



Curriculum Committee

MINUTES

November 18, 2024

Members Present

Donna Davis, Chairperson	Sarah McArthur, Chemistry
Denise Adams, Dean	Erik Shearer, V.P. of Instruction
Kimberly Bartsch, Mathematics	Rachel Sicke, Counselor
Garrett Fernandez, AS Representative	Elena Tan, Associate Faculty, Japanese
Anthony Ferro, Associate Faculty, Kinesiology	Dr. Shannan Troxel, Communication Studies
Irma Gonzalez Cuadros, Academic Senate	Dr. Jacob Vazquez, Agriculture
Jessica Jackson, Articulation Officer	Suzanne Wakim, SLO Coordinator
Craig Kielb, Automotive	Dr. Robert White, Dean
Phillip Manning, Drafting/Manufacturing	

Members Absent

Felicia Flores, Cosmetology	Heather Springer, Equity & Inclusion Specialist
Tia Germar, Library	

Guests Present

Kenneth Bearden, English	Dennis Reinhardt, Firefighter Academy
Becky Kenshol, Admissions & Records	Dominic Sanfilippo, Firefighter Academy
Angelica Magana, Admissions & Records	Jess Vickery, Chemistry
Carrie Monlux, Dean	Teresa Ward, Special Programs
Russell Pitter, Welding	

AGENDA

Items not on the consent agenda may be approved in one meeting with a supermajority vote (over 2/3 of participating members vote yes).

- 1. Agenda Adoption - 1 minute**

Motion to approve agenda; M/S/P
- 2. Minutes Approval - 1 minute**

A. November 4, 2024
 - Item 3 General Announcements – change AB 5027 to AB 2057Motion to approve minutes as amended; M/S/P
- 3. General Announcements - 3 minutes**

Curriculum Committee members are invited to make announcements to the committee
 - Enrollment update: Fall 2024 sections offered in different modalities were mostly balanced; Spring 2025 offers more online sections and are filling quickly
- 4. Public Comments - 3 minutes**

Members of the public are invited to comment on items not on the agenda
 - None
- 5. Consent Agenda**

6. **Action Item(s) – 60 minutes**

A. **Course Modification(s)**

1. **ECON 25 - Introduction to Economics**

Catalog Description: This course provides a comprehensive analysis of the relationship between societal institutions and the critical issues of poverty and unemployment. Students will explore how economic theories and terms clarify the socio-economic challenges we face today. The curriculum examines the trade-offs and social values that influence both public and private policies, assessing their effectiveness in addressing these challenges. Through critical analysis, students will evaluate the performance of government, markets, and institutions, and their decisions regarding current economic problems such as unemployment, inflation, poverty, and environmental pollution. This course aims to deepen understanding of the complexities involved in organizing society to provide essential goods and services while highlighting the impact of economic structures on social outcomes.

Major Modification: Change in GE (Cal-GETC Area 4), catalog description, objectives, unit titles, methods of instruction, methods of evaluation, examples of assignments, and materials of instruction

Rationale: *Cal-GETC approval*

Effective Term: Fall 2026

Kenneth Bearden represented ECON 25

- Substantial changes to this course to meet UC transferability and satisfy the new Cal-GETC Area 4 requirements
- The committee questioned the need for this change, how many students currently take this course, what the success rates are, and the rigor compared to the old course
- It was indicated this course is offered once per semester and the old course outline did not accurately reflect the rigor of this course
- There were several discussions about Common Course Numbering (CCN), the impact on this course, adding courses to GE, and that every GE course will eventually change numbering
- ECON is next in line for CCN in Spring 2025; unsure how this course will fit into the CCN sequencing
- Delaying this course until Spring 2025 will extend it out another year for GE submission deadlines

Motion to table item A.1 until ECON CCN numbering is available; M/S/P

Item will be removed from agenda until CCN is available

2. **EDUC 302 - High School Equivalency Exam Preparation**

Catalog Description: This course focuses on developing skills needed to prepare for the General Educational Development Tests (GED) and High School Equivalency Test (HiSET) for high school equivalency standards. The course includes background on both High School Equivalency (HSE) Testing Programs, describes the four tests and the broad areas covered by the GED and the five tests covered by the HiSET, evaluates student readiness, and prepares students for taking the tests. Emphasis will be placed on strengthening reading skills in literary, informational, social studies, and science content; writing clarity; math problem-solving, reasoning skills, and calculator skills. Unlimited repeats. Satisfactory/Unsatisfactory only. Open Entry/Open Exit.

Major Modification: Change in repeatability (from "repeat 3 times" to "unlimited repeats"), catalog description, methods of instruction, methods of evaluation, and materials of instruction

Rationale: *Curriculum review*

Effective Term: Fall 2025

Teresa Ward represented EDUC 302

- This is a High School exam preparation course; previously offered by the former LEAD department

- There were several questions about offering this course in the community and the requirements of the Adult Education Consortium
- This course will be offered for incarcerated students at the Day Reporting Center and Butte County Jail without requiring special community clearance

Motion to place on consent; M/S/P

3. EMS 111 - Emergency Medical Technician

Catalog Description: *This course will instruct students to the level of Emergency Medical Technician (EMT). This course complies with the required course content for the state of California and the curriculum consists of the required U.S. Department of Transportation EMT-Basic National Standard Curriculum. The course includes all skills necessary for the individual to provide emergency medical care at a basic life support level with an ambulance service or other specialized service. Upon successful completion the student will be eligible to take the National Registry Exam required for certification as an EMT in the state of California. Graded only.*

Minor Modification: Change in ped cap (from 24 to 30), unit titles, and materials of instruction

Rationale: *Ped cap increase*

Effective Term: Spring 2025

Donna Davis represented EMS 111

- Ped cap increased to account for increase in students due to the fire academy prerequisite change

Motion to place on consent; M/S/P

4. ENGR 2 - Programming and Problem-Solving in MATLAB

Catalog Description: *This course utilizes the MATLAB environment and commercial electronic spreadsheets to provide students with a working knowledge of computer-based problem-solving methods relevant to science and engineering. It introduces the fundamentals of procedural and object-oriented programming, numerical analysis, and data structures. Examples and assignments in the course are drawn from practical applications in engineering, physics, and mathematics. (C-ID ENGR 220).*

Major Modification: Change in prerequisite (from "MATH 30" to "MATH 30 or MATH 30s")

Rationale: *Add new MATH 30s course*

Effective Term: Fall 2025

Dr. Robert White represented ENGR 2 and ENGR 3

- New Math support courses affecting prerequisites for several other courses

Motion to block items 6 A.4-A.9 and place on consent; M/S/P

5. ENGR 3 - Plane Surveying I

Catalog Description: *The course applies theory and principles of plane surveying: office computations and design; operation of surveying field equipment; and production of engineering plans/maps. Topics include distances, angles, and directions; differential leveling; traversing; property/boundary surveys; topographic surveys/mapping; volume/earthwork; horizontal and vertical curves; land description techniques; and Global Positioning Systems (GPS). Extensive field work using tapes, levels, transits, theodolites, total stations, and GPS. (C-ID ENGR 180).*

Major Modification: Change in prerequisite (from "MATH 20 or high school trigonometry" to "MATH 20, MATH 28 or MATH 28s, or high school trigonometry")

Rationale: *Add MATH 28 and MATH 28s courses*

Effective Term: Fall 2025

See Action Item 6 A.4

6. MATH 31 - Analytic Geometry and Calculus II

Catalog Description: *This course is the second of a series in differential and integral calculus of a single variable. Topics will include the concept, techniques and applications of integration, infinite sequences and series, as well as polar and parametric equations. Intended for Science, Technology, Engineering & Math Majors. (C-ID MATH 220).*

Major Modification: Change in prerequisite (from "MATH 30" to "MATH 30 or MATH 30s")

Rationale: *Add new MATH 30s course*

Effective Term: Fall 2025

[See Action Item 6 A.4](#)

7. MATH 42 - Linear Algebra

Catalog Description: *This course develops the techniques and theory needed to solve and classify systems of linear equations. Solution techniques include row operations, Gaussian elimination, and matrix algebra. Investigates the properties of vectors in two and three dimensions, leading to the notion of an abstract vector space. Vector space and matrix theory are presented including topics such as inner products, norms, orthogonality, eigenvalues, eigenspaces, and linear transformations. Selected applications of linear algebra are included. (C-ID MATH 250).*

Major Modification: Change in prerequisite (from "MATH 30" to "MATH 30 or MATH 30s")

Rationale: *Add new MATH 30s course*

Effective Term: Fall 2025

[See Action Item 6 A.4](#)

8. PHYS 21 - College Physics I

Catalog Description: *This course is intended for students not majoring in physics or engineering but needing a one-year course in physics as a requirement for their major program. The course is part of a two-semester sequence whose contents may be offered in other sequences or combinations at articulated institutions. Topics include kinematics, dynamics, work and energy, momentum, fluids and simple harmonic motion. Graded only. (C-ID PHYS 105/PHYS 100S).*

Major Modification: Change in prerequisite (from "MATH 20 or high school trigonometry" to "MATH 20, MATH 28, MATH 28s or high school trigonometry"), and materials of instruction

Rationale: *Add new MATH 28 and MATH 28s courses*

Effective Term: Fall 2025

[See Action Item 6 A.4](#)

9. PHYS 41 - Physics for Scientists and Engineers I

Catalog Description: *This course, intended for students majoring in physical sciences and engineering, is part of a three-semester course whose contents may be offered in other sequences or combinations. Core topics include an introduction to kinematics, dynamics, work and energy, momentum, gravitation and simple harmonic motion. Graded only. (C-ID PHYS 205/PHYS 100S).*

Major Modification: Change in prerequisite (from "MATH 30" to "MATH 30 or MATH 30s")

Rationale: *Add new MATH 30s course*

Effective Term: Fall 2025

[See Action Item 6 A.4](#)

10. WLD 20 - Beginning Welding

Catalog Description: *This course includes oxyacetylene welding (OAW), oxyacetylene cutting (OFC-A) and shielded metal arc welding (SMAW) processes, in the flat and horizontal positions on various joint details. It will also include safety procedures, electrode identification, joint fit-up and alignment, base metal preparation, weld quality, beads and fillet welds, with focus on theory and practice. All welds will meet the American Welding Society (AWS) qualification standards.*

Minor Modification: Change in ped cap (from 25 to 23), and materials of instruction

Rationale: *Decrease ped cap to the number of available welding stations and industry standards*

Effective Term: Spring 2025

[Russell Pitter represented WLD 20](#)

- [Reduction in ped cap to accommodate physical welding booth equipment \(23 total\)](#)
- [Ped cap change will not serve fewer students as we offer two cohorts \(46 total\); currently we over enroll as we want to serve as many students as possible](#)

[Motion to place on consent; M/S/P](#)

D. Course Deletion(s)

1. **AUT 32 – Smog Inspection**

Program Status: AS in Diesel Technology, and CA in Diesel Technology

Rationale: *Course no longer offered*

Effective Term: Fall 2025

Craig Kielb represented AUT 32

- This course has never been offered
- There was concerns about students currently enrolled and how this requirement will be satisfied

Motion to place on consent; M/S/P

E. Program Modification(s)

1. **AS Degree in Automotive Technology (48 Units)**

Catalog Description: *The Butte College Automotive Technology program is an ASE Education Foundation certified school and is designed to prepare students for employment as automotive technicians in dealerships, government, fleet, and independent service shops. All automotive classes are offered at the Skyway Center in Chico. The Skyway Center is a modern facility and completely outfitted with ASE required training aids and tooling needed to prepare the student for a successful automotive technician career. The goal of the department is to train highly-skilled entry-level technicians with work habits that will make them successful in their career.*

Modification: Change in program description, and Admission to the Program, and program pathway

Rationale: *Catalog update*

Effective Term: Fall 2025

Craig Kielb represented Automotive

- These changes are a byproduct of removing AUT 32 and satisfying our Accreditation body

Motion to block 6 E.1-E.4 and place on consent; M/S/P

2. **AS Degree in Automotive Technology - Honda, Professional Automotive Career Training (PACT) (53.50 Units)**

Catalog Description: *The Associate of Science Degree in Automotive Technology - Honda, Professional Automotive Career Training (PACT) prepares students to enter the workforce as entry level Honda and Acura technicians in dealerships nationwide.*

Modification: Change in program description, Admission to the Program, and program pathway

Rationale: *Catalog update*

Effective Term: Fall 2025

See Action Item 6 E.1

3. **AS Degree in Diesel Technology (56 Units)**

Catalog Description: *The Associate of Science Degree in Diesel Technology has been developed to provide the light and medium duty diesel industry with well-prepared, entry-level technicians. Our rural location and its heavy agricultural influence necessitate the need for technicians who are trained in the area of diesel-powered trucks and equipment. This program will prepare the student to diagnose the mechanical, electrical, and hydraulic systems found on over the road diesel powered vehicles and equipment.*

Modification: Change in units (from 59 to 56), required core (delete AUT 32), program description, Admission to the Program, Program Learning Outcomes (PLOs), and program pathway

Rationale: *Catalog update*

Effective Term: Fall 2025

[See Action Item 6 E.1](#)

4. **Certificate of Achievement in Diesel Technology (56 Units)**

Catalog Description: *See AS Degree in Diesel Technology.*

Modification: Change in units (from 59 to 56), and required core (delete AUT 32)

Rationale: *Catalog update*

Effective Term: Fall 2025

[See Action Item 6 E.1](#)

5. **AS Degree in Health Occupations Preparation (33 Units)**

Catalog Description: *An Associate in Science in Health Occupations Preparation degree readies students for programs such as licensed vocational nursing, registered nursing, and respiratory therapy at Butte College. This degree also prepares students to transfer to healthcare related programs at neighboring community colleges and/or four-year institutions to continue studies in their area of interest. Students should consult with a counselor for more information on varied requirements for specific pathways.*

Modification: Change in change in units (from 24-38 to 33), required core (add BIOL 15, FN 2, PSY 1; delete ALH 6, ANTH 4H, CMST 2H, CMST 10, ENGL 2, ENGL 3, and FN 50), and pathway options (from “four pathways LVN, LVN-ADN, RN, RT” to “one pathway”)

Rationale: *Technical programming correction*

Effective Term: Fall 2025

[Dr. Robert White represented Health Occupations Preparation](#)

- [New degree reconfigured to single pathway that works for several tracks, instead of a few core courses and four separate options for Degree Planner programming](#)
- [Designed to fund pre-health occupation students while waiting for acceptance into programs](#)
- [The committee discussed the justifications to remove ALH 6 \(RT degree required core\), FN 50 \(FN 2 local GE requirement\), ENGL 2/3 \(required\), and CMST 10 \(CMST 2/4 required\)](#)
- [There was discussion about adding BIOL 15 as a core course and requiring LVN students to take this course](#)
- [Enrollment data suggest most LVN students have already or will take BIOL 15](#)

[Motion to place on consent; M/S/P](#)

6. **AS Degree in Respiratory Care (57 Units)**

Catalog Description: *The Respiratory Care program is designed to prepare students to become licensed Respiratory Care Practitioners in the state of California. In addition, the program prepares the successful graduate to participate in the Registered Respiratory Therapist (RRT) examinations administered by the National Board for Respiratory Care (NBRC).*

Modification: Change in units (from 54 to 57), required core (add ALH 6), Admission to the Program, and program pathway

Rationale: *Add requirement for completion to program core*

Effective Term: Fall 2025

[Donna Davis represented Health Occupations Preparation](#)

- [ALH 6 added to degree core in first semester](#)

[Motion to place on consent; M/S/P](#)

7. **Certificate of Achievement in Firefighter Academy I and II (26.50 Units)**

Catalog Description: *The Firefighter I and II Academy is a special admission academy that is offered twice each year (Fall and Spring) as a 19-week program, 8 hours daily. Accredited by the California State Fire Marshal (CSFM) and the State Board of Fire Services as an Accredited Regional Fire Academy, the Butte College Firefighter I and II Academy is considered to be one of the premier fire*

academies in the country. Our Academy graduates have secured fire service positions in agencies from coast to coast. The majority of fire agencies in California require both a CSFM Firefighter I certificate and an EMT- Basic certificate to qualify for a position as a firefighter. The Butte College Firefighter I Academy far exceeds these requirements. The Firefighter II component will prepare the student to obtain the knowledge, skills, and abilities to meet the California State Fire Marshal IFSAC/PROBOARD certification for Firefighter II plus enhancing their ability to secure employment with a fire agency. Physical conditioning is an important concern in the fire service. During the Academy, cadets receive more than 100 hours of combined physical fitness and agility course training by certified physical fitness instructors, Graduates will not only be in good physical condition, but will also be prepared for the difficult, varied and competitive fire service physical agility entry-level testing.

Modification: Change in program description, Admission to the Program, and Program Learning Outcomes (PLOs)

Rationale: *Catalog update*

Effective Term: Fall 2025

Dominic Sanfilippo and Dennis Reinhardt represented Firefighter Academy I and II

- Currently offering new Firefighter Academy I and II and these changes will increase employability with CalFire for increased viability

Motion to place on consent; M/S/P

7. **Discussion Item(s)**

A. Curriculum Committee Bylaws – Donna Davis/Jess Vickery

- Academic Senate Recommendations
 - The Curriculum Committee bylaws were presented to Academic Senate on 11/6/24, and there were several suggested edits:
 - Remove item D.2 a-c (two-meeting business rule)
 - Several language clarifications
 - Removing the two-meeting business rule allows for more efficiency; items may be postponed/tabled at any time
 - It was mentioned bylaws should be reviewed annually
 - There was discussion about adding the new Distance Education and Accessible Learning Resources Coordinator (DEALR) position as a voting member
 - It was stated that changing voting membership is the most impactful change to bylaws because it affects franchise status (adding DEALR and reducing a faculty at-large position would disenfranchise a current member on the committee), and there are ways to change membership without impacting voting balances
 - There was discussion about replacing the Student Learning Outcomes (SLO) Coordinator with the DEALR Coordinator
 - The amended bylaws will be presented to Academic Senate for consideration

Motion to amend to include DEALR as a member; M/S/P (Ayes 14; Nays 0; Abstention: 1)

Motion to amend to include DEALR as a “voting member”; M/S/P (Ayes 14; Nays 0; Abstention: 1)

Motion to approve amended bylaws and place on consent; M/S/P

B. Future Meetings

- December 2, 2024
- December 16, 2024

8. **Adjournment**

Motion to adjourn; M/S/P