro and Applied Chemistry II		7	NO COMMENTS
MTH 1 Calculus I		7	NO COMMENTS
MTH 43 Introduction to Probability and Statistics	TABLED		TABLED
PHYS 25 Computational Methods for Engineers and Scientists	CROSS LISTED WITH MTH 25/ENGR 25	7	typical assignments too complicated; too many textbooks Course Content (Lecture) 5.A. pseudocoding. 9.B. Simpson's rule. Course Content (Lab) 3.A. pseudocode. Typical Assignments: B: please correct typos. F. end of 3rd line from bottom, erase "a". G. 3rd line: period before Obtain. I. Rephrase 2nd sentence.
SOCIAL SCIENCES			
ECD 11 Exploring Education		7	I agree with Mireille's comments. Note that textbook #4 starts with the year.

			<p>Measurable Objectives: 13. a, b, d: restructure text.</p> <p>Textbooks: 3. Keeley is the last name, so Keeley, Page and Cheryl M. Rose... Note: 2006 IS the latest edition.</p> <p>Mathematics Framework: 2005/2006 IS the latest edition.</p>
ECD 52 Childhood and Adolescence		7	<p>Textbook: there's a 12th edition of Laura Berk's Child Development. Please update.</p>

ASSOCIATE DEGREE: CRITERIA FOR GENERAL EDUCATION AND GRADUATION REQUIREMENTS.

AREAS A-D BELOW ARE DEFINED BY TITLE 5

Students receiving an Associate Degree shall complete a minimum of 18 semester units of general education, including a minimum of three semester units in each of the areas Natural Science (B), Humanities (C) and Social and Behavioral Sciences (D) and the same minimum in each pair of Language and Rationality (A). The remainder of the unit requirement is also to be selected from among these four divisions of learning or as determined by local option.

A. LANGUAGE AND RATIONALITY:

Courses in language that cover the principles and application of language toward logical thought, clear and precise expression and critical evaluation of communication in whatever symbol system the student uses.

A.1. English Composition (AA/AS)

Courses fulfilling the written composition requirement shall be designated to include both expository and argumentative writing.

A.2. Writing and Critical Thinking (Chabot requirement AA only)

Courses in this area will be those, from any discipline, that enable students to grasp another's argument and construct an argument of their own. These courses will emphasize reading and writing that will enable students to:

- Question
- Analyze
- Synthesize, and
- Evaluate ideas at the college level

Courses in this area further will enable students to:

- Recognize the need for information
- Find information
- Evaluate information
- Use information, and
- Communicate information in all its various formats

Finally, courses in this area will:

- Require application of both critical thinking and communication skills
- Combine aspects of library literacy, research methods, and technological literacy, and
- Consider the ethical and legal implications of information use.

A.3. Communication and Analytical Thinking (AA/AS)

Courses fulfilling the communication and analytical thinking requirement include oral communication, mathematics, logic, statistics, computer languages and related disciplines.

B. NATURAL SCIENCE: (AA/AS)

Courses in natural science are those which examine the physical universe, its life forms, and its natural phenomena. To satisfy the General Education Requirement in natural sciences, a course shall be designed to help the student develop an appreciation and understanding of the scientific method, and encourage an understanding of the relationships between science and other human activities. This category would include introductory or integrative courses in astronomy, biology, chemistry, general physical science, geology, meteorology, oceanography, physical geography, physical anthropology, physics and other scientific disciplines.

C. HUMANITIES: (AA/AS)

Courses in the humanities are those which study the cultural activities and artistic expressions of human beings. To satisfy the general education requirement in the humanities, a course shall be designed to help the student develop an awareness of the ways in which people through the ages and in different cultures have responded to themselves and the world around them in artistic and cultural creation and help the student develop aesthetic understanding and an ability to make value judgments. Such courses could include introductory or integrative courses in art, foreign language, literature, philosophy, and religion.

D. SOCIAL AND BEHAVIORAL SCIENCES: (AA/AS)

Courses in the social and behavioral sciences are those which focus on people as members of society. To satisfy the general education requirement in social and behavioral sciences, a course shall be designed to develop an Awareness of the methods of inquiry used by the social and behavioral sciences. It shall be designed to stimulate critical thinking about the ways people have acted in response to their societies and should promote appreciation of how societies and social subgroups operate. This category would include introductory or integrative survey courses in cultural anthropology, cultural geography, economics, history, political science, psychology, sociology, and related disciplines.

E. WELLNESS (Chabot requirement-AA/AS)

Areas of Health Education

Courses which meet the Health requirement should include the following:

1. Holistic Health-integrating physical, psychological, social and spiritual life factors for the individual and for society and how they relate to the quality of life.
2. Life-long learning-promote intellectual and physical well-being in daily life choices, with emphasis on the value of well and prevention toward longevity.
3. Behavior Modification-critically evaluation personal health choices, incorporating positive Health changes based on informed choices regarding disease prevention, healthy living, and personal choices.
4. Mind/Body Connection-stimulate awareness in the individual of the relationship between the whole person and optimal health.
5. Health Care Choices-identify factors that relate to making informed health care choices that benefit the individual and society.

Physical Education (AA/AS)

Courses which meet the Physical Education requirement are those designed to do the following:

1. Develop an awareness of the importance of a healthy lifestyle through physical activity.
2. Focus on the development of overall well-being through physical activity.
3. Enable student to incorporate key principles of healthy lifestyle and physical activity into their own lives to ensure quality of life.

F. AMERICAN INSTITUTIONS: (Chabot requirement-AA only)

Chabot College's American Institutions requirement is based on the guidelines established for CSU by CSU Executive Order No. 405. (*Note: Courses which meet any of the criteria below would qualify, however since Chabot aligns this requirement with CSU, CSU would also need to approve the course*).

Description of requirements for courses approved to meet this requirement for CSU. The U.S. History, Constitution and American Ideals requirement appears on CSU/GEB and IGETC (CSU requirement).

A. Any course or examination which addresses the historical development of American institutions and ideals must include all the subject matter elements identified in the following subparagraphs of this paragraph I.A. Nothing contained herein is intended to prescribe the total content or structure of any course.

1. Significant events covering a minimum time span of approximately one hundred years occurring in the entire area now included in the United States of American, including the relationships of regions within that area and with external regions and powers as appropriate to the understanding of those events within the United States during the period under study.
 2. The role of major ethnic and social groups in such events and the contexts in which the events have occurred.
 3. The events presented within a framework which illustrates the continuity of the American experience and its derivation from other cultures including consideration of three or more of the following: politics, economics, social movements, and geography.
- B. Any course or examination which addresses the Constitution of the United States, the operation of representative democratic government under that Constitution, the process of California State and local government must address all of the subject matter elements identified in the following subparagraphs of this paragraph I.B. Nothing contained herein is intended to prescribe the total content of structure of any course.
1. The political philosophies of the framers of the Constitution and the nature and operation of United States political institutions and processes under that Constitution as amended and interpreted.
 2. The rights and obligations of citizens in the political system established under the Constitution
 3. The Constitution of the State of California within the framework of evolution of Federal-State relations and the nature and processes of State and local government under that Constitution.
 4. Contemporary relationships of State and local government with the Federal government, the resolution of conflicts and the establishment of cooperative processes under the constitutions of both the State and nation, and the political processes involved.

G. AMERICAN CULTURES: (AA/AS)

Courses meeting the American Cultures requirement must satisfy the following:

1. A historical overview of society, culture, race and ethnicity, with specific attention to at three of the following groups: Native Americans, African Americans, European Americans, Asian/Pacific Islander Americans, Chicano/Latino Americans, and Middle Eastern Americans, presented in an integrative and comparative nature. This includes the rich expressions of American's diverse identities, experiences, voices and unique contributions across disciplines.
2. Areas of (but not limited to) gender, major institutions, class, and age, within the social, cultural, political, and historical context of the diverse American experience.
3. An integrative and comparative pedagogy open to all disciplines provided the course satisfies the content and intent of American Cultures.
4. A goal of developing cultural competence, defined as: (a.) knowledge and openness about one's own cultures; (b) an appreciation of cultural and racial diversity as it applies to differences in the "American Experience"; (c) the socio-historical perspective and flexibility needed to bridge cultural gaps, gained through academic study; (d) knowledge of the heterogeneity even within ethnically and racially diverse populations. i.e. all African Americans are not alike; and (e) tools for application of these competencies within students' own communities.

H. MATH PROFICIENCY: (Title V requirement-AA/AS)

Referencing California Community Colleges, Title V, Section 55805.5 Barclay Education Codes; "All mathematics courses above and including elementary Algebra shall be acceptable and approved by Curriculum Committee at Chabot College. (Note: Starting in Fall 2009, the Title V Ed Code has changed to "all mathematics courses above and including intermediate Algebra ...")



Chabot College
**GRADUATION REQUIREMENTS
 ASSOCIATE IN SCIENCE
 2015-2016**
EFFECTIVE FALL 2015, SPRING 2016, SUMMER 2016



A student is eligible for graduation with the ASSOCIATE IN SCIENCE DEGREE after completing all General Education requirements and all MAJOR requirements, plus electives (if necessary) to total 60 semester units of work with a cumulative grade point average of 2.0 or better. All classes in the major have to be completed with a "C" grade of higher or "P" (Title V:55063) The General Education and Graduation Requirements for the Associate in Arts Degree are listed on this flyer.

DEGREE PROGRAMS USING THE ASSOCIATE IN SCIENCE GENERAL EDUCATION PATTERN

Accounting Administrative Assistant Architecture Automotive Technology Automotive Technology – BMW Business –General Business-Emphasis, Management Business-Emphasis, Marketing	Chemistry Computer Science (General) Computer Science–Math Electronic Systems Technology Engineering Fire Technology Fire Prevention Inspector Human Services	Industrial Technology Interior Design Machine Tool Technology Mathematics Numerical Control Retail Management Software Specialist Welding Technology
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GENERAL EDUCATION AND GRADUATION REQUIREMENTS CHECK List

Area A: LANGUAGE & RATIONALITY	<i>Completed</i>
A.1. English Composition	3 units []
A.2. Communications & Analytical Thinking	3 units []
Area B: NATURAL SCIENCE	3 units []
Area C: HUMANITIES	3 units []
Area D: SOCIAL & BEHAVIORAL SCIENCES	3 units []
Area E: WELLNESS	
Areas of Health and Physical Education	1 unit []
American Cultures (grade of "C" or higher is required) - Course can be counted in appropriate GE area	[]
Math Proficiency (grade of "C" or higher is required). Units can be counted in Communication and Analytical Thinking -Area A.3.	[]

See the back for the list of courses to satisfy each area. Except for American Cultures and Math Proficiency, courses may be used in only one area.

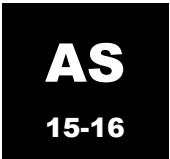
ADDITIONAL GRADUATION REQUIREMENTS:

1. All requirements for the major must be met with a grade of 'C' or 'P' or higher, plus electives to total 60 semester units, overall GPA of 2.0 or better is necessary. Title V: 55063)
2. In reference to unit requirements the Title V regulations state that at least 12 semester units must be completed in residence at the college granting the degree.
3. CHABOT RESIDENCY REQUIREMENT: Students earning a certificate, AA or AS Degree in an Occupational Technical area must complete a minimum of 12 units in residency at Chabot College within the major or certificate program. Students in articulated degree transfer or Liberal Arts programs will need a total of 12 units in residency at Chabot College in general education, major and/or elective courses. See Engineering major for specific residency requirements.
4. All courses in the major need to have at least a grade of "C" or "P" or higher. There are limitations on the number of "P" units allowed for the degree. See the catalog.
5. All official college transcripts from other colleges must be submitted to the Admissions and Records Office before a graduation evaluation may be completed.

OTHER GRADUATION INFORMATION:

1. Commencement exercises are held in late May or early June. All students receiving degrees during the current academic year are cordially invited to participate.
2. Students may receive degrees or certificates at the end of any semester or the summer session. Students must petition no later than the fifth instructional week of the semester in which they plan to complete the requirements. The "Request for course evaluation for AA/AS degree or certificate" forms are available at the Admission & Records Office or on the website.

The material in this publication has been prepared from the 2014-16 catalog. However, Chabot College does not assume responsibilities for inaccuracies or changes in the information contained herein after the date of publication. *(rev 5/12/15 dg)*



CHABOT COLLEGE – General Education & Graduation Requirements
for ASSOCIATE IN SCIENCE DEGREE
Effective Fall 2015, Spring 2016, Summer 2016

USE THE BOXES AT THE RIGHT TO RECORD YOUR PROGRESS: C=COMPLETED IP=IN PROGRESS N=NEED			
			C IP N
LANGUAGE AND RATIONALITY			
A.1. ENGLISH COMPOSITION Complete 1 course from below with a grade of "C" or higher (Title V §55063)			3 units
English 1A			
A.2. Communication and Analytical Thinking Complete 1 course from below (*may be used to fulfill one area only)			3 units
Business 14, 16, 31 Chinese 1A*, 1B* Communication Studies 1, 2*, 10, 11*, 20, 46 Computer Application Systems 50, 92A, 92B, 92C, 92D Computer Science 8, 10, 14, 15, 19A English 70	Entrepreneurship 30 French 1A*, 1A1*, 1A2*, 1B*, 1B1*, 1B2*, Geography 20*, 21*, 22* German 1A*, 1B* History 5*, 12* Industrial Technology 74 Italian 1A*, 1B*	Japanese 1A*, 1B* Mass Communications 43, 44 Mathematics 1, 2, 15, 16, 20, 31, 33, 36, 37, 40, 41 43, 47, 53, 53A, 53B, 54, 54L, 55, 55L, 57, 65, 65L Psychology 5 Spanish 1A*, 1A1*, 1A2*, 1B*, 1B1*, 1B2* Theater 3, 7*	
B. NATURAL SCIENCES Complete 1 course from below. (A lab is not a requirement, however, underlined courses denote a lab) (*may be used to fulfill one area only)			3 units
Anatomy 1 Anthropology 1*, 1L, 13 Astronomy 10, 20, 30 Biology 2, 4, 6, 10, 25, 31, 50 Biotechnology 20, 30, 40	Chemistry 1A, 8, 10, 30A, 30B, 31 Environmental Science 10, 11, 12 Geography 1*, 1L, 8, 13, 20*, 21*, 22* Kinesiology 2 Microbiology 1	Physical Science 15 Physics 2A, 3A, 3B, 4A, 4B, 4C, 5, 11 Physiology 1 Psychology 4*	
C. HUMANITIES Complete 1 course from below (*may be used to fulfill one area only)			3 units
Architecture 2A, 2B, 4A, 4B, 8A, 8B, 12, 14, 16 Art 2A, 3A, 16A, 17A, 22, 23, 24, 54, 56, 57, 58, 59 Art History 1, 4, 5, 6, 7, 8, 20, 50A, 51A Chinese 1A*, 1B* Communication Studies 2, 5, 6 English 11A, 12A, 13A, 20, 21, 22, 24, 25, 26, 28, 31, 32, 35, 41, 45, 48 Film 14, 50, 60 French 1A*, 1A1*, 1A2*, 1B*, 1B1*, 1B2*, 2A, 2B	General Studies 31 German 1A*, 1B*, 2A*, 2B* History 1*, 2* Humanities 50, 60, 65, 68, 72 Italian 1A*, 1B*, 2A*, 2B* Japanese 1A*, 1B* Music (MUSL) 1, 2A, 2B, 2C, 2D, 3, 4, 5, 8 Music (MUSP) 12, 14A, 44, 45	Philosophy 50, 60, 65, 70 Photography 20, 50, 53A Religious Studies 50, 64, 65, 70, 72 Sign Language 64, 65, 66 Spanish 1A*, 1A1*, 1A2*, 1B*, 1B1*, 1B2*, 2A, 2B, 5 Theater Arts 1, 4, 7*, 10, 11, 12, 21, 22, 47A, 48A, 50A	
D. SOCIAL AND BEHAVIORAL SCIENCES Complete 1 course from below (*may be used to fulfill one area only)			3 units
Administration of Justice 45, 50, 60, 70 Anthropology 1*, 2, 3, 4, 5, 7, 8, 12 Business 12, 17, 20, 36, 40, 42 Communication Studies 11*, 12, 50 Early Childhood Development 40, 52, 56, 62, 69, 79, 87	Economics 1, 2, 10 Entrepreneurship 1, 5 Ethnic Studies 1, 2, 3 Geography 1*, 2, 3, 5, 10, 12, 21*, 22* Health 8 History 1*, 2*, 3, 4, 5*, 7*, 8*, 12*, 19, 20*, 21*, 22*, 25*, 27*	Mass Communications 40, 41 Political Science 1*, 10, 12*, 20, 25, 30, 45 Psychology 1, 2, 3, 4*, 6, 8, 12, 33, 45 Psychology-Counseling 1, 4, 13 Sociology 1, 2, 3, 4, 5, 6, 8, 10, 30	
E. WELLNESS (AREAS OF HEALTH or PHYSICAL EDUCATION)			1 unit
These are 3 units classes below. Early Childhood Development 54 Health 1, 4 Kinesiology 14, 19 Nutrition 1	OR Any Physical Education activity course with a rubric of: ADPE, ATHL, DANC, PEAC or FT 88A, 88B, 88C, 88D (Total 1 unit) <i>*Students who hold an AA/AS Degree or higher are exempt. Exemption is allowed for illness or physical disability. You must file a "Request for Course Substitution or Waiver" petition, available in the Counseling Office. You will need to provide a physician's statement. See a counselor for assistance.</i>		
F. PROGRAM -BASED GENERAL EDUCATION REQUIREMENT: Complete a 1 course as determined under the specific AS Degree			3 units
For the program-based selections for specific Associate in Science degrees, see each AS Degree program page in the catalog.			
AMERICAN CULTURES: Complete 1 course from below with a grade of "C" or "P". Where appropriate, the course can simultaneously satisfy 1 other graduation requirement. See note below. **			
Anthropology 5 Art History 7 Communication Studies 11 Early Childhood Development 79 English 26, 32 Ethnic Studies 1	History 5, 7, 8, 12, 27 Humanities 65 Music (MUSL) 8 Psychology-Counseling 1, 4, 13 Sociology 1, 3, 30	**Courses taken at Las Positas, even with the same course name and number, may not satisfy this requirement. See a counselor for assistance.	
MATHEMATICS PROFICIENCY: Effective for all students admitted (or returning) Fall 2009 or thereafter, completed with a grade of "C" or "P" or higher (Title V §55063). Proficiency in mathematics must be demonstrated by either:			
1. Passing the Math Proficiency Test (See Math Division Office, Building 2000 for information) or 2. Psychology 5, Mathematics 1, 2, 15, 16, 20, 31, 33, 36, 37, 41, 43, 47, 53B, 54, 54L, 55, 55L, 57			