

EL CAMINO COLLEGE
MINUTES OF THE COLLEGE CURRICULUM COMMITTEE
MAY 13, 2008

Present: J. Davidson, A. Himself, R. Hughes, L. Kjeseth, M. Lipe, V. Lloyd, S. Panski, V. Rapp,
C. Somin, J. Thompson, J. Young

Absent (excused): F. Arce, E. Martinez, C. Mosqueda

Ex-Officio Members Present: Q. Chapman, L. Suekawa

Absent (excused): V. Armstrong, C. Brinkman, M. Hall, R. Smith

Also Present: L. Back, M. Cavalier, T. Cody, K. Coffelt, V. Cafarchia, I. Drew, C. Fitzsimons,
P. Gebert, M. Gross, B. Jaffe, J. Lewis, L. Medigovich, T. Meza, W. Morris,
L. Olsen, Y. Ouwerkerk, D. Richardson, S. Rodriguez, D. Shan, J. Shankweiler,
C. Striepe

CALL TO ORDER

Chair Young called the College Curriculum Committee meeting to order at 2:30 p.m.

APPROVAL OF MINUTES

Chair Young asked for a motion to approve the minutes from the April 22nd meeting. C. moved, V. Lloyd seconded and the motion carried.

CHAIR'S REPORT

Chair Young informed the Committee that she will forgo her chair's report in order to accommodate the large volume of curriculum to be reviewed at today's meeting. Chair Young stated that the Behavioral and Social Sciences proposals included in today's packet will not be reviewed. She advised the Committee to keep the proposals in their possession for review at the May 27th meeting.

CURRICULUM REVIEW

INDUSTRY AND TECHNOLOGY PROPOSALS

Chair Young invited S. Rodriguez, Dean of Industry and Technology, to the podium to present proposals for Air Conditioning and Refrigeration 30, Architecture 150A, Automotive Technology 11, Construction Technology 110, Fashion 10ab, Fire and Emergency Technology 140, Fire and Emergency Technology 141, Fire and Emergency Technology Major, and Fire and Emergency

Technology Certificate. S. Rodriguez introduced faculty members from her division, which included Patricia Gebert, Tim Meza, Kevin Coffelt, Dan Richardson, Vic Cafarchia, and John Lewis. S. Rodriguez thanked the CCC for the recommendations and comments about the proposals. She distributed an errata sheet and discussed each section where revisions were made.

S. Rodriguez began her presentation with Air Conditioning and Refrigeration 30. As there were not questions about this course, she proceeded with Architecture 150A. Revisions were made to Sections II, and V.A. on the course outline. The Committee did not have any questions about the proposal for Automotive Technology 11 and the discussion continued with a review of Construction Technology 110. Corrections were made to Sections II, V.A., and V.B.1. on the course outline. S. Rodriguez continued with Fashion 10ab. Revisions were made to Sections I, II and V.B.1. on the course outline. C. Somin took the opportunity to praise Fashion 10ab course content. She enrolled in this course as a young student at El Camino College and remarked that the course was very valuable.

S. Rodriguez proceeded to discuss Fire and Emergency Technology 140. Chair Young informed the Committee that the lecture/lab hours, faculty load and unit changes being proposed were previously reviewed and approved by F. Arce, Vice President of Academic Affairs. A minor correction was made to Section I on the course outline. S. Rodriguez continued with a review of Fire and Emergency Technology 141. Minor revisions were made to Sections I and V.B.2. on the course outline. There was a brief discussion about Critical Thinking Assignment 2. Faculty member, K. Coffelt fielded questions from the Committee and the wording was resolved. The presentation concluded with the Fire and Emergency Technology Major and Certificate changes. There were no further questions regarding the proposals.

Chair Young asked for a motion to approve the Industry and Technology proposals. R. Hughes moved, V. Rapp seconded and the motion carried. Chair Young asked for a motion to approve the conditions of enrollment. L. Kjeseth moved, V. Lloyd seconded and the motion carried.

FINE ARTS PROPOSALS

L. Back, Faculty Coordinator, from the Fine Arts division took the podium to present Art 1 for course review and the Gallery Management Certificate revision. As L. Back distributed an errata sheet, she introduced C. Fitzsimons, faculty member from the Art department.

L. Back began with Art 1 and discussed each section where revisions were made. Revisions were made to Sections I, II, III, V.A., V.B.1, and V.B.2. on the course outlines. The distance education version for Art 1 was also reviewed. L. Back proceeded to discuss the Gallery Management Certificate of Achievement and explained that the proposal includes two courses added to the certificate requirements.

Chair Young asked for a motion to approve the Fine Arts proposals. L. Kjeseth moved, A. Himsel seconded and the motion carried. Chair Young asked for a motion to approve the conditions of enrollment. L. Kjeseth moved, V. Lloyd seconded and the motion carried.

HUMANITIES

Chair Young invited B. Jaffe, Associate Dean of the Humanities division, to the podium to present proposals for course review. B. Jaffe introduced faculty members David Shan, Tom Cody, Lori Medigovich, and Claudia Striepe.

B. Jaffe distributed an errata sheet and discussed each section where revisions were made. She began with Chinese 21ab. Revisions were made to Sections I, II, III, V.B.1., V.B.2., and VIII on the course outline. D. Shan addressed the Committee regarding his concern with the course prerequisite. Chair Young explained the content review process and suggested the course be brought back after he has had an opportunity to consult with his DCC. D. Shan agreed and the review of Chinese 21ab concluded. B. Jaffe moved on to Chinese 22ab. Corrections were made to the course proposal (UC Transfer) and Sections II, III, V.A., V.B.1., and VIII on the course outline.

B. Jaffe continued her presentation with English 40A. Minor revisions were made to Sections II and V on the course outline of record. B. Jaffe proceeded to discuss Journalism 12. Revisions were made to the course proposal (CSU GE and IGETC) and Sections II, III, and V.B. on the course outline. She also presented the distance education course version for Journalism 12. B. Jaffe continued and discussed Library Information Science 1. Corrections were made to Sections I, II, and III on the course outline. There was a brief discussion on V.B.1., and C. Striepe was present to field questions from the Committee. As a result, it was determined that the critical thinking assignment would remain as presented on the course outline. B. Jaffe's presentation concluded with Library Information Science 10. Revisions were made to the course proposal (UC Transfer), Sections I, II, III, and V.B. on the course outline. There were no further questions regarding the proposals.

Chair Young asked for a motion to approve the Humanities proposals. C. Somin moved, V. Rapp seconded and the motion carried. Chair Young asked for a motion to approve the conditions of enrollment. C. Somin moved, V. Lloyd seconded and the motion carried. Chair Young asked for a motion to approve the distance education course version for Journalism 12. C. Somin moved, L. Kjeseth seconded and the motion carried.

MATHEMATICAL SCIENCES PROPOSALS

D. Goldberg, Dean of the Mathematical Sciences division, took the podium to present proposals for the Advanced Placement (AP) Policy, course review and new course proposals. D. Goldberg distributed an errata sheet and discussed the proposals. Revisions were made to the Mathematics AP Course Credit Policy. D. Goldberg continued with Mathematics 12 and Mathematics 23. There were no changes to the proposals submitted and no questions from the Committee. He proceeded to discuss Mathematics 100. A correction was made to the descriptive title. D. Goldberg then discussed Mathematics 70. A revision was made to Section I on the course outline of record. He concluded his presentation with the new course, Mathematics 73. Corrections were made to Sections I and VII on the course outline. D. Goldberg thanked the Committee for their input and recommendations for the proposals.

Chair Young asked for a motion to approve the Mathematical Sciences proposals. V. Lloyd moved, J. Thompson seconded and the motion carried. Chair Young asked for a motion to approve the conditions of enrollment. L. Kjeseth moved, V. Rapp seconded and the motion carried.

NATURAL SCIENCES PROPOSALS

J. Shankweiler, Interim Dean of the Natural Sciences division, took the podium and extended a thank you to the Committee for their recommendations. Biology 17 and Biology 18 were both being presented for course review. J. Shankweiler distributed an errata sheet and discussed each section where revisions were made. She began with Biology 17 and explained revisions to Sections I, II, III, and V.A. on the course outline. J. Shankweiler moved on to Biology 18. Corrections were made to Sections I, III, V and VII on the course outline. J. Shankweiler concluded her presentation and there were no further questions.

Chair Young asked for a motion to approve the Natural Sciences proposals. L. Kjeseth moved, M. Lipe seconded and the motion carried. Chair Young asked for a motion to approve the conditions of enrollment. L. Kjeseth moved, M. Lipe seconded and the motion carried.

HEALTH SCIENCES AND ATHLETICS PROPOSALS

I. Drew, Interim Dean of Health Sciences and Athletics, took the podium to present new course proposals and program prerequisites for Nursing 124, Nursing 125, Nursing 126, Nursing 127, and the Vocational Nursing Major. I. Drew distributed an errata sheet as he introduced faculty members from the Nursing department. Faculty members present included Monica Gross, Ysana Ouwerkerk and Wanda Morris. W. Morris is the Interim Dean of Nursing at CCEC. Also present was Mary Cavalier, the consultant working on the VN Program. I. Drew explained to the Committee the process the division has gone through in an effort to develop the curriculum and complete the process for curriculum review.

I. Drew began his presentation with Nursing 124 and discussed revisions to the proposal. Revisions were made to reflect the current amount of hours, units, class size and instructor load for the course. Revisions were also made to Sections I, II, IV, V, VII, and VIII on the course outline. There was a brief discussion regarding the condition of enrollment. W. Morris responded to questions from the Committee and confirmed a higher-level Anatomy course would also satisfy the recommended preparation. I. Drew continued with a review of Nursing 125. Corrections were made to hours, units, class size and instructor load on the course proposal. Revisions were made on the course outline to Sections I, II, IV, V.A. and VIII. I. Drew continued the discussion with a review of Nursing 126. Corrections were made on the course proposals to hours, class size and instructor load. Additionally, revisions were made to Sections I, II, IV, V.B.1, V.B.2., VII and VIII on the course outline. He proceeded to discuss Nursing 127 and the corrections to hours, instructor load and WSCH/FTE ratio. Corrections were also made on the course outline to Sections I, II, V, and VIII. The presentation concluded with the program prerequisites for the VN Program. After a brief discussion, a correction was made to the program prerequisite statement for Nursing 103. There were no further questions regarding the proposals.

Chair Young asked for a motion to approve the Health Sciences and Athletics proposals. S. Panski moved, C. Somin seconded and the motion carried. Chair Young asked for a motion to approve the conditions of enrollment. S. Panski moved, C. Somin seconded and the motion carried. Chair Young called for a motion to approve all four nursing courses as Stand-Alone courses. S. Panski moved, L. Kjeseth seconded and the motion carried. S. Panski expressed his sincere gratitude to the nursing faculty, M. Cavalier, the Health Sciences and Athletics DCC, and to Chair Young for their time and effort. He stated that they went beyond the call of duty in a short amount of time and the VN Program is a great accomplishment.

PROPOSALS REVIEWED BY VICE PRESIDENT F. ARCE AND CHAIR YOUNG

Chair Young asked the Committee to turn their attention to the justification memo included in today's handouts. Music 200, Music 131ab and Physical Science 12 were being proposed for course inactivation's and have been reviewed by F. Arce and Chair Young. Chair Young asked for a motion to approve the proposals. L. Kjeseth moved, V. Rapp seconded and the motion carried.

ANNOUNCEMENTS

Chair Young informed the Committee that proposals previously distributed that will be reviewed at the next meeting. The Committee was advised to bring the following proposals on May 27th: Chinese 21ab, French 4, 5 and 6, Japanese 4, Spanish 4, 5, and 6, the General Studies Major, and the Transfer Certificate.

Chair Young called for a motion to adjourn the meeting. C. Somin moved, A. Himsel seconded, and the motion carried. The meeting was adjourned at 4:31 p.m.

**EL CAMINO COLLEGE
COLLEGE CURRICULUM COMMITTEE**

**Proposed Curriculum Changes
May 13, 2008**

FINE ARTS DIVISION

INACTIVATE COURSES

1. Music 200 – Supervised Tutoring: Computer Applications
2. Music 131ab – Sightreading at the Keyboard

CHANGE IN CERTIFICATE OF ACHIEVEMENT

1. Art – Gallery Management

Current Status/Proposed Change

Art 29ab, 31abcd, 37ab, 141abcd, (Only one semester of a course will be credited toward the certificate requirement.), two semesters of Art 34ab, 6 units from the following: Art 1, 2, 3, 4, 5A, 5B, 6, 7, 9, 108.

Total Units: 26

Recommendation:

Art 29ab, 31abcd, 37ab, 141abcd, (Only one semester of a course will be credited toward the certificate requirement.), two semesters of Art 34ab, 6 units from the following: Art 1, 2, 3, 4, 5A, 5B, 6, 7, 9, 108.

Total Units: 26

CHANGES IN DESCRIPTIVE TITLE, CATALOG DESCRIPTION; COURSE REVIEW FOR CURRENCY WITH TITLE 5 REQUIREMENTS

Current Status/Proposed Change

1. Art 1 – Art and Visual Culture in Modern Life

This course is ~~an introductory study~~ a global survey of the art and visual arts designed to increase the student's ability to understand and evaluate art. The course surveys a broad range of art forms, styles, and techniques from various cultures and culture from different historical periods; examines art in relation to its socio-cultural context; and considers the impact of art on modern life. Students acquire analytical and interpretive skills and develop a basic understanding of the role of art and visual culture in human history.

Recommendation:

Art 1 – Art and Visual Culture in Modern Life

This course is a global survey of art and visual culture from different historical periods. Students acquire analytical and interpretive skills and develop a basic understanding of the role of art and visual culture in human history.

DISTANCE EDUCATION COURSE VERSION UPDATES

1. Art 1 – Art and Visual Culture in Modern Life (Online)

HEALTH SCIENCES AND ATHLETICS DIVISION**PROGRAM PREREQUISITES**

1. Vocational Nursing Program
Anatomy 30, Nursing 103 or current certification as a State of California Certified Nursing Assistant, Nursing 124, Nursing 151, Nutrition and Foods 11

NEW COURSES

1. Nursing 124 – Basic Concepts of Nursing Pharmacology
Units: 1 Lecture: 1 hour Faculty Load: 6.67%
Prerequisite: Mathematics 23 with a minimum grade of C or qualification by testing (El Camino College Placement Test) and assessment
Recommended Preparation: Anatomy 30
Credit, degree applicable
Grading Method: Letter grade
This course provides instruction in the basic concepts and principles of pharmacology for beginning nursing students. Mastery of the measurement systems used in nursing and drug dosage calculations are required to complete the course successfully.
Note: Completion of this course is required prior to enrollment in the Vocational Nursing Program.
2. Nursing 125 – Beginning Vocational Nursing
Units: 7 Lecture: 3.5 hours Lab: 10.5 hours Faculty Load: 75.833%
Enrollment Limitation: Admission to the Vocational Nursing Program
Credit, degree applicable
Grading Method: Letter grade
This course provides the instruction and clinical practice required for beginning vocational nursing students. The concepts of Byrne and Thompson's basic human needs theory of nursing and the nursing process are studied and are utilized to provide nursing care for elderly and stable clients in long-term care facilities. Theory and related nursing practice will focus on physical integrity and activity-rest needs.
3. Nursing 126 – Intermediate Vocational Nursing
Units: 7 Lecture: 3.5 hours Lab: 10.5 hours Faculty Load: 75.833%
Prerequisite: Nursing 125 with a minimum grade of C
Credit, degree applicable
Grading Method: Letter grade
This course provides instruction and clinical practice at the intermediate level of vocational nursing. Concepts of Byrne and Thompson's basic human needs theory and the nursing process are applied to provide nursing care for clients during the preoperative period. Theory and related nursing practice focus on common problems associated with the basic

human needs of activity-rest, ingestive, excretory, and oxygen-carbon dioxide exchange needs.

4. Nursing 127 – Pharmacology for Vocational Nurses

Units: 2 Lecture: 2 hours Faculty Load: 13.333%

Prerequisite: Nursing 124 with a minimum grade of C

Credit, degree applicable

Grading Method: Letter grade

This course provides instruction in clinical drug therapy for vocational nurses. Students study commonly used drugs organized into classifications based upon body systems and pharmacological action. The focus of the course is nursing responsibilities regarding the administration of each class of drugs.

Note: This course, together with Nursing 124, meets the 54-hour pharmacology content requirements of the Board of Vocational Nursing and Psychiatric Technicians.

HUMANITIES DIVISION

CHANGE IN TRANSFER STATUS; COURSE REVIEW FOR CURRENCY WITH TITLE 5 REQUIREMENTS

1. Chinese 22ab – Intermediate Conversational Chinese

Current Status/Proposed Change

Transfer CSU

~~No Transfer UC~~ Proposed Transfer UC

Recommendation:

Transfer CSU

Proposed Transfer UC

CHANGE IN CATALOG DESCRIPTION; COURSE REVIEW FOR CURRENCY WITH TITLE 5 REQUIREMENTS

1. English 40A – American Literature

Current Status/Proposed Change

This course surveys American literature from its beginnings through the Civil War.

~~Coverage, which recognizes~~ Recognizing the contributions of women and of ethnic and other minorities to the national literature, coverage includes the ~~N~~narratives of ~~N~~native ~~P~~peoples, the ~~L~~iterature of ~~D~~iscovery and ~~E~~xploration, the ~~L~~iterature of European ~~S~~ettlement, the ~~L~~iterature of ~~P~~re-~~R~~evolutionary America, the ~~L~~iterature of an ~~E~~merging ~~N~~nation, and the ~~L~~iterature of ~~P~~re-Civil War America.

Recommendation:

This course surveys American literature from its beginnings through the Civil War.

Recognizing the contributions of women and of ethnic and other minorities to the national literature, coverage includes the narratives of native peoples, the literature of discovery and exploration, the literature of European settlement, the literature of pre-revolutionary America, the literature of an emerging nation, and the literature of pre-Civil War America.

CHANGE IN GENERAL EDUCATION REQUIREMENTS; COURSE REVIEW FOR CURRENCY WITH TITLE 5 REQUIREMENTS

1. Journalism 12 – Mass Media and Society

Current Status/Proposed Change

CSU General Education Requirement – Area D – Social, Political and Economic Institutions and Behavior; Historical Background, 7. Interdisciplinary Social/Behavioral Science

IGETC General Education Requirement – Area 4: Social and Behavioral Sciences

Recommendation:

CSU General Education Requirement – Area D – Social, Political and Economic Institutions and Behavior; Historical Background, 7. Interdisciplinary Social/Behavioral Science

IGETC General Education Requirement – Area 4: Social and Behavioral Sciences

CHANGES IN DESCRIPTIVE TITLE, CATALOG DESCRIPTION; COURSE REVIEW FOR CURRENCY WITH TITLE 5 REQUIREMENTS

Current Status/Proposed Change

1. Library Information Science 1 – Introduction to Library ~~Skills~~ Information Science

~~This course is designed to acquaints students with the organization of libraries and the their resources, they contain. Topics covered will include enabling them to develop strategies for library research. Students will learn how to locate and evaluate the traditional and electronic types of library materials;. It will also include the documentation of how to document resources; and the preparation of how to prepare a bibliography. Students will also acquire proficiency in the use of informational technology to better realize in order to understand the full potential of library resources. The knowledge students will gain from this class will enable them to develop strategies for library research.~~

Recommendation:

Library Information Science 1 – Introduction to Library Information Science

This course acquaints students with the organization of libraries and their resources, enabling them to develop strategies for library research. Students will learn how to locate and evaluate the traditional and electronic types of library materials; how to document resources; and how to prepare a bibliography. Students will also acquire proficiency in the use of informational technology in order to understand the full potential of library resources.

CHANGES IN TRANSFER STATUS, CATALOG DESCRIPTION; COURSE REVIEW FOR CURRENCY WITH TITLE 5 REQUIREMENTS

1. Library Information Science 10 – Library Research Using the Internet

Current Status/Proposed Change

This course will familiarize students with library research principles as they it relates to information access, search strategy development, and search engine capabilities of the

Internet. ~~Students will also learn to evaluate, validate~~ Other related topics include information competency and cite the evaluation, validation, and citation of Internet sources.
 Transfer CSU
~~No Transfer UC~~ Proposed Transfer UC

Recommendation:

This course will familiarize students with library research as it relates to information access, search strategy development, and search engine capabilities of the Internet. Other related topics include information competency and the evaluation, validation, and citation of Internet sources.
 Transfer CSU
 Proposed Transfer UC

NEW DISTANCE EDUCATION COURSE VERSION

1. Journalism 12 – Mass Media and Society (Online)

INDUSTRY AND TECHNOLOGY DIVISION

CHANGE IN CONDITIONS OF ENROLLMENT (Pre/Corequisite, Recommended Preparation, or Enrollment Limitation); COURSE REVIEW FOR CURRENCY WITH TITLE 5 REQUIREMENTS

1. Air Conditioning 30 – Electric Controls
Current Status/Proposed Change
 Prerequisite: Air Conditioning and Refrigeration ~~4- or~~ 21 or 22 with a minimum grade of C in prerequisite or equivalent

Recommendation:

Prerequisite: Air Conditioning and Refrigeration 21 or 22 with a minimum grade of C in prerequisite or equivalent

CHANGE IN CATALOG DESCRIPTION; COURSE REVIEW FOR CURRENCY WITH TITLE 5 REQUIREMENTS

1. Architecture 150A – Architectural Drafting I
Current Status/Proposed Change
 This course ~~provides is~~ an introduction to architectural drafting, plot plans, floor plans, foundation plans, building sections ~~Line, lettering, sketching, and elevations. The students will be able to identify commonly used lines, symbols and learn how to draft a basic set of working drawings. They will also have exposure to the Uniform Building Code and begin to understand city zoning ordinances and codes~~ drawing techniques will be developed. Building codes and zoning codes will be introduced along with the functions of framing members in wood frame construction (Type V). Manual drafting techniques will be used to develop a set of construction documents with an introduction to AutoCAD.

Recommendation:

This course is an introduction to architectural drafting. Line, lettering, sketching, and drawing techniques will be developed. Building codes and zoning codes will be introduced along with the functions of framing members in wood frame construction (Type V). Manual drafting techniques will be used to develop a set of construction documents with an introduction to AutoCAD.

2. Fashion 10ab – Clothing Construction I

Current Status/Proposed Change

This course provides the analysis and application of basic clothing construction techniques. ~~Student projects are selected in accordance with skill level. Three projects are to be made of distinctly different fabrics incorporating suitable techniques to be compatible with used~~ on woven and knit garments emphasizing pattern and fabric structure selection, seam and garment construction and finishing. Students will be trained on the proper use and care of the sewing and overlock machine. Consumer decision-making is emphasized.

Recommendation:

This course provides the analysis and application of basic clothing construction techniques used on woven and knit garments emphasizing pattern and fabric selection, seam and garment construction and finishing. Students will be trained on the proper use and care of the sewing and overlock machine. Consumer decision-making is emphasized.

3. Fire and Emergency Technology 141 – Emergency Medical Technician Laboratory

Current Status/Proposed Change

In this course, students will develop and practice basic skills necessary for the assessment, rescue, immediate treatment, and transport of the urgently ill or injured persons. Course content emphasizes identifying and correcting life-threatening conditions, applying appropriate rescue techniques, and developing a systematic approach for providing pre-hospital care. Work outside of class includes ~~8~~ 10 hours of service in a prescribed hospital emergency room, ~~8 hours of ambulance procedures training,~~ and ~~8~~ 12 hours of service on an active ambulance.

Note: Students must show proof of current certification in Health Care Provider CPR or Professional Rescuer CPR from the American Heart Association or American Red Cross at the first class meeting. Once enrolled, students must undergo a criminal background check to qualify for the required out-of-class activities. Completion of this course and Fire and Emergency Technology 140, both with a grade of “B” or above, will make the student eligible to take the National Registry EMT exam.

Note: This course is repeatable.

Recommendation:

In this course, students will develop and practice basic skills necessary for the assessment, rescue, immediate treatment, and transport of the urgently ill or injured person. Course content emphasizes identifying and correcting life-threatening conditions, applying appropriate rescue techniques, and developing a systematic approach for providing pre-hospital care. Work outside of class includes 10 hours of service in a prescribed hospital emergency room and 12 hours of service on an active ambulance.

Note: Students must show proof of current certification in Health Care Provider CPR or Professional Rescuer CPR from the American Heart Association or American Red

Cross at the first class meeting. Once enrolled, students must undergo a criminal background check to qualify for the required out-of-class activities. Completion of this course and Fire and Emergency Technology 140, both with a grade of "B" or above, will make the student eligible to take the National Registry EMT exam.

Note: This course is repeatable.

CHANGES IN CONDITIONS OF ENROLLMENT (Pre/Corequisite, Recommended Preparation, or Enrollment Limitation), CATALOG DESCRIPTION; COURSE REVIEW FOR CURRENCY WITH TITLE 5 REQUIREMENTS

1. Automotive Technology 11 – Brakes, Suspension and Four Wheel Alignment

Current Status/Proposed Change

Recommended Preparation: Automotive Technology 1 or concurrent enrollment or ~~testing (qualifying score on the Automotive Placement Test) and assessment.~~ industry experience

This course covers the study of brake systems, front and rear suspension systems, steering systems and their operation. Laboratory activities stress brake, suspension and steering diagnosis, repair, machining, overhaul, front wheel and four wheel alignment procedures and proper use of tools and equipment utilized in industry.

Note: This course is the same as the two-course sequence Automotive Technology 14 and 16. Students who have completed Automotive Technology 14 and 16 will not receive credit for Automotive Technology 11.

Recommendation:

Recommended Preparation: Automotive Technology 1 or concurrent enrollment or industry experience

This course covers the study of brake systems, front and rear suspension systems, steering systems and their operation. Laboratory activities stress brake, suspension and steering diagnosis, repair, machining, overhaul, front wheel and four wheel alignment procedures and proper use of tools and equipment utilized in industry.

Note: This course is the same as the two-course sequence Automotive Technology 14 and 16. Students who have completed Automotive Technology 14 and 16 will not receive credit for Automotive Technology 11.

COURSE REVIEW FOR CURRENCY WITH TITLE 5 REQUIREMENTS

1. Construction Technology 110 – Additions and Remodeling

CHANGES IN LECTURE/HOURS FACULTY LOAD, UNITS, CATALOG DESCRIPTION; COURSE REVIEW FOR CURRENCY WITH TITLE 5 REQUIREMENTS

1. Fire and Emergency Technology 140 – Emergency Medical Technician

Current Status/Proposed Change

Units: ~~3~~ 4 Lecture: ~~3~~ 4 hours Faculty Load: ~~20.000~~ 26.667%

In this course, students will study the basic skills necessary for the assessment, rescue, immediate treatment, and transport of the urgently ill or injured persons. Course content emphasizes identifying and correcting life-threatening conditions, identifying appropriate rescue techniques, and developing a systematic approach for providing pre-hospital care.

Note: Students must show proof of current certification in Health Care Provider CPR or Professional Rescuer CPR from the American Heart Association or the American Red Cross at the first class meeting. Completion of this course and Fire and Emergency Technology 141, both with a grade of “B” or above, will make the student eligible to take the National Registry EMT exam.

Note: This course is repeatable.

Recommendation:

Units: 4 Lecture: 4 hours Faculty Load: 26.667%

In this course, students will study the basic skills necessary for the assessment, rescue, immediate treatment, and transport of the urgently ill or injured person. Course content emphasizes identifying and correcting life-threatening conditions, identifying appropriate rescue techniques, and developing a systematic approach for providing pre-hospital care.

Note: Students must show proof of current certification in Health Care Provider CPR or Professional Rescuer CPR from the American Heart Association or the American Red Cross at the first class meeting. Completion of this course and Fire and Emergency Technology 141, both with a grade of “B” or above, will make the student eligible to take the National Registry EMT exam.

Note: This course is repeatable.

CHANGE IN MAJOR

1. Fire and Emergency Technology

Current Status/Proposed Change

Fire and Emergency Technology Option: Fire and Emergency Technology 1, 2, 5, 6, 9, 10, 20, 140, 141

Recommended Electives: Fire and Emergency Technology 4, 7, 8, 11, 14, Physical Education 280

Total Units: ~~25~~ 26

Paramedical Technician Option: In order to be eligible for the Paramedical Technician Option, the student must first complete the following requirements:

1. Provide verification of Emergency Medical Technician-1 (EMT-1) certification within the last 12 months;
2. Provide verification of at least ~~42~~ 6 months experience as an EMT-1 in a pre-hospital setting;
3. Complete Fire Technology 15 or equivalent; and
4. Pass a medical examination according to the National Fire Protection Association (NFPA) Standard #1582;
5. Furnish proof of rubella immunity; Tuberculosis (TB) test; Hepatitis B vaccine.

In addition to the program prerequisites, it is recommended that students be eligible, through assessment or coursework, for English 1A and Mathematics 70.

Required Courses (after meeting above requirements):

Fire and Emergency Technology 130, 131, 132, 133, 134, 135, 136, 137, 138, 139

Recommended Electives: Anatomy 30 and any college chemistry course with a laboratory

Total Units: 33

Recommendation:

Fire and Emergency Technology Option: Fire and Emergency Technology 1, 2, 5, 6, 9, 10, 20, 140, 141

Recommended Electives: Fire and Emergency Technology 4, 7, 8, 11, 14, Physical Education 280

Total Units: 26

Paramedical Technician Option: In order to be eligible for the Paramedical Technician Option, the student must first complete the following requirements:

1. Provide verification of Emergency Medical Technician-1 (EMT-1) certification within the last 12 months;
2. Provide verification of at least 6 months experience as an EMT-1 in a pre-hospital setting;
3. Complete Fire Technology 15 or equivalent; and
4. Pass a medical examination according to the National Fire Protection Association (NFPA) Standard #1582;
5. Furnish proof of rubella immunity; Tuberculosis (TB) test; Hepatitis B vaccine.

In addition to the program prerequisites, it is recommended that students be eligible, through assessment or coursework, for English 1A and Mathematics 70.

Required Courses (after meeting above requirements):

Fire and Emergency Technology 130, 131, 132, 133, 134, 135, 136, 137, 138, 139

Recommended Electives: Anatomy 30 and any college chemistry course with a laboratory

Total Units: 33

CHANGE IN CERTIFICATE OF ACHIEVEMENT

1. Fire and Emergency Technology

Current Status/Proposed Change

Fire and Emergency Technology Option: Fire and Emergency Technology 1, 2, 5, 6, 9, 10, 20, 140, 141

Total Units: ~~25~~ 26

Fire Academy Option: Fire and Emergency Technology 1, 140, 141; Fire and Emergency Technology 15 or 115A and 115B; Physical Education 8; three units from: Fire and Emergency Technology 2, 5, 6, 7, 8, 9, 10, 11, 14, 19, 20

Total Units: ~~24.5~~ 25.5

Paramedical Technician Option: In order to be eligible for the Paramedical Technician Option, the student must first complete the following requirements:

1. Provide verification of Emergency Medical Technician-1 (EMT-1) certification within the last 12 months;
2. Provide verification of at least ~~4~~ 6 months experience as an EMT-1 in a pre-hospital setting;
3. Complete Fire Technology 15 or equivalent; and
4. Pass a medical examination according to the National Fire Protection Association (NFPA) Standard #1582;
5. Furnish proof of rubella immunity; Tuberculosis (TB) test; Hepatitis B vaccine.

In addition to the program prerequisites, it is recommended that students be eligible, through assessment or coursework, for English 1A and Mathematics 70.

Required Courses (after meeting above requirements):

Fire and Emergency Technology 130, 131, 132, 133, 134, 135, 136, 137, 138, 139

Recommended Electives: Anatomy 30 and any college chemistry course with a laboratory

Total Units: 33

Recommendation:

Fire and Emergency Technology Option: Fire and Emergency Technology 1, 2, 5, 6, 9, 10, 20, 140, 141

Total Units: 26

Fire Academy Option: Fire and Emergency Technology 1, 140, 141; Fire and Emergency Technology 15 or 115A and 115B; Physical Education 8; three units from: Fire and Emergency Technology 2, 5, 6, 7, 8, 9, 10, 11, 14, 19, 20

Total Units: 25.5

Paramedical Technician Option: In order to be eligible for the Paramedical Technician Option, the student must first complete the following requirements:

1. Provide verification of Emergency Medical Technician-1 (EMT-1) certification within the last 12 months;
2. Provide verification of at least 6 months experience as an EMT-1 in a pre-hospital setting;
3. Complete Fire Technology 15 or equivalent; and
4. Pass a medical examination according to the National Fire Protection Association (NFPA) Standard #1582;
5. Furnish proof of rubella immunity; Tuberculosis (TB) test; Hepatitis B vaccine.

In addition to the program prerequisites, it is recommended that students be eligible, through assessment or coursework, for English 1A and Mathematics 70.

Required Courses (after meeting above requirements):

Fire and Emergency Technology 130, 131, 132, 133, 134, 135, 136, 137, 138, 139

Recommended Electives: Anatomy 30 and any college chemistry course with a laboratory

Total Units: 33

MATHEMATICAL SCIENCES DIVISION

Course Credit awarded for Advanced Placement Exam Scores:

Statistics: Students who score 4 or 5 will be granted course credit for Mathematics 150, Elementary Probability and Statistics (4 units).

Calculus AB: Students who score 4 or 5 will be granted course credit for Mathematics 190, Single Variable Calculus and Analytic Geometry I (5 units).

Calculus BC:

- Students who score 3 will be granted course credit for Mathematics 190, Single Variable Calculus and Analytic Geometry I (5 units).
- Students who score 4 or 5 will be granted course credit for Mathematics 190, Mathematics 190, Single Variable Calculus and Analytic Geometry I and Mathematics 191, Single Variable Calculus and Analytic Geometry II (9 units).

CHANGE IN UNITS; COURSE REVIEW FOR CURRENCY WITH TITLE 5 REQUIREMENTS

1. Mathematics 12 – Basic Arithmetic Skills

Current Status/Proposed Change

Units: 4 3

Recommendation:

Units: 3

2. Mathematics 23 – Pre-Algebra

Current Status/Proposed Change

Units: 4 3

Recommendation:

Units: 3

CHANGES IN DESCRIPTIVE TITLE, LAB HOURS, CONDITIONS OF ENROLLMENT (Pre/Corequisite, Recommended Preparation, or Enrollment Limitation), CATALOG DESCRIPTION; COURSE REVIEW FOR CURRENCY WITH TITLE 5 REQUIREMENTS

Current Status/Proposed Change

1. Mathematics 100 – Supervised Tutoring: Mathematics ~~Center Laboratory~~

~~Minimum 1-hour lab~~ 72 maximum hours per semester

Corequisite: enrollment in an El Camino College Mathematics Department course

Enrollment Limitation: Referral by instructor or counselor based on assessed academic need

This course provides students with supervised tutoring for all levels of related to their assignments in all mathematics courses offered through the at El Camino College Mathematics Department. Emphasis is placed on helping students understand concepts, apply mathematical techniques, and solve problems in a clear and logical manner. The tutoring addresses the application of learning skills, the use of learning resources, and the review of course content.

Note: This course is repeatable and open for enrollment at registration and at any time during the semester.

Recommendation:

Mathematics 100 – Supervised Tutoring: Mathematics

72 maximum hours per semester

Corequisite: enrollment in an El Camino College Mathematics Department course

Enrollment Limitation: Referral by instructor or counselor based on assessed academic need

This course provides students with supervised tutoring related to their assignments in all mathematics courses offered at El Camino College. The tutoring addresses the application of learning skills, the use of learning resources, and the review of course content.

Note: This course is repeatable and open for enrollment at registration and at any time during the semester.

CHANGES IN NUMBER, DESCRIPTIVE TITLE, CATALOG DESCRIPTION; COURSE REVIEW FOR CURRENCY WITH TITLE 5 REQUIREMENTS

Current Status/Proposed Change

1. Mathematics ~~70~~ 80 – Intermediate Algebra for Science, Technology, Engineering, and Mathematics

~~This intermediate algebra course consists of the study of the real number system; complex numbers; functions and their graphs. It is designed for students who are considering further study in the sciences, technology, engineering, or mathematics. In the context of studying a large library of basic functions and their graphs, students strengthen and expand their algebra skills. The library includes linear, quadratic, operations on polynomial, algebraic, rational, radical, exponential, and logarithmic functions; linear and quadratic as well as inverse functions and the absolute value function. Particular emphasis is placed on the operations on functions, as well as solving equations and inequalities; algebraic, exponential and logarithmic. Other topics include solving systems of equations; systems of equations; operations on complex numbers, and applications.~~

Note: Mathematics 80 serves as a prerequisite course for all transfer-level mathematics course sequences, including the calculus sequence.

Recommendation:

Mathematics 80 – Intermediate Algebra for Science, Technology, Engineering, and Mathematics

This intermediate algebra course is designed for students who are considering further study in the sciences, technology, engineering, or mathematics. In the context of studying a large library of basic functions and their graphs, students strengthen and expand their algebra skills. The library includes linear, quadratic, polynomial, rational, radical, exponential, and logarithmic functions, as well as inverse functions and the absolute value function.

Particular emphasis is placed on the operations on functions, as well as solving equations and inequalities. Other topics include solving systems of equations, operations on complex numbers, and applications.

Note: Mathematics 80 serves as a prerequisite course for all transfer-level mathematics course sequences, including the calculus sequence.

NEW COURSE

1. Mathematics 73 – Intermediate Algebra for General Education

Units: 5 Lecture: 5 hours Faculty Load: 33.33%

Prerequisite: Mathematics 40 or 41B with a minimum grade of C in prerequisite or qualification by testing (El Camino College Mathematics Placement Test) and assessment

Credit, degree applicable

Grading Method: Letter grade

This intermediate algebra course is designed for students who are not considering advanced study in the sciences, technology, engineering, or mathematics. In the context of studying basic functions and their graphs, students strengthen and expand their algebra skills.

Functions studied include linear, quadratic, polynomial, rational, and radical functions, as well as the absolute value function. Particular emphasis is placed on the operations on functions, solving equations and inequalities, as well as using functions to model real life situations. Other topics include solving systems of equations and applications.

Note: Mathematics 73 serves as a prerequisite course for all transfer-level mathematics course sequences, except the calculus sequence.

NATURAL SCIENCES DIVISION

INACTIVATE COURSE

1. Physical Science 12 – Designing a Planetary Colony

CHANGE IN CATALOG DESCRIPTION; COURSE REVIEW FOR CURRENCY WITH TITLE 5 REQUIREMENTS

1. Biology 17 – Marine Biology

Current Status/Proposed Change

This is an introductory marine biology lecture course exploring biological principles of structure, function and adaptation for marine life. ~~Local species of~~ It includes a review of the history of marine biology and a discussion of local species of marine plants and animals and will be discussed as well as other important marine species. Major marine communities, will be explored. Human interaction and impact on the ocean is also discussed.

Recommendation:

This is an introductory marine biology lecture course exploring biological principles of structure, function and adaptation for marine life. It includes a review of the history of marine biology and a discussion of local species of marine plants and animals and major marine communities. Human interaction and impact on the ocean is also discussed.

COURSE REVIEW FOR CURRENCY WITH TITLE 5 REQUIREMENTS

1. Biology 18 – Marine Biology Laboratory