EL CAMINO COLLEGE
MINUTES OF THE COLLEGE CURRICULUM COMMITTEE
November 7, 2017

CALL TO ORDER

Meeting called to order at 2:33 p.m. by Chair Young.

Recorder: C. Escutia

Members:

Present: M. Anderson, C. Cervantes, M. Chaban R. Davis, R. Donegan, R. Ekimyan, D. Eldanaf, E. French-Preston, J. Minei, R. Miranda, D. Roman, J. Shankweiler, C. Striepe
Absent: C. Glover

Ex-Officio Members:

Present: I. Castro, L. Plum, L. Suekawa, L. Young
Absent: L. Clowers, A. Osanyinpeju

Guests: R. Carey, W. Cox, L. Linka, C. Neumann

I. APPROVAL OF MINUTES

Minutes of October 24, 2017, were approved via email by the College Curriculum Committee on October 31, 2017.

II. CHAIR'S REPORT

College Curriculum Committee Chair – J. Young

Chair Young began the meeting by telling the committee that she attended two days of the Academic Senate Plenary Session and attended workshops on curriculum updates, Career and Technical Education (CTE) non-credit courses and certificates, and new legislation. As this curriculum meeting had a full agenda, she stated that she will report on the Plenary at a future meeting.

Chair Young requested a volunteer for the December 5 Standard Review Committee, J. Minei volunteered.

III. CURRICULUM ADVISOR'S REPORT

Curriculum Advisor – L. Plum

L. Plum reiterated that they are aware of the ongoing CurricUNET issues and are doing their best to work around the problems. She stressed the importance of selecting the correct proposal type for courses in CurricUNET. The proposal type selected determines the approval process, and once selected, cannot be changed. At the next DCC meeting, L. Plum suggested advising faculty to be mindful when reviewing courses of whether it is a course review, CTE 2-year

review, number change, reactivation, or inactivation. If faculty is unsure or has questions, please direct them to contact Curriculum Advisor L. Plum.

IV. CURRICULUM REVIEW

A. Full Course Review

1. Biology 12 (BIOL 12)
2. Biology 101 (BIOL 101)
3. Biology 103 (BIOL 103)
4. Chemistry 1A (CHEM 1A)
5. English 23A (ENGL 23A)
6. English 24A (ENGL 24A)
7. Fire and Emergency Technology 16 (FTEC 16)
8. Fire and Emergency Technology 120 (FTEC 120)
9. Geology 7 (GEOL 7)
10. Geology 34 (GEOL 34)
11. Sociology 101 (SOCI 101)
12. Sociology 104 (SOCI 104)
13. Welding 1B (WELD 1B)

B. Consent Agenda Proposals

1. Air Conditioning and Refrigeration 6 (ACR 6)
2. Automotive Technology 11 (ATEC 11)
3. Automotive Technology 14 (ATEC 14)
4. Automotive Technology 16 (ATEC 16)
5. Automotive Technology 22A (ATEC 22A)
6. Automotive Technology 22B (ATEC 22B)
7. Automotive Technology 23 (ATEC 23)
8. Automotive Technology 24 (ATEC 24)
9. Automotive Technology 25 (ATEC 25)
10. Automotive Technology 33 (ATEC 33)
11. Automotive Technology 34 (ATEC 34)
12. Automotive Technology 35 (ATEC 35)
13. Automotive Technology 43 (ATEC 43)
14. Chemistry 1B (CHEM 1B)
15. Construction Technology 10 (CTEC 10)
16. Construction Technology 110 (CTEC 110)
17. Construction Technology 150 (CTEC 150)
18. Construction Technology 180 (CTEC 180)
19. Cosmetology 1 (COSM 1)
20. Economics 1H (ECON 1H)
21. Fire and Emergency Technology 1 (FTEC 1)
22. Fire and Emergency Technology 100 (FTEC 100)
23. Fire and Emergency Technology 40A (FTEC 40A)
24. Fire and Emergency Technology 40B (FTEC 40B)
25. History 10H (HIST 101H)
26. History 102H (HIST 102H)

27. History 122H (HIST 122H)
28. Philosophy 101H (PHIL 101H)
29. Philosophy 105H (PHIL 105H)
30. Political Science 10H (POLI 10H)
31. Psychology 3H (PSYC 3H)
32. Sociology 101H (SOCI 101H)
33. Spanish 1H (SPAN 1H)

C. Consent Agenda Program Proposals

1. Economics AA Degree
2. Economics AA-T Degree
3. History AA Degree
4. History AA-T Degree
5. Philosophy AA Degree
6. Philosophy AA-T Degree
7. Psychology AA Degree
8. Psychology AA-T Degree
9. Sociology AA Degree
10. Sociology AA-T Degree

CURRICULUM DISCUSSION

A. Full Course Review

Behavioral & Social Sciences Division

Sociology 101 Introduction to Sociology and Sociology 104 Social Problems were presented for course review. A minor change was made to the catalog description for Sociology 104. There were no comments or questions from the committee.

Chair Young called for a motion to approve Sociology 101 and Sociology 104. It was moved by R. Donegan to approve, C. Striepe seconded. The motion carried.

Humanities Division

English 23A Introduction to Creative Nonfiction was introduced as a new course with no comments or questions from the committee. English 24A Creative Writing: Introduction to Poetry was presented for course review; update to non-standard texts was addressed.

Chair Young called for a motion to approve English 23A and English 24A. It was moved by E. French-Preston to approve, J. Minei seconded. The motion carried.

Industry & Technology Division

Fire and Emergency Technology 16 - Fire Fighter 1 Capstone Testing was introduced as a new course. A minor typo was addressed.

Fire and Emergency Technology 120 - Emergency Medical Foundations was introduced as a new course. A suggested change to the course description was approved and minor

typos were corrected. J. Shankweiler questioned how FTEC 120 fits into the EMT program. EMT professor R. Carey responded that this course will give students a foundational understanding of emergency medicine and help prepare them for success in the FTEC 144 (EMT) course. A need had been demonstrated through FTEC 144 students who do not pass the first time, and are required to take it again for a passing grade to earn a certificate.

Welding 1B - Advanced Welding for Manufacturing was introduced as a new course. A change to the course description was approved.

Chair Young called for a motion to approve the new courses. It was moved by C. Striepe to approve, R. Davis seconded. The motion carried.

Natural Sciences Division

Biology 12 Field Zoology was presented for course review. A few minor edits were made to fix spacing and change the numbering to standard outline style.

Biology 101 Principles of Biology I was presented for course review. L. Suekawa had a question regarding adding more detail to the lab topics to show more hands-on experience. BIOL 101 was tabled to allow more time to define the lab topics.

Biology 103 Fundamentals of Molecular Biology was presented for course review. A recommendation was made to change topics to the standard outline style, which was approved.

Chemistry 1A General Chemistry I was presented for course review. A question regarding the lab manual was answered.

Geology 34 Geology Laboratory of Southeastern California was presented for course review. L. Suekawa had a question regarding the "Note" for UC. It was agreed to remove the note.

Geology 7 Environmental Science I was tabled to allow more time for review by the VPAA.

Chair Young called for a motion to approved BIOL 12, BIOL 103, CHEM 1A, and GEOL 34. It was moved by R. Donegan to approve, D. Roman seconded. The motion carried.

B. Consent Agenda Course Proposals

Philosophy 101H, Philosophy 105H, ACR 6, ATEC 22B, and CTEC 180 had minor revisions and typos corrected. Spanish 1H was revised to include more critical thinking and writing assignments. C. Striepe had a question regarding ATEC 35 and whether the course description should include drive axles. It was determined it should and was added. A correction was made to the outline for COSM 1, as this course is not UC transferable and should not be proposed for UC transfer.

It was moved by R. Donegan, seconded by D. Roman, that the committee approve the 33 consent agenda proposals. The motion carried.

C. Consent Agenda Program Proposals

Chair Young tabled the program proposals for the next meeting in order to give Articulation Officer L. Suekawa time to review.

V. College Curriculum Committee Training

Today's training focused on the *Paper Process for Approving Degrees and Certificates.* Chair Young noted that the approval feature for degrees and certificates in CurricUNET is not functioning. She reviewed the temporary process to be used in order to continue with the approval process. Chair Young showed the committee the form they will use to record their votes and comments. Both the form and the degrees, certificates, and any required documentation will be emailed to the committee on Friday, November 17. Review results will be due Monday, November 27. These degrees and certificates will be reviewed at the final meeting on December 5.

VI. Administrative Procedure 4022 - Course Approval

Chair Young presented Administrative Procedure 4022- Course Approval to the committee for their review and approval. The language in this procedure is taken directly from Title 5 Section 55100. The Chancellor's Office requires that colleges have this administrative procedure in place.

J. Shankweiler indicated that the administrative procedure will need to be reviewed by Council of Deans and Ed Policies before submitting to the Board for approval.

It was moved by E. French-Preston, seconded by J. Minei, that Administrative Procedure 4022 be forwarded to the committees for review.

VII. Division Review Plan for Spring 2018

Chair Young reminded the CCC members that the Division Plans for Spring 2018 are due to the Curriculum Office by Tuesday, December 5. She showed the committee the new template that all divisions must use to prepare and submit their plans and explained that C. Escutia has emailed the form to them and their deans. She reminded the CCC that they must review any courses that are out-of-compliance before they may submit new courses, new degrees, or new certificates. Questions about courses in need of review should be directed to Curriculum Advisor L. Plum.

VIII. VICE PRESIDENT'S REPORT

Vice President of Academic Affairs – J. Shankweiler

J. Shankweiler discussed AB705 which will require that students enter and complete transfer-level coursework in English and mathematics within a year. This reform is creating a high level of anxiety in the English and mathematics departments. We are currently waiting for guidance from the Chancellor's Office on how to proceed since implementation is effective January 1, 2018. Recently, J. Shankweiler attended the CIO meeting for the state and the Chancellor was asked for more time. His response was "can we make our students wait longer?" This transformational project will affect many areas including curriculum, schedules and course offerings. A number of faculty are attending the Academic Senate Southern Regional Curriculum Institute on November 18, 2017.

IX. ANNOUNCEMENTS

- CCC Meeting #6: November 21, 2017 – 2:30-4:30 p.m., DE/Library 166

X. ADJOURNMENT

Chair Young called for a motion to adjourn the meeting. M. Chaban moved to adjourn, C. Striepe seconded, and the motion carried. Meeting was adjourned at 3:44 p.m.

EL CAMINO COLLEGE

COLLEGE CURRICULUM COMMITTEE

November 7, 2017
Approved Curriculum Changes Proposed for 2018-2019

New Courses

1. Economics 1H - Honors Principles of Economics: Macroeconomics
   Units: 3.0 Lecture Hours: 3.0 Lab: 0 Faculty Load: 20.00%
   Prerequisite: A minimum grade of C in Mathematics 73 or Mathematics 80 or qualification by testing (El Camino College Mathematics Placement Test) and assessment
   Recommended Preparation: Eligibility for English 1A
   Grading Method: Letter
   Credit Status: Associate Degree Credit
   Proposed CSU Transfer
   Proposed UC Transfer
   El Camino College AA/AS General Education - Area 2C
   Proposed CSU General Education - Area D2
   Proposed IGETC - Area 4B

   This honors course, intended for students in the Honors Transfer Program, introduces students to the principles that explain the operation of the national economy. Topics to be analyzed include consumption of products, exchange, aggregate output, the money supply, national income, price level, economic growth, international trade, international finance, and macroeconomics policies. This course is enriched through extensive, rigorous reading, writing, and research assignments.

   Note: Students may take either Economics 1 or Economics 1H. Duplicate credit will not be awarded.

2. English 23A - Introduction to Creative Nonfiction
   Units: 3.0 Lecture Hours: 3.0 Lab: 0 Faculty Load: 20.00%
   Recommended Preparation: Eligibility for English 1A
   Grading Method: Both
   Credit Status: Associate Degree Credit
   Proposed CSU Transfer
   El Camino College AA/AS General Education - Area 3
   Proposed CSU General Education - Area C2
   Proposed IGETC - Area 3B

   This course is an introduction to creative nonfiction, which includes memoir writing, literary nonfiction, and the personal essay. Students will study the techniques of creative nonfiction through the examination of diverse authors and will work towards transforming real-life events and experiences into finished narratives using the same techniques as fiction, such as character development, dialogue, setting, and conflict. Students will also

learn the development of the creative process, including writing exercises, peer workshop, and revision.

3. Fire and Emergency Technology 16 - Fire Fighter 1 Capstone Testing
   Units: 1.5 Lecture Hours: 0 Lab: 4.5 Faculty Load: 20.50%
   Prerequisite: Fire and Emergency Technology 15 with a minimum grade of C
   Grading Method: Pass / No Pass
   Credit Status: Non-Degree Credit

   This course encompasses the California State Fire Marshal “Capstone Testing” program. Students who have graduated from a California State Fire Marshal certified fire academy are required to pass this course, in order to receive certification as a Fire Fighter 1. Topics covered include self-contained breathing apparatus, ladders, hose, tools and equipment, wildland fire fighting, hazardous materials and general firefighting knowledge. A certificate from the California State Fire Marshal will be issued to students who successfully pass this course according to current State Fire Marshal standards.

4. Fire and Emergency Technology 120 - Emergency Medical Foundations
   Units: 3.0 Lecture Hours: 3.0 Lab: 0 Faculty Load: 20.00%
   Grading Method: Letter
   Credit Status: Non-Degree Credit

   The Emergency Medical Foundations course prepares students for prehospital assessment and care for patients of all ages with a variety of medical conditions and traumatic injuries. Areas of study include an introduction to emergency medical services systems, roles and responsibilities of prehospital care workers, safety principles, anatomy and physiology, medical emergencies, trauma, and emergency scene management.

   Note: This course is recommended for any students interested in emergency medicine which includes, but not limited to: EMT's, paramedics, nurses, and doctors. The principles covered throughout the course are universal to the foundation of emergency medicine.

5. History 101H - Honors United States History to 1877
   Units: 3.0 Lecture Hours: 3.0 Lab: 0 Faculty Load: 20.00%
   Recommended Preparation: Eligibility for English 1A
   Grading Method: Letter
   Credit Status: Associate Degree Credit
   Proposed CSU Transfer
   Proposed UC Transfer
   El Camino College AA/AS General Education - Area 2A
   Proposed CSU General Education - Area C2
   Proposed IGETC - Area 3B, 4F

   This honors course, intended for students in the Honors Transfer Program, is a chronological survey of American social, intellectual, political, economic, and diplomatic institutions. Major topics in the course include colonization, slavery, the American

Revolution, Native Americans, the Civil War and Reconstruction. This course is enriched through extensive, rigorous reading, writing, and research assignments.

Note: Students may take either History 101 or History 101H. Duplicate credit will not be awarded.

6. History 102H - Honors United States History from 1877 to the Present
   Units: 3.0 Lecture Hours: 3.0 Lab: 0 Faculty Load: 20.00%
   Recommended Preparation: Eligibility for English 1A
   Grading Method: Letter
   Credit Status: Associate Degree Credit
   Proposed CSU Transfer
   Proposed UC Transfer
   El Camino College AA/AS General Education - Area 2A
   Proposed CSU General Education - Area C2, D6
   Proposed IGETC - Area 3B, 4F

   This honors course, intended for students in the Honors Transfer Program, is a chronological survey of American history from 1877 to the present, focusing on American social, intellectual, political, economic, and diplomatic institutions. Major topics include culture, ethnic and racial diversity, and the role of the United States with the context of world history. This course is enriched through extensive, rigorous reading, writing, and research assignments.

   Note: Students may take either History 102 or History 102H. Duplicate credit will not be awarded

7. History 122H - Honors United States Social History: Cultural Pluralism in America
   Units: 3.0 Lecture Hours: 3.0 Lab: 0 Faculty Load: 20.00%
   Recommended Preparation: Eligibility for English 1A
   Grading Method: Letter
   Credit Status: Associate Degree Credit
   Proposed CSU Transfer
   Proposed UC Transfer
   El Camino College AA/AS General Education - Area 2A
   Proposed CSU General Education - Area C2, D6
   Proposed IGETC - Area 3B, 4F

   This honors course, intended for students in the Honors Transfer Program, surveys the role and contributions of ethnic groups and racial minorities to United States history. Emphasis is placed on these groups' cultural interaction with the American way of life from colonial times to the present. Focus will also be given to the ways that race and ethnicity have shaped personal lives, communities, the nation, and international relations.

   Note: Students may take either History 122 or History 122H. Duplicate credit will not be awarded.

8. Philosophy 101H - Honors Introduction to Philosophy
   Units: 3.0 Lecture Hours: 3.0 Lab: 0 Faculty Load: 20.00%
   Recommended Preparation: Eligibility for English 1A
   Grading Method: Letter
   Credit Status: Associate Degree Credit
   Proposed CSU Transfer
   Proposed UC Transfer
   El Camino College AA/AS General Education - Area 3
   Proposed CSU General Education - Area C2
   Proposed IGETC - Area 3B

   This honors course, intended for students in the Honors Transfer Program, introduces philosophical ideas and methods concerning knowledge, reality and values. Expected topics will include the sources and limits of knowledge, and the nature of reality. Other topics that may be examined from a philosophical perspective include the nature of the self, religion, science, language, beauty and art, political theory, or mind. This course is enriched through extensive, rigorous reading, writing, and research assignments.

   Note: Students may take either Philosophy 101 or Philosophy 101H. Duplicate credit will not be awarded.

9. Philosophy 105H - Honors Critical Thinking and Discourse
   Units: 3.0 Lecture Hours: 3.0 Lab: 0 Faculty Load: 20.00%
   Prerequisite: A minimum grade of C in English 1A or English 1AH
   Grading Method: Letter
   Credit Status: Associate Degree Credit
   Proposed CSU Transfer
   Proposed UC Transfer
   El Camino College AA/AS General Education - Area 4B
   Proposed CSU General Education - Area A3
   Proposed IGETC - Area 1B

   This honors course, intended for students in the Honors Transfer Program, focuses on the study and development of critical reasoning and effective argumentation. Emphasis is placed on the application of critical thinking skills to the production of clear, well-argued position and advocacy papers and to the linguistic and logical analysis of the writings of others. Students' papers and other writings will total a minimum of 6,000-8,000 words. This course is enriched through extensive rigorous reading, writing, and research assignments.

   Note: Students may either take Philosophy 105 or Philosophy 105H. Duplicate credit will not be awarded.

10. Political Science 10H - Honors Introduction to International Relations
    Units: 3.0 Lecture Hours: 3.0 Lab: 0 Faculty Load: 20.00%
    Recommended Preparation: Political Science 1 and eligibility for English 1A
    Grading Method: Letter
    Credit Status: Associate Degree Credit
    Proposed CSU Transfer
    Proposed UC Transfer
    El Camino College AA/AS General Education - Area 2B
    Proposed CSU General Education - Area D8
    Proposed IGETC - Area 4H

    This honors course, intended for students in the Honors Transfer Program, students will examine the factors that determine the relations between nations and the problems that result from the interplay of these factors. The conditions that can lead to both conflict and cooperation among nations will be examined. Major topics include international security, issues of international political economy, and international organizations. International law and diplomacy are examined as alternative means of resolving conflict. This course is enriched through extensive, rigorous reading, writing, and research assignments.

    Note: Students may take either Political Science 10 or Political Science 10H. Duplicate credit will not be awarded for Political Science 10 or Political Science 10H.

    *Note: Some UC transferable courses have credit limitations. For details, see a counselor, the Transfer Center advisor, or the articulation officer.

11. Psychology 3H - Honors Critical Thinking and Psychology
    Units: 3.0 Lecture Hours: 3.0 Lab: 0 Faculty Load: 20.00%
    Prerequisite: A minimum grade of C in English 1A or English 1AH
    Grading Method: Letter
    Credit Status: Associate Degree Credit
    Proposed CSU Transfer
    Proposed UC Transfer
    El Camino College AA/AS General Education - Area 4B
    Proposed CSU General Education - Area A3
    Proposed IGETC - Area 1B

    This honors course, intended for students in the Honors Transfer Program, focuses on the development of critical thinking skills related to psychology. In addition to learning basic skills of logic, students will also learn about the logic of the scientific method and the common errors of human cognition that impede critical thinking. Emphasis is placed on the application of critical thinking skills to writing effective arguments, analyzing the writings of others, and understanding contemporary controversies in psychology.

    Note: Students may take either Psychology 3 or Psychology 3H. Duplicate credit will not be awarded.

12. Sociology 101H - Honors Introduction to Sociology
    Units: 3.0 Lecture Hours: 3.0 Lab: 0 Faculty Load: 20.00%
    Recommended Preparation: Eligibility for English 1A
    Grading Method: Letter
    Credit Status: Associate Degree Credit
    Proposed CSU Transfer
    Proposed UC Transfer
    El Camino College AA/AS General Education - Area 2C
    Proposed CSU General Education - Area D10
    Proposed IGETC - Area 4J

    This honors course, intended for students in the Honors Transfer Program, introduces students to the major theoretical perspectives, concepts, and areas of study in sociology. It critically examines the relationship between the social environment and human behavior, specifically on how social forces such as race, gender, sexuality, age, and social class shape our everyday lives. In addition to learning sociological theories and research methods, students gain an understanding of sociological concepts such as culture, socialization, social institutions, deviance, stratification, and social change. This course is enriched through extensive, rigorous reading, writing, and research assignments.

    Note: Students may take either Sociology 101 or Sociology 101H. Duplicate credit will not be awarded.

13. Spanish 1H - Honors Elementary Spanish I
    Units: 4.0 Lecture Hours: 5.0 Lab: 0 Faculty Load: 33.33%
    Recommended Preparation: eligibility for English 1A
    Grading Method: Letter
    Credit Status: Associate Degree Credit
    Proposed CSU Transfer
    Proposed UC Transfer
    El Camino College AA/AS General Education - Area 3
    Proposed CSU General Education - Area C2
    Proposed IGETC - Area 6A

    This honors course, intended for students in the Honors Transfer Program, introduces students to the development of skills for language acquisition in speaking, listening, reading, and writing linguistically appropriate Spanish. Students are also introduced to the cultural background of the language, including relationships among cultural practices and perspectives and the general aspects of everyday life. Technological support includes videos, DVDs, audio CDs, and Internet access to publishers' websites for tutoring and other support. This honors course will be enriched through limited class size, oral presentations, expanded assignments and participation in cultural activities. This course is enriched through extensive, rigorous reading, writing, and research assignments.

    Note: Students may take either Spanish 1 or Spanish 1H. Duplicate credit will not be awarded.

14. Welding 1B - Advanced Welding for Manufacturing
    Units: 4.0 Lecture Hours: 2.5 Lab: 5.0 Faculty Load: 37.04%
    Prerequisite: Welding 1A or Welding 10A with a minimum grade of C in prerequisite or equivalent
    Grading Method: Both
    Credit Status: Associate Degree Credit
    Proposed CSU Transfer
    El Camino College AA/AS General Education - Area 4B

    This course continues the development of students' theory and practice of their manual and semiautomatic welding skills, joining ferrous and non-ferrous metals for manufacturing technology. Welding processes include Gas Tungsten Arc Welding (GTAW), spray transfer, aluminum Gas Metal Arc Welding (GMAW) and Dual-Shield Flux Core Arc welding (FCAW-G). The course is an in-depth study into advanced manufacturing processes, work procedure specifications, occupational safety and calculations of material cost and sizes. Additional topics include fractional, decimal and metric conversions.

Course Review; Change in Catalog Description

1. Biology 12 - Field Zoology
   Current Status/Proposed Changes
   This course is a survey of invertebrate and vertebrate animals involving general principles of biology, taxonomy, physiology, and ecology with an emphasis on California. Major invertebrate phyla will be introduced in the classroom and through ~~tide pool experience~~ field trip experiences. The taxonomy, anatomy, and natural history of all major vertebrate animal classes will be explored through classroom lecture and demonstration and field assessment. Field experience will include both optional and required trips to museums, aquariums, and field locations.

   Recommendation
   This course is a survey of invertebrate and vertebrate animals involving general principles of biology, taxonomy, physiology, and ecology with an emphasis on California. Major invertebrate phyla will be introduced in the classroom and through field trip experiences. The taxonomy, anatomy, and natural history of all major vertebrate animal classes will be explored through classroom lecture and demonstration and field assessment. Field experience will include both optional and required trips to museums, aquariums, and field locations.

2. English 24A - Creative Writing: Introduction to Poetry
   Current Status/Proposed Changes

This course is an introduction to the creative process of writing poetry~~, including the inception of a specific poem, the use of poetry techniques in the actual writing of a poem, and the development of students' critical sense in writing and revising their own poems~~. Students will write their own poems, both traditional and contemporary, using common poetic elements, conventions, and techniques. This course also develops students' peer editing skills, introducing them to the workshop model and revision process.

Recommendation
This course is an introduction to the creative process of writing poetry. Students will write their own poems, both traditional and contemporary, using common poetic elements, conventions, and techniques. This course also develops students' peer editing skills, introducing them to the workshop model and revision process.

3. Geology 34 - Geology Laboratory of Southeastern California
Current Status/Proposed Changes
~~*Note: Credit may be earned in Geology 30, Geology 32, Geology 34, and Geology 36; however, only one course (one unit) will be transferable. Note: Some labs will be held in the field on weekends at arranged times. Note: UC does not accept Geology 30, 32, 34, or 36 for the Physical Science laboratory requirement.*~~

Recommendation:
Remove note

Course Review; Changes in Conditions of Enrollment (Pre/Corequisite, Recommended Preparation or Enrollment Limitation)

1. Biology 103 - Fundamentals of Molecular Biology
Current Status/Proposed Changes
Prerequisite: Biology 101 or Biology 101H and Biology 102 or Biology 102H with a minimum grade of C in each course and Chemistry 7A with a minimum grade of C or concurrent enrollment

Recommendation
Prerequisite: Biology 101 or Biology 101H and Biology 102 or Biology 102H with a minimum grade of C in each course and Chemistry 7A with a minimum grade of C or concurrent enrollment

2. Chemistry 1A - General Chemistry I
Current Status/Proposed Changes
Prerequisite: Chemistry 4 with a minimum grade of C or Chemistry 4H or 1 year of high school chemistry and qualification by testing (El Camino College Chemistry Placement Test) and assessment; and eligibility for Mathematics 170 or qualification by testing (El

Camino College Mathematics Placement Test) and assessment.
Recommended Preparation: eligibility for English 1A
Recommendation
Prerequisite: Chemistry 4 with a minimum grade of C or Chemistry 4H or 1 year of high school chemistry and qualification by testing (El Camino College Chemistry Placement Test) and assessment; and eligibility for Mathematics 170 or qualification by testing (El Camino College Mathematics Placement Test) and assessment.
Recommended Preparation: eligibility for English 1A

Course Review; Distance Education Review, Changes in Conditions of Enrollment (Pre/Corequisite, Recommended Preparation or Enrollment Limitation), Catalog Description

1. Sociology 101 - Introduction to Sociology
   Current Status/Proposed Changes
   Prerequisite: ~~eligibility~~ Eligibility for English 1A

   ~~In this~~ This course introduces students ~~analyze the influence of the social environment on behavior and social life, using sociological theoretical perspectives and research methods. Components of culture and social structure are critically examined through sociological theories and concepts, including socialization, deviance, and social change. Students will evaluate social institutions in American society, as well as analyze social stratification and inequality relative to social class, ethnicity, and gender~~ to the major theoretical perspectives, concepts, and areas of study in sociology. It critically examines the relationship between the social environment and human behavior, specifically on how social forces such as race, gender, sexuality, age, and social class shape our everyday lives. In addition to learning sociological theories and research methods, students gain an understanding of sociological concepts such as culture, socialization, social institutions, deviance, stratification, and social change.

   Recommendation
   Prerequisite: Eligibility for English 1A

   This course introduces students to the major theoretical perspectives, concepts, and areas of study in sociology. It critically examines the relationship between the social environment and human behavior, specifically on how social forces such as race, gender, sexuality, age, and social class shape our everyday lives. In addition to learning sociological theories and research methods, students gain an understanding of sociological concepts such as culture, socialization, social institutions, deviance, stratification, and social change.

2. Sociology 104 - Social Problems
   Current Status/Proposed Changes
   Recommended Preparation: Sociology 101 and eligibility for English 1A

   In this course students ~~examine~~ explore various social problems ~~facing societies today. Topics include problems associated with deviance, crime, inequality, social institutions, and modernization. Social problems will be analyzed from various sociological perspectives to better understand their possible causes and consequences. Strategies for addressing social problems will be discussed and assessed~~ from a sociological perspective. Students apply sociological theories and concepts to examine social problems related to race, gender, sexuality, age, and social class. Problems experienced in our social institutions such as the family educational system, criminal justice system, healthcare, media, and environment are analyzed. Using a 'sociological imagination,' students explore potential solutions and strategies to address contemporary social problems at both micro and macro levels.

   Recommendation
   Recommended Preparation: Sociology 101 and eligibility for English 1A

   In this course students explore various social problems from a sociological perspective. Students apply sociological theories and concepts to examine social problems related to race, gender, sexuality, age, and social class. Problems experienced in our social institutions such as the family educational system, criminal justice system, healthcare, media, and environment are analyzed. Using a 'sociological imagination,' students explore potential solutions and strategies to address contemporary social problems at both micro and macro levels.

CTE Two-Year Course Review

1. Automotive Technology 25 - Automotive Electrical Systems
2. Construction Technology 100 - Building Fundamentals
3. Construction Technology 110 - Additions and Remodeling
4. Construction Technology 180 - Residential Plumbing

CTE Two-Year Course Review; Change in Conditions of Enrollment (Pre/Corequisite, Recommended Preparation or Enrollment Limitation)

1. Fire and Emergency Technology 1 - Fire Protection Organization
   Current Status/Proposed Changes
   Recommended Preparation: ~~eligibility for~~ English ~~1A~~A

   Recommendation
   Recommended Preparation: English A

CTE Two-Year Course Review; Change in Catalog Description

1. Automotive Technology 22A - Introduction to Engine Performance, Electrical and Fuel Systems
   Current Status/Proposed Changes
   This is an introductory engine performance course, which covers construction and operation of the following systems: computer controlled engine management, electrical charging, cooling, emission controls, fuel, and ignition. Laboratory activities stress the proper use of modern test equipment and repair procedures used in the automotive field.

   Recommendation
   This is an introductory engine performance course, which covers construction and operation of the following systems: computer controlled engine management, electrical charging, cooling, emission controls, fuel, and ignition. Laboratory activities stress the proper use of modern test equipment and repair procedures used in the automotive field.

CTE Two-Year Course Review; Changes in Conditions of Enrollment (Pre/Corequisite, Recommended Preparation or Enrollment Limitation), Catalog Description

1. Air Conditioning and Refrigeration 6 – Refrigeration and Air Conditioning Control Systems
   Current Status/Proposed Changes
   Prerequisite: Air Conditioning and Refrigeration 5 with a minimum grade of C or equivalent

   This course explores control system theory, electrical components ~~,~~ and complex control systems with emphasis on supervisory control systems which employ direct digital, proportional ~~,~~ and integral control modes ~~. Theoretical problems and practical lab experience is needed to diagnose electrical problems and safety to ensure the necessary repairs are emphasized. The course provides a foundation in the~~ and theoretical faults. The course provides the foundational skills required to analyze and service basic circuits as well as, complex analog control circuitry.

Recommendation
Prerequisite: Air Conditioning and Refrigeration 5 with a minimum grade of C or equivalent

This course explores control system theory, electrical components and complex control systems with emphasis on supervisory control systems which employ direct digital, proportional and integral control modes and theoretical faults. The course provides the foundational skills required to analyze and service basic circuits as well as, complex analog control circuitry.

2. Automotive Technology 11 - Brakes, Suspension and Four Wheel Alignment
Current Status/Proposed Changes
Recommended Preparation: Automotive Technology 1 ~~or equivalent~~ and Automotive Technology 22B or Automotive Technology 25 and Automotive Technology 26 and English A

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 systems diagnosis, repair, machining, overhaul as well as front-wheel and four-wheel alignment procedures, including proper use of tools and equipment utilized in industry~~ theory and operation, diagnosis, service, and repair of automotive braking, suspension, and steering systems.

Recommendation
Recommended Preparation: Automotive Technology 1 and Automotive Technology 22B or Automotive Technology 25 and Automotive Technology 26 and English A

This course covers the theory and operation, diagnosis, service, and repair of automotive braking, suspension, and steering systems.

3. Automotive Technology 14 - Brakes
Current Status/Proposed Changes
Recommended Preparation: Automotive Technology 1 ~~or equivalent~~ and Automotive Technology 22B or Automotive Technology 25 and Automotive Technology 26 and English A

This course covers the ~~study of brake systems, including Anti-Lock Brake Systems (ABS) and their operation. Laboratory activities stress brake system diagnosis, repair, machining, overhaul procedures and proper use of tools and equipment utilized in the automotive industry~~ theory and operation, diagnosis, service, and repair of automotive braking systems.

Recommendation
Recommended Preparation: Automotive Technology 1 and Automotive Technology 22B or Automotive Technology 25 and Automotive Technology 26 and English A

This course covers the theory and operation, diagnosis, service, and repair of automotive braking systems.

4. Automotive Technology 16 - Suspension and Four Wheel Alignment
Current Status/Proposed Changes
Recommended Preparation: Automotive Technology 1 ~~or equivalent~~ and Automotive Technology 22B or Automotive Technology 25 and Automotive Technology 26 and English A

This course covers the ~~study of suspension and steering systems construction and their operation. Laboratory activities stress suspension and steering system diagnosis, repair, machining, and overhaul, front wheel and four wheel alignment procedures and proper use of tools and equipment utilized in the automotive field.~~ theory and operation, diagnosis, service, and repair of automotive suspension and steering systems.

~~Note: This course helps the student to be able to acquire a certificate and meets part of the requirements for an Associate in Science degree in Automotive Technology. This course also helps to meet NATEF certification.~~

Recommendation
Recommended Preparation: Automotive Technology 1 and Automotive Technology 22B or Automotive Technology 25 and Automotive Technology 26 and English A

This course covers the theory and operation, diagnosis, service, and repair of automotive suspension and steering systems.

5. Automotive Technology 33 - Transmissions, Drive Train and Drive Axles
Current Status/Proposed Changes
Recommended Preparation: Automotive Technology 1 or ~~equivalent skills~~ Automotive Technology 21 and English A

This course covers the ~~study of automatic transmissions,~~ theory and operation, diagnosis, service, and repair of automotive automatic and manual transmissions, ~~clutch~~ transaxles, ~~drive line~~ and drive ~~axle construction and operation. Laboratory activities stress drive train diagnosis, repair, overhaul procedures and the proper use of tools utilized in the field.~~ trains.

Recommendation
Recommended Preparation: Automotive Technology 1 or Automotive Technology 21 and English A

This course covers the theory and operation, diagnosis, service, and repair of automotive automatic and manual transmissions, transaxles, and drive trains.

6. Automotive Technology 34 - Automatic Transmissions
Current Status/Proposed Changes
Recommended Preparation: Automotive Technology 1 ~~or equivalent~~ and Automotive Technology 22A or Automotive Technology 23 and Automotive Technology 24 and Automotive Technology 22B or Automotive Technology 25 and Automotive Technology 26 and English A

This course covers the ~~study of automatic transmission construction~~ theory and operation~~. Laboratory activities stress~~, diagnosis, ~~repair~~ service, ~~overhaul procedures~~ and ~~the proper use of tools utilized in the automotive field.~~ repair of automotive automatic transmissions and transaxles.

Recommendation
Recommended Preparation: Automotive Technology 1 and Automotive Technology 22A or Automotive Technology 23 and Automotive Technology 24 and Automotive Technology 22B or Automotive Technology 25 and Automotive Technology 26 and English A

This course covers the theory and operation, diagnosis, service, and repair of automotive automatic transmissions and transaxles.

7. Automotive Technology 35 - Manual Transmission, Drive Train and Drive Axles
Current Status/Proposed Changes
Recommended Preparation: Automotive Technology 1 ~~or equivalent~~ and Automotive Technology 22A or Automotive Technology 25 and Automotive Technology 26 and English A

This course covers the ~~study of manual transmission, clutch, drive line, and drive axle construction and operation. Laboratory activities stress diagnosis, repair, overhaul procedures and proper use of tools utilized in the automotive field.~~theory and operation, diagnosis, service, and repair of automotive manual transmissions, drive axles, and drive trains.

Recommendation
Recommended Preparation: Automotive Technology 1 and Automotive Technology 22A or Automotive Technology 25 and Automotive Technology 26 and English A

This course covers the theory and operation, diagnosis, service, and repair of automotive manual transmissions, drive axles, and drive trains.

8. Automotive Technology 43 - Introduction to Engine Repair
Current Status/Proposed Changes
Recommended Preparation: Automotive Technology 1 ~~or equivalent~~ and English A

This course covers the study of automotive engine construction and operation. The diagnosis and repair procedures will include the following: cylinder head ~~removal and~~, valve grinding, camshaft and timing gear ~~replacement~~, water pump ~~replacement~~, ~~oil~~ diagnosing fluid leaks, ~~coolant~~ and manifold (intake and exhaust) leaks and engine maintenance. Laboratory activities stress the proper use of equipment utilized in the automotive field.

Recommendation
Recommended Preparation: Automotive Technology 1 and English A

This course covers the study of automotive engine construction and operation. The diagnosis and repair procedures will include the following: cylinder head, valve grinding, camshaft and timing gear, water pump, diagnosing fluid leaks, and manifold (intake and exhaust) leaks and engine maintenance. Laboratory activities stress the proper use of equipment utilized in the automotive field.

9. Cosmetology 1- Introduction to Cosmetology Procedures
Current Status/Proposed Changes
~~Recommended Preparation: eligibility for English 84~~

This course covers the study of basic principles and practical operations of cosmetology equipment, procedures and techniques. It is designed as an intensive, multidisciplinary lab in the most common cosmetology processes. Lectures ~~center on~~ cover the fundamental theories of the practice of cosmetology and their application. Laboratory work is designed to provide the basic cosmetology student with an intensive forum for development of basic cosmetology skills, techniques, safety practices, and sanitation procedures.

Recommendation
(*Remove recommended preparation*)

This course covers the study of basic principles and practical operations of cosmetology equipment, procedures and techniques. It is designed as an intensive, multidisciplinary lab in the most common cosmetology processes. Lectures cover the fundamental theories of the practice of cosmetology and their application. Laboratory work is designed to provide the basic cosmetology student with an intensive forum for development of basic cosmetology skills, techniques, safety practices, and sanitation procedures.

CTE Two-Year Course Review; Changes in Descriptive Title, Catalog Description

1. Automotive Technology 22B - Advanced Engine Performance, Electrical and Fuel Systems
   Current Status/Proposed Changes
   Descriptive Title: ~~Advanced Engine Performance~~ Electrical, ~~Electrical and Fuel Systems~~ Electronics and Computer Controlled Systems

   This course covers the study of Automotive On-Board Diagnostics II computer controlled engine management systems, ~~major tune-up,~~ body electrical and ~~fuel~~ electronic systems, ~~carburetion, and fuel injection~~ onboard computer networking and computer controlled ignition testing, including diagnosis and repair procedures. Laboratory activities stress the proper use of test equipment utilized in industry.

   Recommendation
   Descriptive Title: Electrical, Electronics and Computer Controlled Systems

   This course covers the study of Automotive On-Board Diagnostics II computer controlled engine management systems, body electrical and electronic systems, carburetion, and fuel injection onboard computer networking and computer controlled ignition testing, including diagnosis and repair procedures. Laboratory activities stress the proper use of test equipment utilized in industry.

2. Automotive Technology 23 - Major Tune-up and Emission Controls
   Current Status/Proposed Changes
   Descriptive Title: ~~Major Tune-up and Emission Controls~~ Engine Performance, Electrical and Fuel Systems

   This course covers the study of major engine tune-up, service and testing of emission control systems. Laboratory activities stress the proper use of test equipment utilized in the automotive field.

   Recommendation
   Descriptive Title: Engine Performance, Electrical and Fuel Systems

This course covers the study of major engine tune-up, service and testing of emission control systems. Laboratory activities stress the proper use of test equipment utilized in the automotive field.

CTE Two-Year Course Review; Changes in Descriptive Title, Conditions of Enrollment (Pre/Corequisite, Recommended Preparation or Enrollment Limitation), Catalog Description

1. Automotive Technology 24 - Fuel Systems and Emissions
   Current Status/Proposed Changes
   Descriptive Title: Computer Controlled Engine Management, Fuel Systems and Emissions
   Recommended Preparation: Automotive Technology 21 or Automotive Technology 23 or equivalent

   This course covers the study of ~~fuel system service, testing and diagnosis, including carburetor overhaul procedures, fuel injection and computer controlled fuel systems~~ computer controlled engine management systems with an emphasis on onboard diagnosis second generation (OBD II) protocols, fuel system and fuel injection system testing, diagnosis and service and vehicle emissions. Laboratory activities stress the proper use of modern test equipment utilized in the automotive field.

   Recommendation
   Descriptive Title: Computer Controlled Engine Management, Fuel Systems and Emissions
   Recommended Preparation: Automotive Technology 21 or Automotive Technology 23 or equivalent

   This course covers the study of computer controlled engine management systems with an emphasis on onboard diagnosis second generation (OBD II) protocols, fuel system and fuel injection system testing, diagnosis and service and vehicle emissions. Laboratory activities stress the proper use of modern test equipment utilized in the automotive field.

CTE Two-Year Course Review; New Distance Education Online/Hybrid Course Version

1. Construction Technology 150 - Contract Estimating

Inactivate Courses

1. Fire and Emergency Technology 40A - Command 1A
2. Fire and Emergency Technology 40B - Command 1B
3. Fire and Emergency Technology 100 - Fire Management 1