

**EL CAMINO COLLEGE
COLLEGE CURRICULUM COMMITTEE
May 25, 2010
Proposed Curriculum Changes for
2011-2012**

FINE ARTS DIVISION

COURSE REVIEW; CHANGES IN CATALOG DESCRIPTION

1. Theatre 70abcd – Beginning Theatre Production

Current Status/Proposed Change

This theatre production course ~~seves as~~ is an acting workshop in which Sstudents learn performance skills and rehearsal discipline through active participation in a major theatrical production. This is an intensive course with extended rehearsal hours to be arranged.

Recommendation:

This theatre production course is an acting workshop in which students learn performance skills and rehearsal discipline through active participation in a major theatrical production. This is an intensive course with extended rehearsal hours to be arranged.

CHANGE IN MAJOR

1. Photography

Current Status/Proposed Change

Photography 10 or Journalism 6 or Photography 51; Photography 1, 2, 3, 23A;
six units from: Photography 4, 11ab* or Journalism 7ab*, Photography 23B, 54, 57, ~~60ab*~~,
Art 141abcd*, Film/Video 22, ~~34ab~~;
three units from: Art 37ab, 142abcd, Business 11, 12, Physics 11 (*one semester)
Recommended Electives: Art 1, ~~2, 3, 4~~, 10ab, ~~87ab~~, 143abcd, Business 20, 24
Total Units: 26

A minimum of 12 units must be completed at El Camino College.

Recommendation:

Photography 10 or Journalism 6 or Photography 51; Photography 1, 2, 3, 23A;
six units from: Photography 4, 11ab* or Journalism 7ab*, Photography 23B, 54, 57, Art
141abcd*, Film/Video 22, 34ab;
three units from: Art 37ab, 142abcd, Business 11, 12, Physics 11 (*one semester)
Recommended Electives: Art 1, 10ab, 143abcd, Business 20, 24
Total Units: 26

A minimum of 12 units must be completed at El Camino College.

CHANGE IN CERTIFICATE OF ACHIEVEMENT

1. Photography

Current Status/Proposed Change

Photography 10 or Journalism 6 or Photography 51; Photography 1, 2, 3, 23A;

nine units from: Film/Video 34ab, Photography 4, Photography 11ab* or Journalism 7ab*, Photography 23B, 54, 57, 60ab*. (*one semester) ~~In addition, the student will be required to submit a portfolio of his/her photographic work to a faculty committee for evaluation of his/her competence and may be required to perform manipulative tests. Upon recommendation of the committee, the certificate will be awarded.~~

Total Units: 26

At least 50% of the courses for the certificate must be taken at El Camino College.

Recommendation:

Photography 10 or Journalism 6 or Photography 51; Photography 1, 2, 3, 23A; nine units from: Film/Video 34ab, Photography 4, Photography 11ab* or Journalism 7ab*, Photography 23B, 54, 57 (*one semester)

Total Units: 26

At least 50% of the courses for the certificate must be taken at El Camino College.

INACTIVATION

1. Theatre 72ab – Advanced Theatre Production

HEALTH SCIENCES AND ATHLETICS DIVISION

COURSE REVIEW; CHANGES IN CONDITIONS OF ENROLLMENT (Prerequisite, Corequisite, Recommended Preparation, or Enrollment Limitation), CATALOG DESCRIPTION

1. Educational Development 31abcd – Increased Learning Performance

Current Status/Proposed Change

Enrollment Limitation: ~~None~~ Concurrent enrollment in an El Camino College English or Mathematics course

In this laboratory course, students will increase learning performance and study skills ~~that~~ which relate to content of other El Camino College courses. Students will ~~also~~ enhance their critical thinking and time management skills, ~~and~~ They will evaluate appropriate campus resources and assistive technologies that improve which may promote academic success. ~~In addition,~~ Specific sections of the course will be offered for English to support writing and mathematics skills.

Note: This course is appropriate for students with disabilities.

Note: Pass/no pass only.

Recommendation:

Enrollment Limitation: Concurrent enrollment in an El Camino College English or Mathematics course

In this laboratory course, students will increase learning performance and study skills which relate to content of other El Camino College courses. Students will enhance their critical thinking and time management skills. They will evaluate appropriate campus resources and assistive technologies which may promote academic success. Specific sections of the course will be offered to support writing and mathematics skills.

Note: This course is appropriate for students with disabilities.

Note: Pass/no pass only.

COURSE REVIEW; CHANGE IN CATALOG DESCRIPTION

1. Nursing 101 – Exploring Health Occupation Careers

Current Status/Proposed Change

This is an introductory course for students considering careers in health care or wishing to become more familiar with the roles of other health care professionals. Students will explore career options and be introduced to the major job responsibilities and technical skill requirements of a variety of health care occupations. The information provided will enable students to match their abilities and interests to a specific health care occupation.

Recommendation:

This is an introductory course for students considering careers in health care or wishing to become more familiar with the roles of other health care professionals. Students will explore career options and be introduced to the major job responsibilities and technical skill requirements of a variety of health care occupations. The information provided will enable students to match their abilities and interests to a specific health care occupation.

2. Physical Education 126abc – Off-Season Training for Women’s Intercollegiate Swimming Team

Current Status/Proposed Change

This course provides instruction and practice in the advanced techniques of swimming. Students will engage in skill development and swim conditioning ~~as well as resistance training specific~~ related to competitive swimming.

Recommendation:

This course provides instruction and practice in the advanced techniques of swimming. Students will engage in skill development and swim conditioning related to competitive swimming.

NEW COURSES

1. Respiratory Care 289 – Advanced Respiratory Care of the Asthmatic Patient

Units: 3 Lecture: 2 hours Lab: 3 hours TBA Faculty Load: 28.334%

Enrollment Limitation: Students must be admitted to the El Camino College Respiratory Care Program or be graduated from an accredited respiratory care program.

Credit, degree applicable

This course provides instruction in asthma management associated with advanced respiratory care. Topics include diagnosing and assessing the severity of asthma; medications; ability to treat asthma in an ambulatory setting; special considerations in childhood asthma; the use of pulmonary function testing and peak flow monitoring to diagnosis and manage asthma; identifying allergic sensitivities and promoting allergen avoidance; as well as being able to develop and implement asthma action plans.

2. Respiratory Care 290 – Advanced Specialty Respiratory Gases
 Units: 2 Lecture: 1 hour Lab: 3 hours TBA Faculty Load: 21.667%
 Enrollment Limitation: Students must be admitted to the El Camino College Respiratory Care Program or be graduated from an accredited respiratory care program.
 Credit, degree applicable
 This course provides instruction in respiratory specialty gases. Topics include the physiology of nitric oxide and heliox specialty gases, indications for use, contraindications, dose and dose titration, hazards, as well as the delivery and monitoring of each gas.

3. Respiratory Care 291 – Advanced Specialty Ventilators and Specialized Oxygen Delivery Devices
 Units: 3 Lecture: 2 hours Lab: 3 hours TBA Faculty Load: 28.334%
 Enrollment Limitation: Students must be admitted to the El Camino College Respiratory Care Program or be graduated from an accredited respiratory care program.
 Credit, degree applicable
 This course provides instruction in specialty ventilators and oxygen delivery devices. Topics include high frequency oscillatory ventilation; high frequency jet ventilation; Vapotherm; SiPAP; and T-Piece Resuscitation. The indications, contraindications, and appropriate delivery will be discussed and reviewed for multiple patient populations.

4. Respiratory Care 292 – Advanced Clinical Application and Interpretation of Blood Gases
 Units: 2 Lecture: 2 hours Lab: 0 hours Faculty Load: 13.334%
 Enrollment Limitation: Students must be admitted to the El Camino College Respiratory Care Program or be graduated from an accredited respiratory care program.
 Credit, degree applicable
 This course provides instruction in respiratory clinical application of blood gases. Topics include the fundamentals of acid-base and respiratory physiology; assessment and interpretation of blood gas values; blood gas values applied to patient care; validation of results with other modalities; and appropriate methods to collect, analyze, and report blood gas results

5. Respiratory Care 293 – Cardiac Monitoring in Advanced Respiratory Care
 Units: 4 Lecture: 3 hours Lab: 3 hours Faculty Load: 35.001%
 Enrollment Limitation: Students must be admitted to the El Camino College Respiratory Care Program or be graduated from an accredited respiratory care program.
 Credit, degree applicable
 This course provides instruction in cardiac monitoring associated with advanced respiratory care. Topics include twelve-lead Electrocardiogram interpretation; central venous pressure; Pulmonary Artery Pressure; Cardiac Index; and usage of pressure transducers, pulmonary and arterial catheters, as well as treatment of cardiac conditions using electrolytes, cardiac medications and diuretics. Laboratory experiments and clinical visitation will be used to complement the didactic instruction.

6. Respiratory Care 294 – Pulmonary Function Testing in Advanced Respiratory Care
 Units: 4 Lecture: 3 hours Lab: 3 hours Faculty Load: 35.001%
 Enrollment Limitation: Students must be admitted to the El Camino College Respiratory Care Program or be graduated from an accredited respiratory care program
 Credit, degree applicable

This course provides instruction in pulmonary function testing associated with advanced respiratory care. Topics include metabolic measurements using indirect calorimetry; pediatric pulmonary function testing; cardiopulmonary exercise testing; sleep studies; and bronchoscopy. Laboratory experiments and clinical visitation will be used to complement didactic instruction.

7. Respiratory Care 295 – Pharmacology in Advanced Respiratory Care
 Units: 3 Lecture: 3 hours Lab: 0 hours Faculty Load: 20.001%
 Enrollment Limitation: Students must be admitted to the El Camino College Respiratory Care Program or be graduated from an accredited respiratory care program.
 Credit, degree applicable
 This course provides instruction in pharmacology associated with advanced respiratory care. Topics include current trends in respiratory pharmacology; the use of sedatives, analgesics, antibiotics, and paralytic agents in various delivery forms during advanced therapeutic modalities; as well as other pharmacological agents used during specialized testing regimens.

8. Respiratory Care 296 – Physical Examination in Advanced Respiratory Care
 Units: 4 Lecture: 3 hours Lab: 3 hours Faculty Load: 35.001%
 Enrollment Limitation: Students must be admitted to the El Camino College Respiratory Care Program or be graduated from an accredited respiratory care program.
 Credit, degree applicable
 This course provides instruction in physical examination associated with advanced respiratory care. Topics include physical assessment; collection of lab data; the interview process; and current imaging studies.

9. Respiratory Care 297 – Cardiac Monitoring in Advanced Respiratory Care
 Units: 4 Lecture: 3 hours Lab: 3 hours Faculty Load: 35.001%
 Enrollment Limitation: Students must be admitted to the El Camino College Respiratory Care Program or be graduated from an accredited respiratory care program
 Credit, degree applicable
 This course provides instruction in perinatology and pediatrics associated with advanced respiratory care. Topics include respiratory care monitoring; diagnostics; advanced concepts in emergency procedures; and current topics in perinatal and pediatric respiratory care. Laboratory experiments and clinical visitation will be used to complement lectures.

10. Respiratory Care 298 – Advanced Emergency Management
 Units: 3 Lecture: 2 hours Lab: 3 hours TBA Faculty Load: 28.334%
 Enrollment Limitation: Students must be admitted to the El Camino College Respiratory Care Program or be graduated from an accredited respiratory care program.
 Credit, degree applicable
 This course provides instruction on the role of the respiratory therapist during disaster management. Topics include intra-hospital transport; land and air transport; rapid response teams; distinguishing the various color codes within a hospital; disaster preparedness at the federal, state, and local levels; and the requirements for disaster preparedness within the hospital.

INACTIVATION

1. Educational Development 14 – American Sign Language for Deaf and Hard of Hearing Students

HUMANITIES DIVISION**COURSE REVIEW; CHANGE IN CATALOG DESCRIPTION**

1. English 29 - The Short Novel

Current Status/Proposed Change

~~Through an analysis of its~~ Students discuss and analyze the history, technique, and meaning; ~~students are encouraged to understand of~~ the short novel as a distinctive form of fiction and ~~to consider the form in its own right as well as in~~ relationship to the short story and the novel. ~~For insight into the development of the short novel genre,~~ Students read works by authors of various cultures to gain insight into the development of the short novel genre.

Recommendation:

Students discuss and analyze the history, technique, and meaning of the short novel as a distinctive form of fiction and in relationship to the short story and the novel. Students read works by authors of various cultures to gain insight into the development of the short novel genre.

2. English 39 – Literature and Film

Current Status/Proposed Change

~~In This course provides an exploration of literary works and corresponding feature length films. S~~students analyze selected compare original literary works and genres with their film adaptations. Students view films based on novels and short stories as well as filming and assess how cinematic and literary techniques are employed to convey meaning. ~~Oral and written analyses will feature comparisons of the original literary work and its film adaptation.~~

Recommendation:

In this course, students compare original literary works and genres with their film adaptations. Students view films based on novels and short stories and assess how cinematic and literary techniques are employed to convey meaning.

3. Japanese 21ab – Beginning Conversational Japanese

Current Status/Proposed Change

~~This course develops fluency~~ Students develop competency in Japanese oral expression, increases oral comprehension, and improves pronunciation conversational strategies. Students learn how to converse in various situations, such as business, travel, and dining within the context of Japanese culture.

Recommendation:

Students develop competency in Japanese oral expression, oral comprehension, and conversational strategies. Students learn how to converse in various situations, such as business, travel, and dining within the context of Japanese culture.

INDUSTRY AND TECHNOLOGY DIVISION

COURSE REVIEW; CHANGE IN CATALOG DESCRIPTION

1. Machine Tool Technology 2 – Manufacturing Print Reading

Current Status/Proposed Change

~~In this course, s~~Students are introduced to working engineering drawings, ~~blueprints,~~ and engineering specifications used in manufacturing industries. Representative drawings from simple production to complex assembly will be used to demonstrate concepts and for practice in interpreting the symbols and notations. Geometric Dimensioning and Tolerancing (GD&T) in accordance with American National Standards Institute (ANSI) Y-14.5 and the sketching of simple machine parts are also discussed.

Recommendation:

Students are introduced to engineering drawings and engineering specifications used in manufacturing industries. Representative drawings from simple production to complex assembly will be used to demonstrate concepts and for practice in interpreting the symbols and notations. Geometric Dimensioning and Tolerancing (GD&T) in accordance with American National Standards Institute (ANSI) Y-14.5 and the sketching of simple machine parts are also discussed.

2. Welding 15ab – Basic Welding for Allied Fields

Current Status/Proposed Change

This is a basic course for students in allied fields that utilize welding processes. Students will be introduced to welding equipment, nomenclature, safety, ~~and the oxy-acetylene, shielded metal arc welding,~~ and gas metal arc welding processes. ~~Manipulative s~~Skills will be developed in cutting and welding in the flat and ~~in the vertical down~~ horizontal positions.

Recommendation:

This is a basic course for students in allied fields that utilize welding processes. Students will be introduced to welding equipment, nomenclature, safety, oxy-acetylene, shielded metal arc welding, and gas metal arc welding. Skills will be developed in cutting and welding in the flat and horizontal positions.

3. Welding 21 – Basic Shielded Metal Arc Welding (SMAW)

Current Status/Proposed Change

This is a basic course in shielded metal arc welding designed to provide the student with ~~manipulative~~ cutting and welding skills in the flat and horizontal fillet positions. The course also includes a study of welding nomenclature, equipment, occupational safety, joint design, electrode classification, and weld symbols, ~~and blueprint reading.~~

Recommendation:

This is a basic course in shielded metal arc welding designed to provide the student with cutting and welding skills in the flat and horizontal fillet positions. The course also includes a study of welding nomenclature, equipment, occupational safety, joint design, electrode classification, and weld symbols.

COURSE REVIEW; CHANGES IN CONDITIONS OF ENROLLMENT (Prerequisite, Corequisite, Recommended Preparation, or Enrollment Limitation), CATALOG DESCRIPTION

1. Machine Tool Technology 47abcd – NIMS Level I Credential Preparation

Current Status/Proposed Change

Prerequisite: Machine Tool Technology ~~43A~~ 101abcd or Machine Tool Technology 46 or Machine Tool Technology 16ab with a minimum grade of C in each prerequisite course

~~In this course s~~Students will develop their machining skills in preparation for the seven categories of NIMS (National Institute for Metalworking Skills (NIMS) Level I credential examinations. Skill development activities will focus on safe machining practices; ~~blueprint reading~~, engineering drawings; machine tool calculations; workpiece inspection; set up; and operation of conventional machine tools.

Note: Pass/no pass option only.

Recommendation:

Prerequisite: Machine Tool Technology 101abcd or Machine Tool Technology 46 or Machine Tool Technology 16ab with a minimum grade of C in each prerequisite course

Students will develop machining skills in preparation for the seven categories of National Institute for Metalworking Skills (NIMS) Level I credential examinations. Skill development activities will focus on safe machining practices; engineering drawings; machine tool calculations; workpiece inspection; set up and operation of conventional machine tools.

Note: Pass/no pass option only.

COURSE REVIEW; CHANGES IN CONDITIONS OF ENROLLMENT (Prerequisite, Corequisite, Recommended Preparation, or Enrollment Limitation), CREDIT STATUS, UNITS, LECTURE/LAB HOURS, CATALOG DESCRIPTION

1. Cosmetology 4 – Cosmetology Practicum

Current Status/Proposed Change

Credit, ~~Not~~ Degree Applicable

Units: ~~0.5—10~~ 4 Lecture: ~~4.5—90~~ 2.0 Lab Hours: ~~13.5—270~~ 10.0

Prerequisite: Cosmetology ~~3~~ 1 or Cosmetology ~~14~~ 10 with a minimum grade of C

This course is designed for the student who ~~has completed the daytime or evening cosmetology course series and lacks~~ is in need of receiving hours for the toward their State Board of Cosmetology ~~examination~~ requirement. The focus of this class is on the advanced principles and practical operations of cosmetology equipment, procedures and techniques.

Note: This course is repeatable.

Recommendation:

Credit, Degree Applicable

Units: 4 Lecture: 2.0 Lab Hours: 10.0

Prerequisite: Cosmetology 1 or Cosmetology 10 with a minimum grade of C

This course is designed for the student who is in need of receiving hours toward their State Board of Cosmetology requirement. The focus of this class is on the advanced principles and practical operations of cosmetology equipment, procedures and techniques.

Note: This course is repeatable.

INACTIVATION

1. Administration of Justice 70 – Introduction to Industrial Security
2. Welding 1 – Introduction to Welding Process

Note: Proposed curriculum changes will be effective Fall 2011. All major/certificate revisions were board approved July 19, 2010 to be implemented with the 2011-2012 El Camino College requirements.