

**EL CAMINO COLLEGE**  
**MINUTES OF THE COLLEGE CURRICULUM COMMITTEE**  
**November 26, 2013**

Present: F. Arce, S. Bartiromo, T. Bui, W. Brownlee, A. Cornelio, B. Flamenno,  
L. Houske, L. Kjeseth, R. Klier, S. Kushigemachi, M. Lipe, V. Nemie, D. Pahl

Absent: S. Bosfield, E. French-Preston

Ex-Officio Members Present: Q. Chapman

Ex-Officio Members Absent: S. Ecklund, G. Florimon, M. Hall, J. Simon, L. Suekawa

Guests: D. Berney, M. Chaban, C. Daniel-DiGregorio, D. Hayden, T. Lew, L. Linka,  
A. Micallef, J. Padilla, V. Rapp, P. Santelman, J. Shankweiler, P. Sorunke, P. Vacca

**CALL TO ORDER**

Chair Lipe called the College Curriculum Committee (CCC) meeting to order at 2:35 p.m.

**VICE PRESIDENT'S REPORT**

F. Arce expressed his appreciation for the committee's efforts in identifying courses requiring inactivation. F. Arce informed the committee that C. J. Steinhauer, Superintendent of the Long Beach Unified School District, has advised faculty to be conservative with establishing repeatability designation "abcd" course sequences. There is concern with enrichment courses such as fine arts and physical education courses. The number of course audits has sky rocketed and the state is considering increasing the fee for class audits.

**APPROVAL OF MINUTES**

The minutes from the October 22<sup>nd</sup> meeting were sent via email and approved by the committee.

**APPROVAL OF STANDARD TECHNICAL REVIEW/CONSENT AGENDA PROPOSALS**

Chair Lipe called for a motion to approve the Standard Technical Review/Consent Agenda proposals. L. Kjeseth moved, W. Brownlee seconded, and the motion passed unanimously. In addition, a motion was called to approve the proposed course inactivations. D. Pahl moved, L. Houske seconded, and the motion passed unanimously.

**CURRICULUM REVIEW – Full Course Review Proposals**

**Fine Arts Division**

The Fine Arts Division is proposing to add one new art course, three new dance courses and one new music course to their curriculum. The committee recommended the following changes to the course outline of records:

### Dance 171A, 171B, 271A, and 271B

P. Santelman concurred with the committee's recommendation to change the course titles for the dance choreography courses as follows: Dance 171A Beginning Choreography A, Dance 171B

Beginning Choreography B, Dance 271A Intermediate Choreography A, and Dance 271B Intermediate Choreography B.

### Art History A.A. Degree Option

- Remove Art 112abcd from the restricted electives area.

### Dance A.A Degree

- Move Dance 250 to Major Requirements under Theory section.

### Graphic Design/Visual Communications Certificate of Achievement

The committee asked Q. Chapman to check Taxonomy of Programs (TOPs) Code. The Arts Department was advised to consider changing the title to "Visual Communications Certificate of Achievement".

### Studio Art A.A. Degree Option

- Add Art 109 as one of the electives under the 6 units section.

### Music AA-T

The Music Department is proposing to add a new Music transfer degree. The committee expressed concern with the number of units in the major. The combined major requirements and IGETC pattern will cause an over the 60 unit cap for transfer degrees. Q. Chapman plans to move forward with submitting the transfer degree to the Chancellor's office for review.

Chair Lipe called a motion to approve the Fine Arts Division's course proposals, including the conditions of enrollment, the proposed new transfer degree, new courses, proposed program revisions to the degrees and certificates, and all recommendations made by the committee.

W. Brownlee moved, L. Kjeseth seconded, and the motion passed unanimously.

## **Humanities Division**

The committee recommended changes be made to course outline of records for English 1A, English 40A and 40B as follows:

### English 1A – Reading and Composition

- Consider changing the conditions of enrollment to English A, or English as a Second Language 53C and English 84 or English as a Second Language 52B. This would allow a student to take English A and English as a Second Language 52B and qualify for English 1A. The two writing courses should support the same requisite skill and the two reading courses should support the same requisite skills. What are the requisite skills for English as a Second Language 53C in section VIII B?

### English 40A and English 40B – American Literature

- The descriptive titles are the same. Consider changing the descriptive titles to American Literature I and American Literature II

### Spanish 52A and Spanish 52B – Spanish for Native Speakers

- The descriptive titles are the same. Consider changing the descriptive titles to Spanish for Native Speakers I and Spanish for Native Speakers II

Chair Lipe called a motion to approve the Humanities Division’s course proposals, including the conditions of enrollment, the proposed new transfer degree and recommendations made by the committee. D. Pahl moved, L. Kjeseth seconded, and the motion passed unanimously.

## **Business Division**

### Computer Information Systems A.S. Degree

- Add “Computer Information Systems 30” under the Mobile and Web Programming category.
- Delete the words “and” “or” conditions under Mobile and Web Programming category.

### Computer Information Systems 13 – Computer Information Systems

- The estimated independent study hours per week should be 4 hours per week not 8 (course is 3 units with 3 hours lecture and 2 hours lab.).
- Add the statement “minimal grade of C” with Business 15 and Math 23 prerequisites.

### Computer Information Systems 16 – Application Development and Programming Using VisualBasic.Net

- Since independent study hours are noted, remove statement in Section VI “minimum of one additional hour is needed...”
- Adjust the estimated independent study hours per week to 5 hours (course is 3 units with 2 hours lecture and 2 hours lab).

Chair Lipe called a motion to approve the Business Division’s course proposals, including the conditions of enrollment, program revisions to the degree and certificates, and recommendations made by the committee. L. Houske moved, V. Nemie seconded, and the motion passed unanimously.

## **Behavioral and Social Sciences Division**

### Anthropology AA-T

The division is proposing to add a new anthropology transfer degree. The committee recommended the following changes:

- Edit first paragraph in the catalog description.
- Under List B, consider changing the number of units from 3-4 to 4 units, since a student opting for the geology route will need to take both Geology 3 and Geology 1, for a total of 4 units.

### Human Development 10 – Strategies for Creating Success in College and in Life

- Recommended Skills and Matching Objectives need to be reversed.
- Adjust the estimated independent study hours per week to 6 hours.

### Human Development 115 – Career Development Across the Lifespan

- Consider adding a “note” under the catalog description about assessment fees.

### Philosophy AA-T

The department is proposing to add a new philosophy transfer degree to its program. The committee recommended including Political Science 7 (POLI 7) under list B in the program study. In addition, Q. Chapman will add POLI 7 to the Transfer Model Curriculum (TMC) template.

### Political Science 7 – Political Philosophy

- Correct typographical error in SLO statement “Describe two distinct theories theories...”
- Catalog description needs a comma after “In this course”.

Chair Lipe called a motion to approve the Behavioral and Social Sciences Division’s course proposals, including the conditions of enrollment, proposed new transfer degrees, new courses, and amendments made by the committee. D. Pahl moved, L. Kjeseth seconded, and the motion passed unanimously.

## **Industry and Technology Division**

### Architecture A.S. Degree and Certificate of Achievement

Chair Lipe tabled the degree and certificate until a decision is made by faculty to consider reducing the total units by lowering courses from 4 to 3 units in the restricted electives.

### Fashion 15 – Beginning Fashion Illustration

V. Nemie agreed to have Chair Lipe replace the old versions of the current representative textbooks with the 2011 edition of the Fashion Design Drawing Course and a 2012 edition of The Fashion Sketchbook.

Chair Lipe called a motion to approve the Industry and Technology Division’s course proposals, including the conditions of enrollment, and recommendations made by the committee. V. Nemie moved, L. Houske seconded, and the motion passed unanimously.

## **Natural Sciences Division**

### Biology 18 – Marine Biology Laboratory

- Should advisory include a writing competency similar to Biology 17? Substantial writing assignments are not part of this course as in Biology 17.

### Physiology 31 – Human Physiology

- Need to correct bibliographic information. Benjamin Cummings is the publisher and authors are Elaine N. Marieb and Susan J. Mitchell.

- There is a new edition 2012 of the same title and author published by Pearson Learning Solutions. Need to correct bibliographic information of the listed text: Benjamin-Cummings is the publisher and author is Dee Unglaub Silverthorn.

Chair Lipe called a motion to approve the Natural Sciences Division's course proposals, including the conditions of enrollment, and recommendations made by the committee.

L. Kjeseth moved, W. Brownlee seconded, and the motion passed unanimously.

## **Health Sciences and Athletics Division**

### Physical Education 25abc – Men's Intercollegiate Cross Country Team

This course is scheduled for inactivation at the next CCC meeting.

### Physical Education 110abc – Women's Intercollegiate Volleyball Team

- The committee raised concern about the assigned Contact Hours of the course being 10 per week.  $10 \times 18 = 180$  hours divided by  $54 = 3.33$  units. Do we round up to 3.5 units? or do we adjust hours to 9 per week = 3.0 units. With 10 hours per week, the compressed calendar = 11 per week yet the schedule of classes lists 10. If COR = 9 hours per week,  $(9 \times 17.5 \text{ divided by } 16 = 9.84575$  which would round up to 10 per week.)

### Radiologic Technology 217 – Clinical Experience 4

- Update Outline of Subject Matter Topic IV: Radiography is the Emergency Room

Chair Lipe called a motion to approve the Health Sciences and Athletics Division's course proposals, including the conditions of enrollment, and recommendations made by the committee.

D. Pahl moved, S. Kushigemachi seconded, and the motion passed unanimously.

## **Mathematical Sciences Division**

Chair Lipe called for a motion to approve Mathematics 60. W Brownlee moved, D. Pahl seconded, and the motion passed unanimously.

## **CURRICULUM REVIEW – Standard Technical Review Proposals/Consent Agenda**

Chair Lipe returned the following courses to the course review proposers for minor corrections to the course outline of records:

## **Fine Arts Division**

### Music 259abcd – Music Production Workshop

- Edit section I Catalog Description: Remove "opportunity" since Title 5 now requires that all students will be involved in the academic competition. Consider using the following in the first sentence - This course provides experience in a musical.... Also, spell out KCACTF = Kennedy Center American College Theater Festival (KCACTF).
- Edit section VI Work Outside of Class: provide estimated independent study hours per week.
- Consider adding the words "and intercollegiate competition" at the end of course objective #7 listed in section II Outcomes and Objectives.

## **Humanities Division**

### French 2 – Elementary French II

- Provide Cultural Component in the Outline of Subject Matter (section III).
- Consider changing estimated independent study hours per week to 7 hours (section VI).

### French 3 – Intermediate French I

- Edit section VIII B Conditions of Enrollment: Match entrance skills to matching objectives from French 2, not French 1.

## **Mathematical Sciences Division**

### Mathematics 130 – College Algebra

- Edit section I Catalog Description: The committee determined that the statement referring to the Mathematics 130 as a preparatory course for Mathematics 160 should be referenced as a “note” under the catalog description.

## **Natural Sciences Division**

### Geology 15 – Natural Disasters

- Edit section III Outline of Subject Matter: Differentiate major topics and subtopics. Consider removing A, list others alphabetically as subtopics. Primary Method of Evaluation = substantial writing. Consider changing to problem solving as typical assignment is only 1 paragraph an Advisory is related to reading only.

## **Full Program Review**

The following degrees and certificates were reviewed and are ready for final action:

1. Anthropology AA-T Degree
2. Art History Option AA Degree
3. Digital Arts: Graphic Design/Visual Communications Certificate of Achievement
4. Gallery Management Certificate of Achievement
5. Studio Art Option AA Degree
6. Computer Information Systems AS Degree
7. Computer Support and Network Management Certificate of Achievement
8. Computer Systems Applications Certificate of Achievement
9. Dance AA Degree
10. Music AA-T Degree
11. Music AA Degree
12. Philosophy AA-T Degree
13. Spanish AA-T Degree

## **Full Course Review**

The following courses were reviewed and are ready for final action:

1. Administration of Justice 10 (formerly AJ 10ab)
2. Art 233 (ART 233)
3. Biology 17 (BIOL 17)
4. Biology 18 (BIOL 18)

5. Biotechnology 1 (BTEC 1)
6. Biotechnology 2 (BTEC 2)
7. Computer Information Systems 13 (CIS 13)
8. Computer Information Systems 16 (CIS 16)
9. Dance 171A (DANC 171A)
10. Dance 171B (DANC 171B)
11. Dance 220B (DANC 220B)
12. Dance 271A (DANC 271A)
13. Dance 271B (DANC 271B)
14. Educational Development 41 (EDEV 41)
15. English 1A (ENGL 1A)
16. English 40A
17. English 40B (ENGL 40B)
18. Fashion 15 (FASH 15)
19. Geography 7 (GEOG 7)
20. Geography 20 (GEOG 20)
21. Geology 6 (GEOL 6)
22. Human Development 10 (HDEV 10)
23. Human Development 115 (HDEV 115)
24. Mathematics 60 (MATH 60)
25. Music 147B (MUSI 147B)
26. Physical Education 25abc (PE 25abc)
27. Physical Education 70abc (PE 70abc)
28. Physical Education 85abc (PE 85abc)
29. Physical Education 110abc (PE 110abc)
30. Philosophy 17 (PHIL 17)
31. Physiology 31 (PHYO 31)
32. Political Science 7 (POLI 7)
33. Radiologic Technology 217 (RTEC 217)
34. Spanish 52A (SPAN 52A)
35. Spanish 52B (SPAN 52B)

### **Standard Review/Consent Agenda Proposals**

The following courses were reviewed and are ready for final action:

1. Anthropology 1 (ANTH 1)
2. Anthropology 2 (ANTH 2)
3. Anthropology 5 (ANTH 5)
4. American Studies 7 (ASTU 7)
5. Computer Information Systems 18 (CIS 18)
6. Computer Information Systems 19 (CIS 19)
7. English 32 (ENGL 32)
8. French 4 (FREN 4)
9. Journalism 8 (JOUR 8)
10. Physics 11 (PHYS 11)
11. Physics 12 (PHYS 12)
12. Political Science 2 (POLI 2)
13. Political Science 3 (POLI 3)

#### 14. Political Science 10 (POLI 10)

The following course inactivations were approved and are ready for final action:

1. Anthropology 20A (ANTH 20A)
2. Electronics and Computer Hardware Technology 142ab (ECHT 142ab)
3. Human Development 50 (HDEV 50)
4. Music 223 (MUSI 223)

#### **CHAIR'S REPORT**

Chair Lipe did not have any additional comments to make due to the lengthy curriculum review items covered during the meeting.

#### **ADVISORY REPORT**

Q. Chapman asked the committee to review the Curriculum Timeline for spring 2014 as the timeline will be discussed during the last CCC meeting on December 3<sup>rd</sup>. The committee reviewed a substantial number of courses this semester and may ease up on the number of course reviews in spring 2014.

#### **ADJOURNMENT**

Chair Lipe called for a motion to adjourn the meeting. T. Bue moved, L. Houske seconded, and the motion was carried. The meeting was adjourned at 4:20 p.m.



**EL CAMINO COLLEGE**  
**COLLEGE CURRICULUM COMMITTEE**

**November 26, 2013**  
**Approved Curriculum Changes for 2014-2015**

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**BEHAVIORAL AND SOCIAL SCIENCES**

**COURSE REVIEW; DISTANCE EDUCATION UPDATE; CHANGE IN CATALOG DESCRIPTION**

1. Anthropology 1 – Introduction to Physical Anthropology  
*Current Status/Proposed Changes*

This course explores and emphasizes the evolution and biological diversity of the human species and our closest living relative, the non-human primates. Topics include genetics, mechanisms of evolutionary change, human variation, and the reconstruction of human evolutionary history through examination of the fossil record ~~and comparative studies of the living non human primates~~.

*Recommendation*

This course explores and emphasizes the evolution and biological diversity of the human species and our closest living relative, the non-human primates. Topics include genetics, mechanisms of evolutionary change, human variation, and the reconstruction of human evolutionary history through examination of the fossil record.

**COURSE REVIEW; DISTANCE EDUCATION UPDATE**

1. Anthropology 2 – Introduction to Cultural Anthropology
2. American Studies 7 – History of American Popular Culture
3. Political Science 2 – Introduction to Comparative Politics
4. Political Science 3 – Introduction to Principles and Methods of Political Science
5. Political Science 10 – Introduction to International Relations

## **COURSE REVIEW; CHANGE IN CATALOG DESCRIPTION**

1. Anthropology 5 – Physical Anthropology Laboratory  
*Current Status/Proposed Changes*

This course uses laboratory exercises ~~and other assignments~~ and hands-on activities to explore the primary topics of physical anthropology. Topics will include principles of evolution, human genetics, forensic anthropology, behavior and anatomy of nonhuman primates, human variation and fossil evidence for human evolution.

### *Recommendation*

This course uses laboratory exercises and hands-on activities to explore the primary topics of physical anthropology. Topics will include principles of evolution, human genetics, forensic anthropology, behavior and anatomy of nonhuman primates, human variation and fossil evidence for human evolution.

## **COURSE REVIEW; CHANGE IN CONDITIONS OF ENROLLMENT (Pre/Corequisite, Recommended Preparation, or Enrollment Limitation)**

1. Human Development 10 – Strategies for Creating Success in College and in Life  
*Current Status/Proposed Changes*

Recommended Preparation: English 84 or English as a Second Language ~~52C~~ 52B  
~~or and English A or English A-X~~ English as a Second Language 53C

### *Recommendation*

Recommended Preparation: English 84 or English as a Second Language 52B and English A or English as a Second Language 53C

## **COURSE REVIEW; DISTANCE EDUCATION UPDATE, CHANGES IN DESCRIPTIVE TITLE, CATALOG DESCRIPTION NOTE**

### *Current Status/Proposed Changes*

1. Political Science 7 – ~~Theory~~ Political Philosophy

In this course students will examine political theory as presented in the primary works of major Western thinkers from Plato to Marx. Fundamental issues to be explored include human nature, justice, power, the role of the state, and the legitimate scope of government.

Note: Political Science 7 is the same course as Philosophy 17.

*Recommendation*

Political Science 7 – Political Philosophy

In this course students will examine political theory as presented in the primary works of major Western thinkers from Plato to Marx. Fundamental issues to be explored include human nature, justice, power, the role of the state, and the legitimate scope of government.

Note: Political Science 7 is the same course as Philosophy 17.

**NEW DISTANCE EDUCATION COURSE VERSION**

1. Human Development 115 – Career Development Across the Lifespan
2. Philosophy 17 – Political Philosophy

**NEW COURSES**

1. Human Development 115 – Career Development Across the Lifespan  
Units: 3.0    Lecture: 3.0    Hours of Lab: 0    Faculty Load: 20.00%  
Recommended Preparation: English 84 or English as a Second Language 52B and English A or English as a Second Language 53C  
Grading Method: Letter  
Credit Status: Associate Degree Credit  
CSU Transfer  
El Camino College General Education – Area 5  
Proposed CSU General Education – Area E

This course offers a comprehensive approach to career development across the lifespan. Theories of career and life development provide a framework for understanding vocational choice, work satisfaction, and career transition. Psychological and sociological factors influencing education, career and personal decision-making, career assessment tools for identifying college majors and careers, as well as the knowledge, skills and personal qualities necessary for success in a diverse workplace will be discussed. The course also reviews changing global environments, labor market trends, career research, and job search strategies.

2. Philosophy 17 – Political Philosophy  
Units: 3.0    Lecture: 3.0    Hours of Lab: 0    Faculty Load: 20.00%  
Recommended Preparation: eligibility for English 1A

Grading Method: Letter  
Credit Status: Associate Degree Credit  
CSU Transfer  
Proposed UC Transfer  
El Camino College General Education – Area 2B, 2C, 3  
Proposed CSU General Education – Area C2, D8  
Proposed IGETC – Area 3B, 4H

In this course students will examine political theory as presented in the primary works of major Western thinkers from Plato to Marx. Fundamental issues to be explored include human nature, justice, power, the role of the state, and the legitimate scope of government.

Note: Philosophy 17 is the same course as Political Science 7.

## **NEW MAJORS**

### 1. Anthropology Degree for Transfer (AA-T)

The anthropology program provides a foundation in the fields of socio-cultural anthropology, biological anthropology, and archaeology as they relate to the physical and behavioral aspects of the world's populations of the past and the present. Students in this program will be able to discern the basic issues facing anthropologists, apply the methodologies that anthropologists use to approach the problems in the field, and critically evaluate the record of past accomplishments. This major prepares students for career opportunities in museums, educational, archeological and medical institutions, international development consulting organizations, social welfare, and state and national management entities. Competencies will be assessed regularly through examinations and projects.

The Associate in Arts for Transfer (AA-T) is intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. Students completing the AA-T are given priority consideration for admission to the CSU system, but not to a particular campus or major. In order to earn an AA-T, students must complete:

- 1) a minimum of 18 semester units in the major with a grade of C or better
- 2) 60 required semester units of CSU-transferable coursework with a minimum GPA of 2.0
- 3) the CSU General Education Breadth requirements or Intersegmental General Education Transfer Curriculum (IGETC)

Students who have completed the AA-T will have a strong academic foundation in the field and will be prepared for upper division baccalaureate study at the university. The coursework will satisfy most of the lower-division requirements at

many institutions within the California State University system. Students transferring to a UC, private, or out of state university should consult with an El Camino College counselor when planning to complete the degree since transfer requirements may be slightly different than those required for the AA-T.

<b>Major Requirements</b>		<b>Units</b>
Required Core: 9 units		
ANTH 1	Introduction to Physical Anthropology	3
ANTH 2	Introduction to Cultural Anthropology	3
ANTH 3	Introduction to Archaeology	3
List A: (select one) 3 - 4 units		
ANTH 4	Language and Culture	3
PSYC 9A	Introduction to Elementary Statistical Methods for the Study of Behavior	4
or		
SOCI 109	Introduction to Elementary Statistical Methods for the Study of Behavior	4
or		
MATH 150	Elementary Statistics with Probability	4
List B: (select one or two) 3 - 4 units		
Any course from List A not already used.		
ANAT 32	General Human Anatomy	4
GEOG 8	Introduction to Geographic Information Systems	4
GEOL 1	Physical Geology	3
and		
GEOL 3	Physical Geology Laboratory	1
List C: (select one) 3 - 4 units		
Any course from List A or List B not already used.		
ANTH 5	Physical Anthropology Laboratory	1
ANTH 6	Native Peoples of North America	3
ANTH 7	Native Peoples of South America	3
ANTH 8	Ancient Civilizations of Mesoamerica	3
ANTH 9	Women, Culture, and Society	3
ANTH 11	Anthropology of Religion, Magic and Witchcraft	3
ANTH 12	Ancient Civilizations of the World	3
GEOG 2	Cultural Geography	3
GEOG 5	World Regional Geography	3
HIST 122	United States Social History: Cultural Pluralism in America	3

HIST 178	History of China	3
HIST 183	Introduction to African History, Prehistory to 1885	3
HIST 184	Introduction to African History, 1885 to the Present	3
SOCI 101	Introduction to Sociology	3
SOCI 107	Issues of Race and Ethnicity in the United States	3
SOCI 108	Global Perspectives on Race and Ethnicity	3

**Total Units: 18-21**

2. Philosophy Degree for Transfer (AA-T)

The degree provides students with a foundation in philosophical inquiry. Upon successful completion, students will understand the major concepts and issues that have shaped philosophical traditions. This will include the ability to critically analyze contemporary social and moral issues and to assess the influential positions on theories of truth and the nature of reality. The student will also be able to analyze the logical structure of arguments and the rules of critical reasoning in their own and others' writing and thinking. Competencies will be assessed regularly through examinations, projects, and written reports. This major prepares students to pursue careers in education, law, health, and other fields where analytical skills are required.

The Associate in Arts for Transfer (AA-T) is intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. Students completing the AA-T are given priority consideration for admission to the CSU system, but not to a particular campus or major. In order to earn an AA-T degree, students must complete:

- 1) a minimum of 18 semester units in the major with a grade of C or better
- 2) 60 required semester units of CSU-transferable coursework with a minimum GPA of 2.0
- 3) the CSU General Education Breadth requirements or Intersegmental General Education Transfer Curriculum (IGETC)

Students who have completed the AA-T will have a strong academic foundation in the field and will be prepared for upper division baccalaureate study at the university. The coursework will satisfy most of the lower-division requirements at many institutions within the California State University system. Students transferring to a UC, private, or out of state university should consult with an El Camino College counselor when planning to complete the degree since transfer requirements may be slightly different than those required for the AA-T.

<b>Major Requirements</b>		<b>Units</b>
Required Core (select two): 6 units		
PHIL 8	Introduction to Logic	3
and		
PHIL 2	Introduction to Philosophy	3
or		
PHIL 3	Ethics and Society	3
List A (select one): 3 units		
PHIL 10	History of Ancient and Medieval Philosophy	3
PHIL 11	History of Modern and Contemporary Philosophy	3
List B (select two): 6 units		
Any course from List A not already used		
HIST 140	History of Early Civilizations	3
HIST 141	History of Modern Civilizations	3
PHIL 7	Philosophy of Religion	3
PHIL 17	Political Philosophy	3
or		
POLI 7	Political Philosophy	3
PHIL 17 is the same course as POLI 7.		
List C (select one): 3 units		
Any course from List A or B not already used		
PHIL 5	Critical Thinking and Discourse	3
PHIL 12	Existentialism	3
PHIL 14	Asian Philosophy	3
PHIL 23	Ethics, Law and Society	3
<b>Total Units 18</b>		

## **INACTIVATE COURSES**

1. Anthropology 20A – Introduction to Museum Studies
2. Human Development 50 – Special Topics in Human Development

## BUSINESS

### **COURSE REVIEW; DISTANCE EDUCATION UPDATE; CHANGES IN DESCRIPTIVE TITLE, LECTURE CONTACT HOURS, LAB CONTACT HOURS, FACULTY LOAD, CATALOG DESCRIPTION, CONDITIONS OF ENROLLMENT (Pre/Corequisite, Recommended Preparation, or Enrollment Limitation)**

#### *Current Status/Proposed Changes*

1. Computer Information Systems 13 – ~~Introduction to Computers~~ Computer Information Systems

Units: 3.0 Lecture: ~~2.0~~ 3.0 Hours of Lab: ~~3.0~~ 2.0 Faculty Load: ~~28.33%~~ 30.00%

~~Recommended Preparation: eligibility for English 84~~

Prerequisite: eligibility for English 84 and Business 15 or Mathematics 23 with a minimum grade of C or qualification by testing (El Camino College Mathematics Placement Test) and assessment

~~This course is an introduction to computers, system software and application software and is a prerequisite for other Computer Information Systems classes. The class covers computer literacy, operating systems, computer security, application software, and hardware. Laboratory exercises focus on Microsoft operating systems, file management, Word, Excel, Access, PowerPoint, and the use of the Internet. introduces students to the concepts and technologies used in processing information in an organization. Topics include information systems, database management systems, networking, e-commerce, ethics and security, computer systems hardware, and applications. Students will apply these concepts and methods through hands-on projects developing computer-based solutions using application software.~~

#### *Recommendation*

Computer Information Systems 13 – Computer Information Systems  
Units: 3.0 Lecture: 3.0 Hours of Lab: 2.0 Faculty Load: 30.00%

Prerequisite: eligibility for English 84 and Business 15 or Mathematics 23 with a minimum grade of C or qualification by testing (El Camino College Mathematics Placement Test) and assessment



This course introduces students to the concepts and technologies used in processing information in an organization. Topics include information systems, database management systems, networking, e-commerce, ethics and security, computer systems hardware, and applications. Students will apply these concepts and methods through hands-on projects developing computer-based solutions using application software.

**COURSE REVIEW; DISTANCE EDUCATION UPDATE, CHANGES IN DESCRIPTIVE TITLE, CATALOG DESCRIPTION, CONDITIONS OF ENROLLMENT (Pre/Corequisite, Recommended Preparation, or Enrollment Limitation)**

*Current Status/Proposed Changes*

1. Computer Information Systems 16 – ~~Introduction to Visual Basic~~  
Application Development and Programming Using Visual Basic.Net

Prerequisite: Computer Information Systems 13; ~~Computer Information Systems 26 or 28~~ with a minimum grade of C in ~~prerequisite~~ or equivalent experience

~~This course is an introduction to programming. Students will learn how to design interfaces and how to develop Task of Object Event (TOE) charts. Psuedocode and flow charts will then be created and code will be written for the various controls on the interface. Topics such as sequential file access, arrays, and database access will be covered~~ the fundamental concepts and models of application development including the basic concepts of program design, data structures, programming, problem solving, programming logic, and fundamental design techniques for event-driven programs. A step-by-step, hands-on, project experience is used with a modern application programming language and development platform.

*Recommendation*

Computer Information Systems 16 – Application Development and Programming Using Visual Basic.Net

Prerequisite: Computer Information Systems 13 with a minimum grade of C or equivalent experience

This course is an introduction to the fundamental concepts and models of application development including the basic concepts of program design, data structures, programming, problem solving, programming logic, and fundamental design techniques for event-driven programs. A step-by-step, hands-on, project

experience is used with a modern application programming language and development platform.

## **COURSE REVIEW; DISTANCE EDUCATION UPDATE, CHANGE IN CATALOG DESCRIPTION**

1. Computer Information Systems 18 – Systems Analysis and Design  
*Current Status/Proposed Changes*

In this course the student will study ~~structured~~ systems analysis, and design, and development concepts as they are applied to in business data processing environments. Topics emphasize ~~tools of~~ methodologies used by the analyst and throughout the systems development life cycle, which includes problem definition, feasibility study, analysis, process modeling, data modeling, logic modeling, software development choices to analyze business problems or opportunities, address user needs, perform feasibility studies, specify business requirements through process, data and logic modeling, consideration of development alternatives, and implementation and maintenance of systems.

### *Recommendation*

In this course the student will study systems analysis and design concepts as they are applied in business environments. Topics emphasize methodologies used by the analyst throughout the systems development life cycle to analyze business problems or opportunities, address user needs, perform feasibility studies, specify business requirements through process, data and logic modeling, consideration of development alternatives, and implementation and maintenance of systems.

## **COURSE REVIEW; DISTANCE EDUCATION UPDATE, CHANGES IN DESCRIPTIVE TITLE, CATALOG DESCRIPTION**

### *Current Status/Proposed Changes*

1. Computer Information Systems 19 – ~~Introduction to the Internet, Security, and the Web Publishing~~

This course ~~covers terminology, technology, and software used by the Internet and Web Page Publishing. Different technologies will be compared and evaluated. Students will learn to set up Web pages, use E-mail, search for and evaluate information sources, and use the various conferencing software available on the Internet~~ explores the current state of the Internet, web development, networking, and cyber security in correlation with emerging technologies. Topics discussed and examined through various assignments include internet security, risk management, network defense, virus attacks, cloud computing, social networking, and the web.

*Recommendation*

Computer Information Systems 19 – Internet, Security, and the Web

This course explores the current state of the Internet, web development, networking, and cyber security in correlation with emerging technologies. Topics discussed and examined through various assignments include internet security, risk management, network defense, virus attacks, cloud computing, social networking, and the web.

**CHANGES IN COURSE REQUIREMENTS, UNITS**

1. Computer Information Systems A.S. Degree

*Current Status/Proposed Changes*

<b>Major Requirements</b>		<b>Units</b>
CIS 13	Introduction to Computers	3
CIS 18	Systems Analysis and Design	3
CIS 19	Introduction to the Internet and Web Publishing	3
<del>one of the following groups: two courses from: 6 units</del>		
CIS 26	Using Microsoft Excel	3
and		
CIS 28	Database Management Using Microsoft Access	3
or		
CIS 140	Data Communications Cisco 1	3
and		
CIS 141	Networking Microcomputers Cisco 2	3
<del>two courses from:</del>		
<del>CIS 16</del>	<del>Introduction to Visual Basic</del>	<del>3</del>
<del>CIS 27</del>	<del>Using Spreadsheet Macros</del>	<del>3</del>
<del>CIS 29</del>	<del>Advanced Database Applications</del>	<del>3</del>
<del>CIS 30</del>	<del>Introduction to Electronic Commerce</del>	<del>3</del>
<del>CIS 80</del>	<del>Oracle Application Programming</del>	<del>4</del>
<del>CIS 133</del>	<del>Web Programming Concepts</del>	<del>4</del>
<del>CIS 134</del>	<del>Web Programming</del>	<del>4</del>
<del>CIS 142</del>	<del>Implementing and Administering Network Routers Cisco 3</del>	<del>3</del>
<del>CIS 143</del>	<del>LAN and WAN Router Configurations Cisco 4</del>	<del>3</del>

select one of the following groups of courses: 9-11 units ~~two courses from:~~  
Help Desk

<u>BUS 27</u>	<u>Effective English for Business</u>	<u>3</u>
<u>CIS 11</u>	<u>Help Desk Operations</u>	<u>3</u>
<u>CIS 40</u>	<u>Personal Computer Operations</u>	<u>3</u>

Advanced Applications

CIS 27	Using Spreadsheet Macros	3
CIS 29	Advanced Database Applications	3
CIS 80	Oracle Application Programming	4

Networking

<u>CIS 40</u>	<u>Personal Computer Operations</u>	<u>3</u>
CIS 142	<u>Local Area Network (LAN) Switching and Wireless</u> <u>Cisco 3 Implementing and Administering Network</u> <u>Routers Cisco-3</u>	3
CIS 143	LAN and WAN Router Configurations Cisco 4	3

Programming

CIS 16	Introduction to Visual Basic	3
CIS 133	<u>Mashup JavaScript, jQuery and AJAX</u> <u>Web Programming Concepts</u>	4
CIS 134	<u>ASP.NET with C# Business Web Programming</u>	4

Mobile and Web Programming

CIS 30	Introduction to Electronic Commerce	3
CIS 133	<u>Mashup JavaScript, jQuery and AJAX</u> <u>Web Programming Concepts</u>	4
CIS 134	<u>ASP.NET with C# Business Web Programming</u>	4
<u>CIS 136</u>	<u>Building Mobile Apps</u>	<u>3</u>

**Total Units: ~~21-22~~ 24-26**

*Recommendation*

<b>Major Requirements</b>		<b>Units</b>
CIS 13	Introduction to Computers	3
CIS 18	Systems Analysis and Design	3
CIS 19	Introduction to the Internet and Web Publishing	3
two courses from: 6 units		
CIS 26	Using Microsoft Excel	3
and		

CIS 28	Database Management Using Microsoft Access	3
or		
CIS 140	Data Communications Cisco 1	3
and		
CIS 141	Networking Microcomputers Cisco 2	3
Select one of the following groups of courses: 9-11 units		
Help Desk		
BUS 27	Effective English for Business	3
CIS 11	Help Desk Operations	3
CIS 40	Personal Computer Operations	3
Advanced Applications		
CIS 27	Using Spreadsheet Macros	3
CIS 29	Advanced Database Applications	3
CIS 80	Oracle Application Programming	4
Networking		
CIS 40	Personal Computer Operations	3
CIS 142	Local Area Network (LAN) Switching and Wireless Cisco 3	3
CIS 143	LAN and WAN Router Configurations Cisco 4	3
Programming		
CIS 16	Introduction to Visual Basic	3
CIS 133	Mashup JavaScript, jQuery and AJAX	4
CIS 134	ASP.NET with C# Business Web Programming	4
Mobile and Web Programming		
CIS 30	Introduction to Electronic Commerce	3
CIS 133	Mashup JavaScript, jQuery and AJAX	4
CIS 134	ASP.NET with C# Business Web Programming	4
CIS 136	Building Mobile Apps	3

**Total Units: 24-26**

**CHANGE IN CERTIFICATES OF ACHIEVEMENT; TITLE, COURSE  
REQUIREMENTS, UNITS**

*Current Status/Proposed Changes*

1. Microcomputer Support and Network Management Computer Support and  
Network Management

A minimum of 12 Computer Information Systems units must be completed at El Camino College and a grade point average of 3.0 (B) is necessary in the required ~~33-34~~ 30-32 units.

<b>Certificate Requirements</b>		<b>Units</b>
CIS 13	Introduction to Computers	3
CIS 19	Introduction to the Internet and Web Publishing	3
CIS 40	Microcomputer Operations	3
CIS 140	Data Communications Cisco 1	3
CIS 141	Networking Microcomputers Cisco 2	3
CIS 142	Implementing and Administering Network Routers Cisco 3	3
CIS 143	LAN and WAN Router Configurations Cisco 4	3

~~four courses from~~ three courses from: 9-11 units

<u>CIS 11</u>	<u>Help Desk Operations</u>	<u>3</u>
CIS 16	Introduction to Visual Basic	3
CIS 18	Systems Analysis and Design	3
CIS 28	<u>Using Database Management Using Microsoft Access</u>	3
<del>CIS 29</del>	<del>Advanced Database Applications</del>	<del>3</del>
CIS 80	Oracle Application Programming	4
<u>CIS 133</u>	<u>Mashup JavaScript, jQuery and AJAX</u>	<u>4</u>

**Total Units: ~~33-34~~ 30-32**

### *Recommendation*

#### Computer Support and Network Management

A minimum of 12 Computer Information Systems units must be completed at El Camino College and a grade point average of 3.0 (B) is necessary in the required 30-32 units.

<b>Certificate Requirements</b>		<b>Units</b>
CIS 13	Introduction to Computers	3
CIS 19	Introduction to the Internet and Web Publishing	3
CIS 40	Microcomputer Operations	3
CIS 140	Data Communications Cisco 1	3
CIS 141	Networking Microcomputers Cisco 2	3
CIS 142	Implementing and Administering Network Routers Cisco 3	3

CIS 143	LAN and WAN Router Configurations Cisco	4	3
three courses from: 9-11 units			
CIS 11	Help Desk Operations		3
CIS 16	Introduction to Visual Basic		3
CIS 18	Systems Analysis and Design		3
CIS 28	Database Management Using Microsoft Access		3
CIS 80	Oracle Application Programming		4
CIS 133	Mashup JavaScript, jQuery and AJAX		4

**Total Units: 30-32**

*Current Status/Proposed Changes*

2. Microcomputer Applications Computer Systems Application

A minimum of 12 Computer-Information Systems units must be completed at El Camino College and a grade point average of 3.0 (B) is necessary in the required ~~30-34~~ 30-35 units.

<b>Certificate Requirements</b>			<b>Units</b>
CIS 13	Introduction to Computers		3
CIS 18	Systems Analysis and Design		3
<u>CIS 19</u>	<u>Introduction to the Internet and Web Publishing</u>		<u>3</u>
CIS 26	Using <u>Microsoft Excel</u> Spreadsheets		3
CIS 28	Using Database Applications		3
<del>CIS 40</del>	<del>Microcomputer Operations</del>		<del>3</del>
one course from: <u>3-4 units</u>			
CIS 16	Introduction to Visual Basic		3
or			
CIS 133	Web Programming Concepts		4
two courses from: <u>6-8 units</u>			
CIS 27	Using Spreadsheet Macros		3
CIS 29	Advanced Database Applications		3
<u>CIS 80</u>	<u>Oracle Application Programming</u>		<u>4</u>
<del>CIS 133</del>	<del>Web Programming Concepts</del>		<del>4</del>
CIS 134	Web Programming		4
<u>CIS 136</u>	<u>Building Mobile Apps</u>		<u>3</u>

two courses from: 6-8 units  
or any course not selected above

<del>BUS 55</del>	<del>Advanced Microsoft Office Integrated Software Applications</del>	<del>4</del>
CIS 11	Help Desk Operations	3
<del>CIS 19</del>	<del>Introduction to the Internet and Web Publishing</del>	<del>3</del>
CIS 30	Introduction to Electronic Commerce	3
<u>CIS 40</u>	<u>Personal Computer Operations</u>	<u>3</u>

**Total Units: ~~30-34~~ 30-35**

*Recommendation*

Computer Systems Application

A minimum of 12 Computer Information Systems units must be completed at El Camino College and a grade point average of 3.0 (B) is necessary in the required 30-35 units.

<b>Certificate Requirements</b>		<b>Units</b>
CIS 13	Introduction to Computers	3
CIS 18	Systems Analysis and Design	3
CIS 19	Introduction to the Internet and Web Publishing	3
CIS 26	Using Microsoft Excel	3
CIS 28	Using Database Applications	3
one course from: 3-4 units		
CIS 16	Introduction to Visual Basic	3
CIS 133	Web Programming Concepts	4
two courses from: 6-8 units		
CIS 27	Using Spreadsheet Macros	3
CIS 29	Advanced Database Applications	3
CIS 80	Oracle Application Programming	4
CIS 134	Web Programming	4
CIS 136	Building Mobile Apps	3
two courses from: 6-8 units or any course not selected above		
CIS 11	Help Desk Operations	3
CIS 30	Introduction to Electronic Commerce	3
CIS 40	Personal Computer Operations	3

**Total Units: 30-35**