



Curriculum Committee

MINUTES

December 1, 2025

Members Present

Patrick McDougall, Chairperson	Phillip Manning, Drafting/Manufacturing
Julio Delgado, Counselor	Sarah McArthur, Chemistry
Anthony Ferro, Associate Faculty, Kinesiology	Eric Oberle, Mathematics
Joseph Gebbia, Welding	Dr. Shannan Troxel, Communication Studies
Tia Germar, Library Representative	Erik Shearer, Asst Superintendent/VP Instruction
Jessica Jackson, Articulation Officer	Heather Springer, Equity & Inclusion Specialist
Julie Jenks, SLO Coordinator	Dr. Jacob Vazquez, Agriculture
Craig Kielb, Automotive	Suzanne Wakim, DE & Accessible Learning
Kim Kirkwood, Academic Senate	Dr. Robert White, Dean

Members Absent

Leo Salas, AS Student Representative

Guests Present

Chris Armitage, Welding	Jeff Jordan, Kinesiology
Kenneth Bearden, Business Education	Don Robinson, Dean
Robert Bishop, Dean	Luke Sathrum, Computer Science
Jennifer Charles-Tollerup, Agriculture Science	Darrah Thomas, Construction/Drafting
Teresa Doyle, Dean	Zariel Torres, Financial Aid
Dave Elke, Radio, TV, Film	Tom Williams, Chair
Irma Gonzalez Cuadros, Child Development	

AGENDA

1. **Agenda Adoption** - 1 minute

- Request to pull 7 A.2 from consent and move to action 8 G.1
- Motion to approve agenda as amended; M/S/P

2. **Minutes Approval** - 1 minute

A. November 17, 2025

- Add "Curriculum Chair will poll DEIA taskforce meeting times"

Motion to amend minutes to add "Curriculum Chair will poll DEIA taskforce meeting times"; M/S/P

Motion to approve minutes as amended; M/S/P (Ayes 15; Nays 0; Abstentions 1)

3. **Public Comments** - 3 minutes

Members of the public are invited to comment on items not on the agenda

- None

4. **General Announcements** - 3 minutes

Curriculum Committee members are invited to make announcements to the committee

- Professional development flex opportunities:
 - Accessibility workshop - Winter

- SLO, Accessibility, and adaptable course design workshops - January
- Acadea Maverick faculty training - January

5. **Articulation Officer Announcements – 2 minutes**

- Submitting 27 courses for Cal-GETC consideration; results in April/May

6. **Information Item(s) – 1 minutes**

A. **New Subject(s)**

1. **ELEC – Electrical**

Committee endorsed

7. **Consent Agenda – 2 minutes**

A. **Course Modification(s)**

1. **AGS 10 - World Food and Hunger Issues (3 Units)**

Catalog Description: *This course is a study of the world's food needs with emphasis on the problems and policies of developing nations. The course will examine the evolution from hunter-gatherer to domesticated agriculture and the role agriculture currently plays in the sustainability of economic and political progress of developing nations and the ethical and environmental implications.*

Minor Modification: Change in methods of evaluation, examples of assignments, and materials of instruction

Rationale: *Curriculum review*

Effective Term: Fall 2026

2. **AGS 45 - Feeds and Feeding (3 Units)**

Catalog Description: *This course is a study of the basic nutrients involved in animal nutrition: protein, energy, vitamins, minerals and feed additives and their utilization by the animal's body. An analysis of the feeding value of common feedstuffs in practical livestock rations will be completed. Students will be introduced to the formulation of balanced rations for species of livestock including least cost computer formulated rations.*

Minor Modification: Change in examples of assignments, and materials of instruction

Rationale: *Curriculum review*

Effective Term: Fall 2026

- Pulled from consent

See Action 8 G.1

3. **AGS 51 - Fertilizers and Plant Nutrition (3 Units)**

Catalog Description: *This course examines the composition, value, selection, and application of fertilizer materials and soil amendments, including natural organic and synthetic amendments, in relation to soil, plant, and fertilizer interactions. Emphasis is placed on current application practices utilized in California agriculture.*

Minor Modification: Change in catalog description, objectives, examples of assignments, and materials of instruction

Rationale: *Curriculum review*

Effective Term: Fall 2026

4. **AUT 3 - Specialized Automotive Electronics (6 Units)**

Catalog Description: *This course teaches students the fundamentals of electricity and electronics used currently in the Automotive industry, including semi-conductors and microcomputers. Electrical measuring devices, wire repair, circuits, schematics and practical diagnostic procedures are emphasized. Microcomputer inputs, processing, outputs, testing, and operation will be explained. Students will acquire the fundamental knowledge and skills to diagnose and service modern automotive electrical and electronic systems, with emphasis on advanced diagnostic routines needed to correct circuit anomalies such as shorts, opens, and parasitic draws.*

Minor Modification: Change in objectives, methods of instruction, methods of evaluation, examples of assignments, and materials of instruction

Rationale: *Curriculum review*

Effective Term: Fall 2026

5. **AUT 33 - High Performance Engine Tuning & Testing (3 Units)**

Catalog Description: *This course covers the methods used to enhance an internal combustion engine's efficiency and power output, test various engine modifications using industry standard tools, and work with a dynamometer.*

Minor Modification: Change in objectives, methods of instruction, methods of evaluation, and materials of instruction

Rationale: *Curriculum review*

Effective Term: Fall 2026

6. **AUT 83 - Honda PACT Skills Certification (1.5 Units)**

Catalog Description: *This course prepares the student for Honda or Acura dealer employment by offering the same lab training content and certification that dealer technicians must complete. Students will learn and certify hands-on skills in all eight Automotive Service Excellence (ASE) certification categories with a focus specific to Honda and Acura. This course is for students who have completed an ASE Education Foundation accredited automotive program and finished Honda PACT Employment Preparation I and II courses at Butte College.*

Minor Modification: Change in catalog description, objectives, unit titles, methods of instruction, and examples of assignments

Rationale: *Curriculum review*

Effective Term: Fall 2026

7. **AUT 101 - Automotive Shop Fundamentals (3 Units)**

Catalog Description: *Fundamental introduction to the major systems of the automobile including safety and preventative maintenance services. This course will focus on Auto Shop Fundamentals and repair for individuals with little to no automotive repair or auto shop experience. Topics will include: Automotive industry tools and usage, Automobile systems theory and repair, vehicle maintenance, emergency roadside repair, buying a used vehicle, safety inspection, and automotive industry career opportunities.*

Minor Modification: Change in DE (add lecture), unit titles, methods of instruction, methods of evaluation, examples of assignments, and materials of instruction

Rationale: *Curriculum review*

Effective Term: Fall 2026

8. **EH 60 - Principles of Integrated Pest Management (3 Units)**

Catalog Description: *Examines the origin, history, and management of insect, plant pathogen, weed, and other pests of agricultural, horticultural, and landscape crops. Consideration of Integrated Pest Management (IPM) principles and practices in conventional, organic, residue-free, and sustainable agriculture. Pest biology and ecology is studied to demonstrate the various IPM technologies used for economic crop production. Pesticide regulations, toxicity, application, and materials for specific uses are examined.*

Minor Modification: Change in catalog description, objectives, unit titles, methods of evaluation, and materials of instruction

Rationale: *Curriculum review*

Effective Term: Fall 2026

9. **EH 61 - Plant Protection Materials (3 Units)**

Catalog Description: *Introduces the safe and responsible use of horticultural and agricultural chemicals including pesticides and plant growth regulators. Topics include the history of pesticide use along with laws and regulations plus mode of action, toxicology, and the benefits and risks of use. Pesticide*

application equipment and calibration are covered. Emphasis is on sustainable practices using commercial examples to generate discussion and support the formulation of integrated agrichemical management programs.

Minor Modification: Change in catalog description, objectives, unit titles, examples of assignments, and materials of instruction

Rationale: *Curriculum review*

Effective Term: Fall 2026

Motion to pull 7 A.2 from consent and move to 8 G.1; M/S/P

Motion to approve as amended; M/S/P

8. **Action Item(s)**

A. New Course(s) – 10 minutes

1. **CDF 310 – Exploring Careers in Child Development (0 Units)**

Catalog Description: *This course explores careers in Child Development and Early Childhood Education for students with an interest in working with children and families. Emphasis is placed on understanding the differences between the California Teaching Permit Matrix and the California Teaching Credential, while comparing various educational settings and the required teacher qualifications. Unlimited repeats. Ungraded. Open Entry/Open Exit.*

Contact Hours: 17 Lecture

Credit Status: Noncredit

Discipline: Child Dev/Early Childhood Ed

Distance Education: Lecture

Mirrored Course: None

Noncredit Category: I – Short-term Vocational

Orientation: Exempt

Ped Cap: 35

Program Status: Noncredit Certificate of Competency in Early Childhood Education

SAM Code: C – Clearly Occupational

TOP Code: 130500* – Child Development/Early Care and Education

Transfer Status/General Education: Non-transferable

Rationale: *Noncredit opportunity for community members and childcare providers*

Effective Term: Fall 2026

Irma Gonzalez-Cuadros represented Child Development

- Courses designed for unlicensed child care providers to provide formal training including, CPR/First Aid and background checks; REACH goals used to serve adult learners
- Four course short term vocational enhanced funding Noncredit Certificate of Competency (noncredit CTE version)
- Recommended to offer CDF courses in DE modality for student flexibility

Motion to add DE to 8 A.1-A.4; M/S/P

Motion to block 8 A.1-A.4 and approve as amended; M/S/P

2. **CDF 315 – Introduction to Family Child Care Licensing (0 Units)**

Catalog Description: *This course examines the differences between licensed and license-exempt child care practices. Students will learn about Title 22, regulations to apply for a licensed Family Child Care Home (FCCH), and the required steps to become a License-Exempt Child Care Provider (LECCP). Emphasis is made on safe environments, record keeping, and building positive relationships with children and families. Unlimited repeats. Ungraded. Open Entry/Open Exit.*

Contact Hours: 17 Lecture

Credit Status: Noncredit

Discipline: Child Dev/Early Childhood Ed

Distance Education: Lecture

Mirrored Course: None
Noncredit Category: I – Short-term Vocational
Orientation: Exempt
Ped Cap: 35
Program Status: Noncredit Certificate of Competency in Early Childhood Education
SAM Code: C – Clearly Occupational
TOP Code: 130500* – Child Development/Early Care and Education
Transfer Status/General Education: Non-transferable
Rationale: *Noncredit opportunity for community members and childcare providers*
Effective Term: Fall 2026
[See Action 8 A.1](#)

3. **CDF 324 – Observing and Guiding Children's Behavior (0 Units)**

Catalog Description: *This course examines the role of observation in understanding young children's behavior to develop strategies that foster healthy social and emotional growth through positive guidance. Students will explore how environmental factors and caregiver interactions impact behavior, and learn how to establish relationships that promote a positive learning community in which all children feel safe, valued, and respected. Special focus will be placed on the child's development, the family background, and the cultural context. Unlimited repeats. Ungraded. Open Entry/Open Exit*
Contact Hours: 17 Lecture
Credit Status: Noncredit
Discipline: Child Dev/Early Childhood Ed
Distance Education: Lecture
Mirrored Course: None
Noncredit Category: I – Short-term Vocational
Orientation: Exempt
Ped Cap: 35
Program Status: Noncredit Certificate of Competency in Early Childhood Education
SAM Code: D – Possibly Occupational
TOP Code: 130500* – Child Development/Early Care and Education
Transfer Status/General Education: Non-transferable
Rationale: *Noncredit opportunity for community members and childcare providers*
Effective Term: Fall 2026
[See Action 8 A.1](#)

4. **CDF 325 – Play Based Curriculum for Children (0 Units)**

Catalog Description: *This course explores the benefits of play-based learning for young children. Students will gain an understanding of how play serves as a critical component in children's development. Different types of play and the caregiver's role in supporting and facilitating play experiences will be examined. Unlimited repeats. Ungraded. Open Entry/Open Exit.*
Contact Hours: 17 Lecture
Credit Status: Noncredit
Discipline: Child Dev/Early Childhood Ed
Distance Education: Lecture
Mirrored Course: None
Noncredit Category: I – Short-term Vocational
Orientation: Exempt
Ped Cap: 35
Program Status: Noncredit Certificate of Competency in Early Childhood Education
SAM Code: C – Clearly Occupational
TOP Code: 130500* – Child Development/Early Care and Education

Transfer Status/General Education: Non-transferable

Rationale: *Noncredit opportunity for community members and childcare providers*

Effective Term: Fall 2026

[See Action 8 A.1](#)

5. **WLD 18 - Beginning Industrial Welding (2 Units)**

Catalog Description: *In this course, students will be introduced to welding and cutting processes applicable to the heavy equipment industry. The course includes oxyacetylene cutting (OFC-A), plasma arc cutting (PAC), air carbon arc cutting and gouging (CAC-A), shielded metal arc welding (SMAW), gas metal arc welding (GMAW) processes, and flux cored arc welding (FCAW) processes, in the flat, horizontal and vertical 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 be based on the American Welding Society (AWS) standards. Pass/No Pass.*

Contact Hours: 34 Activity/51 Lab

Discipline: Welding

Grading Method: Pass/No Pass

Ped Cap: 23

Program Status: AS Degree in Diesel Technology, and Certificate of Achievement in Diesel Technology

Transfer Status/General Education: CSU

SAM Code: C - Clearly Occupational

Work Based Learning: Y

Rationale: *Industry needs*

Effective Term: Fall 2026

[Chris Armitage represented Welding](#)

- [Course designed for heavy equipment and automotive programs based on industry advisors; replaces WLD 20](#)

[Motion to approve; M/S/P](#)

B. Course Modification(s) - 50 minutes

1. **AGS 30 - Ecology of Insect and Disease Management (3 Units)**

Catalog Description: *A study of the scientific principles and concepts of ecologically based pest management, with emphasis on economically important insects and pathogens in agriculture, environmental horticulture, natural resources, parks and recreation. Included is an introduction to insects and disease organisms including their biology, ecology, identification and management with a focus on plants of the local geographic area.*

Major Modification: Change in **ped cap (from 40 to 24)**, YBL (A), catalog description, objectives, unit titles, examples of assignments, and materials of instruction;

Rationale: *Ped cap reduction/curriculum review*

Effective Term: Fall 2026

[Jennifer Charles-Tollerup represented Agriculture Science](#)

- [Discussion about ped cap reduction, physical classroom seats, equipment limitations, student safety, personal protective equipment, faculty interactions, and space availability](#)
- [Committee enquired about industry standards that governs ped caps; CSU's ped cap for this type of course is 24](#)
- [Recommended to remove "introduction to" from lab topics](#)

[Motion to remove "introduction to" from lab topics; M/S/P](#)

[Motion to approve as amended; M/S/P](#)

2. **AGS 40 - Introduction to Animal Science (3 Units)**

Catalog Description: *A scientific approach to the livestock industry encompassing aspects of animal anatomy, physiology, nutrition, genetics and epidemiology. Emphasis on the origin, characteristics, adaptations and contributions of livestock to the modern agriculture industry. Field trips may be required. (C-ID AG-AS 104).*

Major Modification: Change in hours (from 51 lecture to 34 lecture), units from (4 to 3), DE (lecture), catalog description, objectives, unit titles, methods of instruction, examples of assignments, and materials of instruction

Rationale: *Curriculum review*

Effective Term: Fall 2026

- [Reduced units due to Cal-GETC denial](#)

[Motion to approve; M/S/P](#)

3. **AGS 50 - General Soils (4 Units)**

Catalog Description: *The study of soil physical, chemical and biological properties. Soil use and management including erosion, moisture retention, structure, cultivation, organic matter and microbiology. Laboratory topics include soil type, classification, soil reaction, soil fertility and physical properties of soil. (C-ID AG-PS 128L).*

Major Modification: Change in **ped cap (from 56 to 24)**, objectives, examples of assignments, and materials of instruction

Rationale: *Ped cap reduction/curriculum review*

Effective Term: Fall 2026

[See Action 8 B.1 for discussion](#)

[Motion to approve; M/S/P](#)

4. **AUT 6 - Automotive Electrical Systems Lecture (2 Units)**

Catalog Description: *This course introduces the theory, operation, and repair in the areas of electrical/electronic systems. Battery function and diagnosis are covered. Topics also include vehicle lighting systems, starting and charging systems, and supplemental restraint systems of a modern vehicle.*

Major Modification: Change in corequisite (delete AUT 7), catalog description, DE (delete lecture), objectives, methods of instruction, methods of evaluation, examples of assignments, and materials of instruction

Rationale: *Curriculum review*

Effective Term: Fall 2026

[Craig Kielb represented Automotive](#)

- [Curriculum and requisite updates](#)

[Motion to block 8 B.4-B.24 and approve; M/S/P](#)

5. **AUT 7 - Automotive Electrical Systems Lab (2 Units)**

Catalog Description: *In this course students will develop and demonstrate the hands-on skills needed to repair automotive electrical/electronic systems. Topics include verification, diagnosis and repair of vehicle charging and starting systems, lighting systems, and supplemental restraint systems.*

Major Modification: Change in corequisite (delete AUT 6), catalog description, DE (delete lecture), objectives, methods of instruction, methods of evaluation, examples of assignments, and materials of instruction

Rationale: *Curriculum review*

Effective Term: Fall 2026

[See Action 8 B.4](#)

6. **AUT 8 - Auto Engines Lecture (3 Units)**

Catalog Description: *This course covers the operation, design, construction, fault diagnosis, service and repair procedures of the internal combustion engine.*

Major Modification: Change in corequisite (delete AUT 9), methods of evaluation, and materials of instruction

Rationale: *Curriculum review*

Effective Term: Fall 2026

[See Action 8 B.4](#)

7. **AUT 9 - Automotive Engines Lab (3 Units)**

Catalog Description: *In this course students will develop and demonstrate the hands-on skills needed to repair the internal combustion engine and related components. Students will learn the proper use of hand and power tools and test equipment used in the automotive industry.*

Major Modification: Change in corequisite (delete AUT 8), objectives, methods of instruction, methods of evaluation, and materials of instruction

Rationale: *Curriculum review*

Effective Term: Fall 2026

[See Action 8 B.4](#)

8. **AUT 20 - Automotive Brakes/Suspension and Steering Systems Lecture (3 Units)**

Catalog Description: *This course introduces the theory, operation, diagnosis and repair in the areas of base brake systems, anti-lock brake systems, and steering and suspension systems. Topics include: the application of Pascal's Law, disk and drum brake systems and their related components, drum brake systems, anti-lock brake system operation, diagnosis and repair, suspension system operation, diagnosis and repair including electronic suspension and steering systems.*

Major Modification: Change in corequisite (delete AUT 21), DE (delete lecture), catalog description, objectives, units titles, methods of instruction, methods of evaluation, examples of assignments, and materials of instruction

Rationale: *Curriculum review*

Effective Term: Fall 2026

[See Action 8 B.4](#)

9. **AUT 21 - Automotive Brakes/Suspension and Steering Systems Lab (3 Units)**

Catalog Description: *In this course students will develop and demonstrate the hands-on skills needed to verify, diagnose and repair vehicle systems, sub systems, and components. Topics include: brake systems including both drum and disc brake systems, Anti-lock Brake Systems (ABS), steering and suspension systems, and electronic steering and suspension systems.*

Major Modification: Change in corequisite (delete AUT 20), methods of instruction, methods of evaluation, examples of assignments, and materials of instruction

Rationale: *Curriculum review*

Effective Term: Fall 2026

[See Action 8 B.4](#)

10. **AUT 22 - Automotive Heating and Air Conditioning Lecture (2 Units)**

Catalog Description: *In this course students study the theory and principles of operation of automotive Heating, Ventilation and Air Conditioning (HVAC) systems as well as engine cooling system operation and repair. Basic laws of heat transfer, refrigeration and compression/expansion of liquid/vapor are introduced.*

Major Modification: Change in corequisite (delete AUT 23), DE (delete lecture), objectives, methods of instruction, methods of evaluation, examples of assignments, and materials of instruction

Rationale: *Curriculum review*

Effective Term: Fall 2026

[See Action 8 B.4](#)

11. AUT 23 - Automotive Heating and Air Conditioning Lab (2 Units)

Catalog Description: *In this course students will develop and demonstrate the hands-on skills required to diagnose, adjust, repair and maintain modern automotive Heating, Ventilation and Air Conditioning (HVAC) and engine cooling systems. Students will use modern test equipment for diagnosis. Specific skills are developed by the use of special tools used in servicing and repair of automotive HVAC and engine cooling systems.*

Major Modification: Change in corequisite (delete AUT 22), objectives, methods of evaluation, and materials of instruction

Rationale: *Curriculum review*

Effective Term: Fall 2026

[See Action 8 B.4](#)

12. AUT 30 - Gas/Diesel Engine Performance Lecture (5 Units)

Catalog Description: *This course introduces the theory, operation, and repair of the ignition, fuel, engine management, and emission control systems on gasoline and diesel-powered vehicles. It will help students identify, analyze and devise comprehensive assessments and diagnostic procedures of vehicle issues or abnormal operations commonly seen in the industry.*

Major Modification: Change in prerequisite (add "or concurrent enrollment"), corequisite (delete AUT 31), DE (delete lecture), catalog description, objectives, units titles, methods of instruction, examples of assignments, and materials of instruction

Rationale: *Curriculum review*

Effective Term: Fall 2026

[See Action 8 B.4](#)

13. AUT 31 - Gas/Diesel Engine Performance Lab (5 Units)

Catalog Description: *In this course, students will develop and demonstrate hands-on skills required to diagnose and repair ignition, fuel, engine management, and emission control systems found in modern gasoline and diesel vehicles. Students will learn to identify and analyze common vehicle issues or abnormal operations encountered in the industry, devise comprehensive diagnostic and repair procedures, and effectively demonstrate these skills.*

Major Modification: Change in prerequisite (add "or concurrent enrollment"), corequisite (delete AUT 30), DE (delete lecture), catalog description, methods of evaluation, examples of assignments, and materials of instruction

Rationale: *Curriculum review*

Effective Term: Fall 2026

[See Action 8 B.4](#)

14. AUT 52 - Automatic Transmissions/Transaxles Lecture (3 Units)

Catalog Description: *This course provides theory and principles of operation in automatic transmissions/transaxles, to include diagnostic, testing and repair of each system.*

Major Modification: Change in corequisite (delete AUT 53), DE (delete lecture), methods of instruction, methods of evaluation, examples of assignments, and materials of instruction

Rationale: *Curriculum review*

Effective Term: Fall 2026

[See Action 8 B.4](#)

15. AUT 53 - Automatic Transmissions/Transaxles Lab (3 Units)

Catalog Description: *This course enhances skills in diagnosing, testing, and repair procedures of automotive transmissions/transaxles, drive lines and axles. Shop practice includes diagnostics, testing, and repairing of each system.*

Major Modification: Change in corequisite (delete AUT 52), DE (delete lecture), objectives, methods of instruction, methods of evaluation, examples of assignments, and materials of instruction

Rationale: *Curriculum review*

Effective Term: Fall 2026

[See Action 8 B.4](#)

16. AUT 56 - Manual Transmissions/Drivetrains Lecture (2 Units)

Catalog Description: *This course provides theory and principles of operation in automotive manual transmissions/transaxles, drive lines and axles. Shop practice includes diagnostics, testing, and repairing of each system.*

Major Modification: Change in corequisite (delete AUT 57), DE (delete lecture), objectives, methods of instruction, methods of evaluation, examples of assignments, and materials of instruction

Rationale: *Curriculum review*

Effective Term: Fall 2026

[See Action 8 B.4](#)

17. AUT 57 - Manual Transmissions/Drivetrains Lab (2 Units)

Catalog Description: *This course provides theory and principles of operation in manual transmissions and transaxles, front and rear axles, drive lines and transfer cases. Shop practice includes diagnostics, testing, and repairing of each system.*

Major Modification: Change in corequisite (delete AUT 56), DE (delete lecture), objectives, methods of instruction, methods of evaluation, examples of assignments, and materials of instruction

Rationale: *Curriculum review*

Effective Term: Fall 2026

[See Action 8 B.4](#)

18. AUT 60 - EV, Hybrid and Alternative Fuel Technologies (2 Units)

Catalog Description: *This course covers the theory of operation and service of electric vehicles and other alternative fuel-powered cars and light trucks. Topics include fuel tank and high-voltage battery inspection service, regenerative braking systems, motor/generator and transmission, and fuel cell technologies. Emphasis is placed on safety precautions necessary when servicing electric, hybrid and alternative-fueled vehicles. Students will be working on and around the high voltage electrical systems.*

Major Modification: Change in prerequisite (add AUT 3), DE (delete lecture), catalog description, objectives, units titles, methods of instruction, methods of evaluation, examples of assignments, and materials of instruction

Rationale: *Curriculum review*

Effective Term: Fall 2026

[See Action 8 B.4](#)

19. AUT 73 - Diesel Industry Technologies Lecture (3 Units)

Catalog Description: *This course develops the skills needed to safely diagnose, repair and maintain the systems and sub-systems specific to heavy duty and over-the-road diesel powered vehicles. Topics will include: Diagnosing problems in mechanical, electrical, pneumatic, and electronic systems with industry standard test equipment; Troubleshooting the sophisticated electronic controls that govern engine performance and horsepower as well as transmission and braking systems; Troubleshooting steering, hydraulic, pneumatic systems, brakes, axles, differentials, electric motors, and compressors. Students will learn heavy-duty industry standardized safety inspection procedures.*

Major Modification: Change in prerequisite (delete AUT 3), corequisite (delete AUT 74), DE (delete lecture), catalog description, objectives, methods of instruction, methods of evaluation, examples of assignments, and materials of instruction

Rationale: *Curriculum review*

Effective Term: Fall 2026

[See Action 8 B.4](#)

20. AUT 74 - Diesel Industry Technologies Lab (3 Units)

Catalog Description: *In this course, students will develop and demonstrate safe work habits along with the hands-on skills needed to diagnose and repair refrigeration units, mobile hydraulic components, heavy duty powertrain units, pneumatic systems, and truck wheel alignments. Emphasis will be placed on the ability to accurately perform heavy-duty maintenance and safety inspections in a timely manner.*

Major Modification: Change in prerequisite (delete AUT 3), corequisite (delete AUT 73), catalog description, objectives, methods of instruction, methods of evaluation, examples of assignments, and materials of instruction

Rationale: *Curriculum review*

Effective Term: Fall 2026

[See Action 8 B.4](#)

21. AUT 81 - Honda PACT Employment Preparation I (3 Units)

Catalog Description: *This course prepares the student for Honda or Acura dealer employment by offering the same training content that dealer technicians must complete. Students will learn fundamental skills in all eight Automotive Service Excellence (ASE) certification categories with a focus specific to Honda and Acura. This course is for students in an ASE Foundation accredited automotive program.*

Major Modification: Change in hours (102 lab to 17 lecture/102 lab), units (from 2 to 3), DE (lecture), catalog description, objectives, unit titles, methods of instruction, methods of evaluation, examples of assignments, and materials of instruction

Rationale: *Curriculum review*

Effective Term: Fall 2026

[See Action 8 B.4](#)

22. AUT 82 - Honda PACT Employment Preparation II (3 Units)

Catalog Description: *This course prepares the student for Honda or Acura dealer employment by offering the same training content that dealer technicians must complete. Students will learn advanced skills in all eight Automotive Service Excellence (ASE) certification categories with a focus specific to Honda and Acura. This course is for fourth semester students in an ASE Education Foundation accredited automotive program.*

Major Modification: Change in hours (102 lab to 17 lecture/102 lab), units (from 2 to 3), DE (lecture), catalog description, objectives, unit titles, methods of instruction, methods of evaluation, examples of assignments, and materials of instruction

Rationale: *Curriculum review*

Effective Term: Fall 2026

[See Action 8 B.4](#)

23. AUT 200 - Chassis, Engines, Electrical, Auto Skills Practice (.50-1.00 Units)

Catalog Description: *This class is a supervised lab experience designed to update and enhance technical skills in the following areas: Engines, Brakes/Chassis, Electrical, and Heating/Air Conditioning (AC) Systems. Instruction will be a combination of laboratory demonstrations and skills practice. This course may be repeated to a maximum of 1.00 units to complete the entire curriculum of the course. Pass/No Pass only. Open Entry/Open Exit.*

Major Modification: Change in corequisite (from "Must be enrolled in a minimum of 2 units of AUT courses (excluding AUT 1, AUT 3)" to "Must be enrolled in a minimum of 2 units of AUT courses (excluding AUT 101, AUT 3)", repeatability (from "unlimited" to "repeat 2 times"), DE (delete lab), objectives, methods of evaluation, and examples of assignments

Rationale: *Curriculum review*

Effective Term: Fall 2026

[See Action 8 B.4](#)

24. AUT 201 - Emissions and Transmissions Auto Skills Practice (.50-1.00 Units)

Catalog Description: *This course is a supervised lab experience designed to update and enhance technical skills in one or more of the following areas: Electrical, Computer/Emission Controls, Drivability and Transmissions/Drive Trains. Instruction will be a combination of laboratory demonstrations and skills practice. This course may be repeated to a maximum of 1.00 units to complete the entire curriculum of the course. Pass/No Pass only. Open Entry/Open Exit.*

Major Modification: Change in corequisite (from "Must be enrolled in a minimum of 2 units of AUT courses (excluding AUT 1, AUT 3)" to "Must be enrolled in a minimum of 2 units of AUT courses (excluding AUT 101, AUT 3)"), repeatability (from "unlimited" to "repeat 2 times"), DE (delete Lab), methods of evaluation, and examples of assignments

Rationale: *Curriculum review*

Effective Term: Fall 2026

[See Action 8 B.4](#)

25. CSCI 22 - Discrete Structures (3 Units)

Catalog Description: *This course is an introduction to the discrete structures used in Computer Science, with an emphasis on their applications. Topics covered include functions, relations and sets, basic logic, proof techniques, basics of counting, graphs and trees, and discrete probability. (C-ID COMP 152).*

Major Modification: Change in prerequisite (delete MATH 13 or MATH 13s, MATH 26 or MATH 26s, MATH 28 or MATH 28s; add "Intermediate Algebra or equivalent"), objectives, examples of assignments, and materials of instruction

Rationale: *C-ID alignment*

Effective Term: Fall 2026

[Luke Sathrum represented Computer Science](#)

- [Advisory recommended changes; C-ID alignment](#)
- [Discussion about prerequisite change and UC alignment, and assessment of high school math equivalents](#)
- [Department is removing student barriers to better align with current practices; CSUC requires math and takes all C-ID aligned courses; students will self-select math course](#)

[Motion to lay item on table for department input; M/S/P](#)

[Motion to approve; M/S/P](#)

26. HLTH 40 - Drugs, Health, and Society (3 Units)

Catalog Description: *This course offers a comprehensive examination of the epidemiological and toxicological dimensions of substance use and abuse, with a particular emphasis on its implications for public health. Students will engage with foundational and advanced concepts related to substance dependence, including the classification and pharmacodynamics of both licit and illicit drugs. The curriculum delves into the neurobiological and physiological mechanisms by which various substances affect the human brain and body. The course investigates the sociopolitical and economic determinants that influence drug production, distribution, and consumption. Students will analyze national data on substance use trends – including tobacco, alcohol, prescription medications, and other psychoactive agents – while exploring the multifactorial risk profiles associated with addiction. The course also surveys contemporary recovery paradigms and evaluates the efficacy of local and national support systems and resources. (C-ID PH 103).*

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

Rationale: *Cal-GETC resubmission*

Effective Term: Fall 2026

[Jeff Jordan represented Health](#)

- [Added more research and theory for Cal-GETC re-submission/approval](#)
- [Discussion about SLOs being more concise; Cal-GETC denied last submission](#)

Motion to approve; M/S/P

C. Distance Education – 1 minute

1. **BUS 46 - Project Management**

Catalog Description: *This course is intended to prepare students to become entry-level project managers. Project Management professionals focus on project scope, procurement, time, risk, cost, quality, human resources, communication, and integration management. Students will learn to manage projects in a variety of industries with hands-on training, tools, and techniques that can be applied immediately in the job market.*

DE Request: Lecture

Rationale: *Offering flexibility*

Effective Term: Spring 2026

[Kenneth Bearden represented Business Education](#)

- [DE will add scheduling flexibility](#)

Motion to approve; M/S/P

D. Course Deletion(s) – 2 minutes

1. **CDF 44 - Guiding Children's Behavior**

Program Status: Standalone

Rationale: *Course no longer offered*

Effective Term: Fall 2026

- [Course replaced by new course](#)

Motion to block 8 D.1-D.2 and approve; M/S/P

2. **CSCI 53 - Server Administration**

Program Status: AS Degree in Computer System Administration, AS Degree in Cyber-Security Practitioner, Certificate of Achievement in Computer System Administration, Certificate of Achievement in Cyber-Security Practitioner, and Certificate in Server Administration

Rationale: *Course no longer offered*

Effective Term: Fall 2026

- [Deletion requested at last curriculum meeting](#)

[See Action 8 D.1](#)

E. New Program(s) – 2 minutes

1. **Noncredit Certificate of Competency in Early Childhood Education (0 Units)**

Catalog Description: *The Non-Credit Early Childhood Education Certificate prepares individuals for careers in child development and early learning. Through focused coursework, students gain foundational knowledge of child development, family childcare licensing, play-based curriculum, and effective methods for observing and guiding children's behavior.*

Noncredit Category: I - Short Term Vocational

Required Core: CDF 310, CDF 315, CDF 325, and CDF 344

TOP Code: 1305.40*

Program Goal: Career Preparation

Rationale: *This certificate provides accounting skills needed for governmental or nonprofit accounting; new program; Career opportunity*

Effective Term: Fall 2026

- [Community partnerships/career opportunities for licensed family childcare centers and training](#)

Motion to approve; M/S/P

F. Program Modification(s) – 30 minutes

1. **AS Degree in Agriculture Science (44-45 Units)**

Catalog Description: *The Agriculture Science program connects plant science and soil science to crop production practices such as fertility, irrigation, and pest management in agriculture systems. Courses cover areas of scientific principles, economic marketplaces, societal food systems, and crop production to equip you with the skills to grow agriculture commodities. Challenges facing agriculture are opportunities for you to dig in, get dirty, and solve problems. Come and explore how agriculture science can support communities in California and beyond. California ranks first in the nation in annual gross agricultural returns. The livestock industry and over 400 specialty crops provide a variety of career choices. Employment is found on ranches and farms, as well as the vast agriculture service industry. Career opportunities also exist with governmental agencies and non-profits as well as agriculture education.*

Modification: Change in units (from 43-44 to 44-45), required core (add AGS 10, AGS 40 or AGS 45, EH 38, EH 60, EH 66, STAT C1000 or STAT C1000E; delete AB 26, AB 50, AB 54, AET 30, AGS 10 or NR 26), select two (change to "select one"; add AGS 51; delete AET 26, AGS 40, and AGS 45), catalog description, and PLOs

Rationale: *Program update*

Effective Term: Fall 2026

- Industry advisory recommendations and CSUC transfer alignment
- Program choices minimized to create a clear pathway for students
- Discussion about work experience (WKE) courses in program, and the potential to waive requirement
- Career Center involved in student placement; students need real world work experience and will have support from the department

Motion to approve; M/S/P

2. **AS Degree in Automotive Technology (42 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 units (from 48 to 42), required core (delete AUT 3), Admission to the Program (Prerequisite/Corequisite: add "AUT 3 or equivalent"), and PLOs

Rationale: *Program update*

Effective Term: Fall 2026

- Program prerequisites updated (added "AUT 3 or equivalent"; removed course-level requisites)
- Requisite changes provide opportunities for high school students, credit for prior learning (CPL), and eliminates roadblocks
- Discussion about cost of program and website information; website will be updated, flyers and monthly program tours are provided for high school students
- Requisite discussion:
 - Program prerequisites/corequisite changed to "AUT 101 (or equivalent) or AUT 3 (or equivalent) before program admittance; an accreditation requirement
 - AUT 3 will be open enrollment, easier for students; recruiters will visit AUT 3 classrooms to discuss program options
- Discussion about financial aid impacts for students due to requisite changes; financial aid confirmed official program prerequisites could be funded if coded as "exceptions"
- Students should be advised to select the AS program

Motion to block 8 F.2-F.4, F.6-F.8 and approve; M/S/P (Ayes 15; Nays 0; Abstentions 1)

3. **AS Degree in Diesel Technology (48 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. Upon successful completion of the Diesel Technology Program, students will enter the industry with their Section 609 Compliance Certification, making it possible to service refrigeration units. Along with the 609 Certification, students will also receive their Department of Transportation (D.O.T.) brake inspection certification.*

Modification: Change in units (from 56 to 48), required core (delete AUT 3 and WLD 20; add WLD 18), Admission to the Program (Prerequisite/Corequisite: add "AUT 3 or equivalent"), and PLOs

Rationale: *Program update*

Effective Term: Fall 2026

[See Action 8 F.2](#)

4. **AS Degree in Automotive Technology - Honda, Professional Automotive Career Training (PACT) (49.5 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. The Butte College Automotive Technology program is an ASE Education Foundation certified school and has partnered with American Honda to prepare students for employment as automotive technicians in Honda and Acura dealerships. All automotive classes are offered at the Skyway Center in Chico. The Skyway Center is a modern facility and completely outfitted with all Honda, Acura, and 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 units (from 53.50 to 49.50); required core (delete AUT 3; unit increase from 2 to 3 for AUT 81 and AUT 83), Admissions to the Program (Prerequisite/Corequisite: add "AUT 3 or equivalent"), and PLOs

Rationale: *Program update*

Effective Term: Fall 2026

[See Action 8 F.2](#)

5. **AS Degree in Recording Arts (28-30 Units)**

Catalog Description: *The Recording Arts program provides students with fundamental to advanced knowledge and understanding of audio recording techniques and applications. Students learn audio recording methods and how to operate the equipment used in a professional recording studio, as well as computer-based composition and mixing. Courses include theory, performance, digital music production, and hands-on experience including recording, overdubbing, mixing and mastering.*

Modification: Change in units (from 24 to 28-30), required core (add MUS 40, MUS 41, MUS 90), Select one (delete MUS 20, MUS 21, MUS 30, MUS 31, and MUS 40; add MUS 4, MUS 82, RTVF 30)

Rationale: *Program update*

Effective Term: Fall 2026

[Dave Elke represented Recording Arts](#)

- [Modernized coursework, restructured units, and added piano for CSUC alignment](#)
- [AS and CA degrees mirror each other; added MUS 90 per industry advisors](#)

[Motion to block 8 F.5, F.10 and approve; M/S/P](#)

6. **Certificate of Achievement in Automotive Technology (42 Units)**

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

Modification: Change in units (from 48 to 42), required core (delete AUT 3), and PLOs

Rationale: *Program update*

Effective Term: Fall 2026

[See Action 8 F.2](#)

7. **Certificate of Achievement in Diesel Technology (48 Units)**

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

Modification: Change in units (from 56 to 48), required core (delete AUT 3 and WLD 20; add WLD 18), and PLOs

Rationale: *Program update*

Effective Term: Fall 2026

[See Action 8 F.2](#)

8. **Certificate of Achievement in Automotive Technology - Honda, Professional Automotive Career Training (PACT) (49.5 Units)**

Catalog Description: *See AS Degree in Automotive Technology - Honda, Professional Automotive Career Training (PACT).*

Modification: Change in units (from 53.50 to 49.50), required core (delete AUT 3; unit increase from 2 to 3 for AUT 81 and AUT 83), and PLOs

Rationale: *Program update*

Effective Term: Fall 2026

[See Action 8 F.2](#)

9. **Certificate of Achievement in Plant Protection (42 Units)**

Catalog Description: *The Plant Protection Certificate prepares candidates for the California State Agricultural Pest Control Adviser (PCA) License examinations and Qualified Applicator License exams. Required courses meet the minimum educational qualifications for the PCA License, and course objectives equip students for exams in IPM principles, laws and regulations, pest identification, physical and biological sciences, crop health, pest management systems and methods, and production systems. Technical experience is highly encouraged through work experience placement.*

Modification: Change in Physical, Biological Science and Natural Sciences (Select 12 units): add PSC 10 and NR 55; Crop Health (Select 9 units): add AGS 99; Production Systems (Select 6 units): add AGS 40, AGS 45, and AGS 99; delete EH 28, EH 40, EH 41, and EH 42); catalog description, PLOs, and no change in units

Rationale: *Program update*

Effective Term: Fall 2026

- [Program mirrors California PCA Licensing exam content requirements; AGS 99 required in different content areas; added CDPR approved courses](#)
- [Discussion about student population, program options/choices, and whether or not there are too many choices; flexibility serves more students](#)
- [Conversation about course offering patterns and accountability of specific term references in program map \(fall/spring only\); must build infrastructure to ensure guaranteed future term offerings](#)

[Motion to approve; M/S/P \(Ayes 12; Nays 1; Abstentions 3\)](#)

10. **Certificate of Achievement in Recording Arts (28-30 Units)**

Catalog Description: *See AS Degree in Recording Arts.*

Modification: Change in units (from 24 to 28-30), required core (add MUS 40, MUS 41, MUS 90), Select one (delete MUS 20, MUS 21, MUS 30, MUS 31, MUS 40, and MUS 41; add MUS 4, MUS 82, RTVF 30)

Rationale: *Program update*

Effective Term: Fall 2026

[See Action 8 F.5](#)

11. Certificate in Business on the Web (15 Units)

Catalog Description: *(Not Eligible for Financial Aid) Students are introduced to web marketing tools, strategies, application and measurement. It examines benefits and challenges associated with web marketing technologies including web site development, search engine optimization, online advertising, social media, email campaigns, blog marketing, digital public relations, multimedia and mobile marketing. Students will learn how to create a web marketing strategy and then apply web marketing technologies in a measurable way to achieve business objectives.*

Modification: Change in required core (add BCIS 17; delete BCIS 15), PLOs, no change in units

Recommended Change: PLO #1 – replace “understand” with “articulate”

Rationale: Program update/Postponed from 11.17.25 meeting

Effective Term: Fall 2026

Kenneth Bearden represented Business Education

- Program title question as all business are now on the web; department will consider Motion to approve; M/S/P (Ayes 14; Nays 0; Abstentions 1)

Motion to extent meeting by 10 minutes; M/S/P

G. Other Items/Consent Items – 10 minutes

1. AGS 45 - Feeds and Feeding (3 Units)

Catalog Description: *This course is a study of the basic nutrients involved in animal nutrition: protein, energy, vitamins, minerals and feed additives and their utilization by the animal's body. An analysis of the feeding value of common feedstuffs in practical livestock rations will be completed. Students will be introduced to the formulation of balanced rations for species of livestock including least cost computer formulated rations.*

Minor Modification: Change in examples of assignments, **methods of evaluation**, and materials of instruction

Rationale: Curriculum review

Effective Term: Fall 2026

- Recommended change to methods of evaluation for sample assignment alignment: add “papers, projects and homework”

Motion to add “papers, projects, and homework” to methods of evaluation; M/S/P

Motion to approve as amended; M/S/P

9. Discussion Item(s) – 1 minute

A. Future Meetings

- February 9, 2026
- February 23, 2026

10. Adjournment

Motion to adjourn at 5:05pm; M/S/P