



CYPRESS COLLEGE CURRICULUM COMMITTEE

Tuesday, March 5, 2024

Cypress College Complex (CCCPLX) 406

Minutes

(Approved 3/19/2024)

Voting Members:

- | | | |
|--|--|--|
| <input checked="" type="checkbox"/> Rassoul Alizadeh (Business) | <input checked="" type="checkbox"/> Daniel Lind (ALT-Social Science) | <input checked="" type="checkbox"/> Denise Vo (ALT-Counseling) |
| <input checked="" type="checkbox"/> Jolena Grande (Health Science) | <input checked="" type="checkbox"/> Jordan Hamamoto (Kinesiology) | <input checked="" type="checkbox"/> Larry Ramos (Career Technical Education) |
| <input checked="" type="checkbox"/> Joseph Melodia (Language Arts) | <input checked="" type="checkbox"/> Tony Maher (Visual and Performing Arts) | <input type="checkbox"/> Joyce Peacock (Library) |
| <input checked="" type="checkbox"/> Juan Garcia (ALT-Articulation Officer) | <input checked="" type="checkbox"/> Stephanie Spooner (Science, Engineering, Math) | |

Non-Voting Members:

- | | | |
|---|--|---|
| <input type="checkbox"/> Rick Hodge, OCRC Rep | <input checked="" type="checkbox"/> Jolena Grande (CPL Coordinator) | <input type="checkbox"/> Jesus Ramirez, Jr. (A.S. Rep.) |
| <input checked="" type="checkbox"/> Marbelly Jairam (Curriculum Specialist) | <input checked="" type="checkbox"/> Jolena Grande (ALT-Curriculum Chair) | <input checked="" type="checkbox"/> Colin Preston (Academic Dean) |
| <input checked="" type="checkbox"/> Kathleen Reiland (VPI) | <input type="checkbox"/> Patrick Tuufuli (Admissions & Records) | |

Guests: Angela Haugh, Regina Russell

Call to Order: by Jolena Grande at 3 p.m.

Establish Quorum and Acknowledge Alternates: Quorum established; alternates acknowledged: Juan Garcia for Jacky Rangel, Daniel Lind for Eric Bladh, and Denise Vo for Renay Laguana-Ferinac.

Adoption of the Agenda: MSP 9-0-0

Approval of February 20, 2024 minutes:

Motion made for the following corrections: Compressed schedule discussion vote from MSP 6-4-0 to MSP 6-0-4, and Administration Report, OCRC Dean to CTE Dean. **MSP 8-0-1**

Public Commentary (3 minutes per speaker)

No public commentary was received.

Curriculum Specialist Report

Curriculum Specialist had no report but reminded everyone to review queues and to contact her with any questions.

Articulation Officer Report

Juan Garcia had no report.

Division Reports: All division reps

Business/CIS: No report.

Career Technical Education: No report.

Counseling: No report.

Health Science: Rep shared that conversations regarding seminar shells and adoption timelines are taking place in her division. A discussion ensued with the committee regarding this matter, which the number of times a seminar can be offered will be brought forth to the committee in the future.

Kinesiology: No report.

Language Arts: No report.

Library: Not present to give report.

Science/Engineering/Math: Rep shared that all is well in her division.

Social Science: No report.

Visual and Performing Arts: No report.

CPL Coordinator Report

CPL Coordinator shared information from her recent attendance at the Spring Curriculum Regional meeting, for which presentation slides are available to view in Canvas. Emphasis was placed on operationalization and data with 50,000 items falling into “other” category that is not IB, AP, etc. Data collection continues to be collected to move forward and expand CPL. Rep encouraged all to view the slides and contact her with questions.

Administration Report

Vice President of Instruction shared several updates: Board of Governors meeting on March 25th, where voting on attendance method and new funding formulas is expected. If approved, implementation options will be either Fall 2024 or 2025, with negative effects on FTES that will need to be addressed.

Daily memos from the Chancellor’s Office are being received with deadlines that will be simplified in a spreadsheet and shared with the committee at the next meeting. The emphasis was placed on the deadline of August 2024, where students will need to be placed into an ADT if they declare their intention to transfer. However, students can opt to a local degree or certificate. A mechanism needs to be in place to ensure that students are placed into an ADT along with an SEP.

The MOU for OER, ZTC, and POCR stipends was sent via email by Christie Diep, and shared.

Professional Development and the Distance Education team recently held an impressive Tech Talk on Cidi Labs DesignPLUS. Highlights from this were free auto-populating captions on videos and accessibility. Courses look great and are easier to follow as a result.

Chair Report

Jolena Grande shared the following report on behalf of the Chair, further reminding of the documents available in Canvas:

Curriculum Regionals - South (February 24, 2024) -Chair, Curriculum Specialist and CPL Coordinator attended

- [IDEAA Strategies for Curriculum](#)
 - DEI in Curriculum: Model Principles and Practices
 - DEI in Praxis: Models For Culturally Responsive Curriculum
- [NUTS & BOLTS OF Cal-GETC](#)
 - [Cal-GETC 1.1](#)
 - No resubmissions for IGETC approved
 - New version released January 2024 has clarified some subject areas course designations or areas 3-5
 - GE requirements for Local degrees also discussed.
- [General Session – Credit for Prior Learning/ Baccalaureate Degree Program](#)
 - CPL data reporting and inaccuracies
 - Baccalaureate degree approval process
- [MQs Equivalence Cross-listing](#)

Common Course Numbering (CCN), is currently transitioning from a planning phase to an implementation phase

- [2023-common-course-numbering-task-force-report-2-15-24-a11y.pdf](#)
- [Transfer to Baccalaureate Degree Attainment Initiative Implementation at a Glance - 2-21-24.pdf](#)

California Community College Norming Session

- Recording posted - [Chancellor's Office Curriculum Review Norming and Updates](#)

Upcoming ASCCC Events

- [California Legislative Process 101](#)
 - Wednesday March 20, 2024 1-2pm
- [Equity in the Online Course](#)
 - Wednesday March 20, 2024 1-2pm
- Pre-session Resolutions packet out to the field by March 15, 2024

- [Area D Meeting Online](#)
 - March 22, 9am-3pm

Approval of curriculum

Info items:

COMM 138 C-Total learning hours corrected from 72-180 to 72-108, previously board approved 12/10/2019, effective **Summer 2024**.

COMM 238 C- Total learning hours corrected from 72-180 to 72-108, previously board approved 12/10/2019, effective **Summer 2024**.

ATC 103 C-Moved corequisite language to advisory and revised catalog description- previously locally approved on 2/20/2024, effective Fall 2024.

ATC 210 C-Removed materials fee and revised advisory language, and catalog/schedule description- previously locally approved on 2/20/2024, effective Fall 2024.

MATH 120 C-Removed MATH 120HC from the catalog description, and add the following statement-previously board approved 12/14/2021, effective **Summer 2024**.

Students who receive credit for this course may not receive credit for MATH 120PC.

Duplicate credit not granted for PSY 161 C, PSY 161HC, SOC 161 C, or SOC 161HC.

MATH 120PC- Removed MATH 120HC from the catalog description, and add the following statement-previously board approved 12/14/2021, effective **Summer 2024**.

Students who receive credit for this course may not receive credit for MATH 120C.

Duplicate credit not granted for PSY 161 C, PSY 161HC, SOC 161 C, or SOC 161HC.

PSY 161 C-Revised the statement in the catalog description to add MATH 120PC, previously board approved 11/9/2021, effective **Summer 2024**. It will read,

Students who receive credit for this course may not receive credit for MATH 120 C or MATH 120PC.

Duplicate credit not granted for PSY 161HC, SOC 161 C, or SOC 161HC.

PSY 161HC-Revised the statement in the catalog description to add MATH 120PC, previously board approved 11/9/2021, effective **Summer 2024**. It will read,

Students who receive credit for this course may not receive credit for MATH 120 C or MATH 120PC.

Duplicate credit not granted for PSY 161C, SOC 161 C, or SOC 161HC.

SOC 161 C-Revised the statement in the catalog description to add MATH 120PC, previously board approved 11/9/2021, effective **Summer 2024**. It will read,

Students who receive credit for this course may not receive credit for MATH 120 C or MATH 120PC.

Duplicate credit not granted for PSY 161 C, PSY 161HC, or SOC 161HC.

SOC 161HC-Revised the statement in the catalog description to add MATH 120PC, previously board approved 11/9/2021, effective **Summer 2024**. It will read,

Students who receive credit for this course may not receive credit for MATH 120 C or MATH 120PC.

Duplicate credit not granted for PSY 161 C, PSY 161HC, or SOC 161C.

Public Health Associate in Science Degree for Transfer (AS-T) -Removed PHS 296 C and add PHS 107 C to list C- previously board approved 12/12/2023, effective Fall 2024.

DEACTIVATE COURSES		
COURSE ID	EFF DATE	JUSTIFICATION
AT 200 C Electronic and Electrical Diagnostics Action: MSP	2024 Fall	The electronics program has changed within the automotive industry. In accordance with industry standards, New electrical/electronics course proposals will be submitted soon.

NEW COURSES					
COURSE ID	ACTION TAKEN	CLASS SIZE	CLASS SIZE JUSTIFICATION	EFF DATE	JUSTIFICATION
ACR 110 Vinyl Wrap Application	*New Course *Class fee: \$125	18	Class size is based on industry recommended class	2024 Fall	Vinyl art is widely used in both the automotive industry and industrial signage. Demand is high for

Units: 3 Lecture: 2.5 Laboratory: 1.5 Action: MSP	*Grading Option: Pass/No Pass/Letter Grade *Prerequisites: None *Corequisites: None *Advisory: None *CSU Transfer		size for maximum time with students based on equipment and training aids available		qualified technician's in both sectors.
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REVISED COURSES					
COURSE ID	ACTION TAKEN	CLASS SIZE	CLASS SIZE JUSTIFICATION	EFF DATE	JUSTIFICATION
AT 105 C Automotive Electrical I Units: 6 Lecture: 4.5 Laboratory: 4.5 Action: MSP	*Outline Update *Units from 4 to 6 *Lecture hours from 3 to 4.5 *Lab hours from 3 to 4.5 *Catalog/Schedule Description Update *Student Learning Outcomes Update	24	Physical and safety constraints limit class, along with recommendations from the National Automotive Technicians Education Foundation (NATEF). Labs in which the instructor provides extensive individualized feedback/evaluation on a regular basis. (e.g. problem sets, scientific experiments, vocational skills, lab reports). The structure of the AT department is based on collaborative work groups of 2 in the electrical lab, and 4 per car when in the main lab, with tools and equipment for 6 teams.	2024 Fall	Outline, units, lecture/lab hours, catalog/schedule description, and SLOs updated to better reflect course content. This is part of a restructure of AT 105 and AT 106 to cover all the electrical content required for diagnosing and repairing the systems on the vehicles of today and the near future. This will also bring these courses into compliance with 2022 revised ASE Education Foundation Curriculum Standards and prepares the department for our re-certification in 2024.
AT 106 C Automotive Electrical II Units: 6 Lecture: 4.5 Laboratory: 4.5 Action: MSP	*Outline Update *Units from 4 to 6 *Prerequisite updated to include, Completion of or concurrent enrollment. *Lecture hours from 3 to 4.5 *Lab hours from 3 to 4.5 *Catalog/Schedule Description Update *Student Learning Outcomes Update	24	All automotive technology courses at Cypress College involve lecture/individualized instruction and lab that involve extensive individualized feedback to develop vocational skills. With extensive involvement with our advisory committees (both general automotive and Toyota) the recommendation was follow NATEF standard of 24, which maintains a safe working environment by creating collaborative work groups of 4.	2024 Fall	Outline, units, prerequisite language, lecture/lab hours, catalog/schedule description, and SLOs updated to better reflect course content. The Automotive Technology General Program is revising AT 105 and AT 106 by expanding the course outlines for each. This allows the content required for current and future vehicles, including the advanced system related to advanced driving assist, safety and infotainment.
AT 110 C Introduction to Automotive Technology Units: 4 Lecture: 3 Laboratory: 3 Action: MSP	*Outline Update *Catalog/Schedule Description Update *Student Learning Outcomes Update *Textbook Update	24	All automotive technology courses at Cypress College involve lecture/individualized instruction and lab that involves extensive individualized feedback to develop vocational skills. With extensive involvement with our advisory committees (both general automotive and Toyota) the recommendation was to follow	2024 Fall	Outline, catalog/schedule description, SLOs, and textbook updated to better reflect course content. The AT General Program requires that course AT 110 prepare students for the lab work and study requirements of the core 12 unit courses that are part of the General Automotive

			the industry standard of 12:1. While this is not feasible in our educational model, the student to instructor ratio of 24:1 allows us to maintain a safe working environment by creating collaborative work groups of 4.		Technology certificates. This course revision provides a revised course outline and related textbook to support this effort.
AT 230 C Advanced Alignment and Chassis Units: 4 Lecture: 3 Laboratory: 3 Action: MSP	*Outline Update *Textbook Update	24	All automotive technology courses at Cypress College involve lecture/individualized instruction and lab that involve extensive individualized feedback to develop vocational skills. With extensive involvement with our advisory committees both general automotive and Toyota) the recommendation was follow NATEF standard of 24, which maintains a safe working environment by creating collaborative work groups of 4.	2024 Fall	Outline and textbook updated to better reflect course content.
AT 260 C T-TEN Toyota Electrical Systems Units: 12 Lecture: 9 Laboratory: 9 Action: MSP	*Outline Update *Removed prerequisite: AT 110 C *Updated prerequisite language to read, AT 109 C with a minimum grade of B. *Catalog Description Update *Student Learning Outcomes Update	24	All automotive technology courses at Cypress College involve lecture/individualized instruction and lab that involves extensive individualized feedback to develop vocational skills. With extensive involvement with our advisory committees (both general automotive and Toyota) the recommendation was to follow the industry standard of 12:1. While this is not feasible in our educational model, the student to instructor ratio of 24:1 allows us to maintain a safe working environment by creating collaborative work groups of 4.	2024 Fall	Outline, prerequisites, catalog description, and SLOs updated to better reflect course content. Just an update to the pre-requisite language in order to maintain the restricted access for only students who have completed AT 109 C, the first T-TEN course.
ATC 192 C Airline Reservations: SABRE Units: 3 Lecture: 2 Laboratory: 3 Action: MSP	*Outline Update	27	Lab – Individualized Feedback/Evaluation. Labs in which the instructor provides extensive individualized feedback/evaluation on a regular basis. (e.g. problem sets, scientific experiments, vocational skills, lab reports)	2024 Fall	Outline updated to better reflect course content.
ATC 220 C Advanced Air Navigation Units: 2 Lecture: 2 Laboratory: 0	*Outline Update *Prerequisite revalidated *Student Learning Outcomes Update	30	Individualized Instruction/Group Learning/Student Presentations Class time focuses on individualized instruction, student presentation time, and/or group learning.	2024 Fall	Outline, prerequisite revalidated, and SLOs updated to better reflect course content.

<p>ATC 232 C Instrument Rating Units: 3 Lecture: 3 Laboratory: 0 Action: MSP</p>	<p>*Outline Update *Advisory revalidated *Catalog Description Update</p>	<p>25</p>	<p>The class size was approved in 2009 with consideration to the following: Students in aviation classes are expected to pass Federal Aviation Administration exams, demonstrate critical thinking, and resolve complex aviation scenarios. Mistakes or failure to comprehend the material could have dire consequences when the students take flight or manage an airport. The complex nature of aviation instruction requires that Career Technical Education instructors be much more hands-on and engaged in insuring student competency. Aviation instructors recognize the serious safety implications when students do not fully comprehend the subject matter, so instructors must rely on a teaching pedagogy, which includes Socratic questioning and debate, group analyses, hands-on activities, and students' practical demonstrations. Student success depends heavily on the instructor as a facilitator for ensuring student understanding and competency of complex material. Students work with flight simulation equipment to demonstrate understanding of instrument flying with individualized instruction. "Most of the time the students are engaged in practicing the skill(s) they are learning and the instructor gives each student individual instruction as the class proceeds."</p>	<p>2024 Fall</p>	<p>Outline, advisory revalidated, and catalog description updated to better reflect course content.</p>
<p>ATC 236 C Aerodynamics Units: 3 Lecture: 3 Laboratory: 0 Action: MSP</p>	<p>*Outline Update *Advisory revalidated</p>	<p>35</p>	<p>Students in aviation classes are expected to pass Federal Aviation Administration exams, demonstrate critical thinking, and resolve complex aviation scenarios. Mistakes or failure to comprehend the material could have dire consequences when the students take flight or manage an airport. The complex nature of aviation instruction requires that Career Technical Education instructors be much more hands-on and engaged in insuring student competency. Aviation instructors recognize the serious safety implications when students do not fully comprehend the subject matter, so instructors must rely on a teaching pedagogy, which includes Socratic questioning and debate, group analyses, hands-on activities, and students' practical demonstrations. Student success depends heavily on the instructor as a facilitator for ensuring student</p>	<p>2024 Fall</p>	<p>Outline and advisory revalidated.</p>

			understanding and competency of complex material. Students work together in small groups preparing an airline simulation project over the course of the semester. Consistent with the seat size guideline for 35: “While the instructor does lecture, much of the class time focuses on discussion, group learning, and/or formal/informal student presentations.”		
ATC 244 C Aviation Instructor Units: 3 Lecture: 1 Laboratory: 6 Action: MSP	*Outline Update *Add Distance Education: Fully *Prerequisite revalidated *Catalog Description Update *Textbook Updated	30	Maintain class size of 30 in keeping with the Class Size Planning and Resource Document, as this course requires advanced levels of critical thinking with demonstrated leadership skills in an aviation instructional environment. Rationale: Students in the Aviation Program are expected to pass Federal Aviation Administration exams, demonstrate critical thinking, and resolve complex equipment failures, pre-flight planning, and flight safety scenarios. Mistakes or failure to comprehend the material could have dire consequences when the students take flight or manage an airport. Aviation instructors recognize the serious safety implications when students do not fully comprehend the subject matter, so instructors must rely on a dynamic teaching pedagogy, which includes Socratic questioning and debate, group discussion and analyses, hands-on practice, and student demonstrations. While student success depends heavily on the aviation instructor as a facilitator who verifies student understanding of complex material, program success depends heavily on Cypress College being responsive to the industry. Each year our Advisory Board hammers the need for aviation schools to provide students who demonstrate critical thinking in applying their flight safety skills. Passing a written exam is not enough. Instructors cannot fully evaluate a student’s ability to demonstrate critical thinking in a traditional lecture format for instruction. Given the complexity of the subject matter with significant safety implications, it is recommended that the seat count for this class be maintained at 30 to be consistent with our Class Size Planning guidelines	2024 Fall	Outline, adding fully online, prerequisite revalidated, catalog description, and textbook updated to better reflect course content.
ATC 250 C Turbine	*Outline Update	20	This .5 unit course is taught in conjunction with Flight Safety	2024 Fall	Outline, corequisite moved to advisory, and catalog

<p>Simulator Observation Units: .5 Lecture: .5 Laboratory: 0 Action: MSP</p>	<p>*Corequisite moved to advisory. *Catalo Description Update</p>		<p>International at the Long Beach Airport in full-motion flight simulators. The Class Size Document notes the following for a class size of 25 "Labs in which the instructor provides extensive individualized feedback/evaluation on a regular basis. (e.g. problem sets, scientific experiments, vocational skills, lab reports)." While this course meets that criteria, only 20 students can be accommodated in one session by our industry partner. This opportunity is an exceptional experience for Cypress students to have access to state of the art commercial flight simulators. Increasing the seat count would prevent the course from being offered.</p>		<p>description updated to better reflect course content.</p>
<p>ATC 255 C Turbine Simulator Orientation Units: .5 Lecture: .5 Laboratory: 0 Action: MSP</p>	<p>*Outline Update *Advisory revalidated</p>	20	<p>This .5 unit course is taught in conjunction with Flight Safety International at the Long Beach Airport in full-motion flight simulators. The Class Size Document notes the following for a class size of 25 "Labs in which the instructor provides extensive individualized feedback/evaluation on a regular basis. (e.g. problem sets, scientific experiments, vocational skills, lab reports)." While this course meets that criteria, only 20 students can be accommodated in one session by our industry partner. This opportunity is an exceptional experience for Cypress students to have access to state of the art commercial flight simulators. Increasing the seat count would prevent the course from being offered.</p>	2024 Fall	<p>Outline updated and advisory revalidated to better reflect course content.</p>
<p>ATC 256 C Crew Resource Management Units: 3 Lecture: 3 Laboratory: 0 Action: MSP</p>	<p>*Outline Update</p>	35	<p>No Change. All students prepare a research project that includes an essay and class Power Point presentation. While the instructor does lecture, much of the class time focuses on discussion, group learning, and/or formal/informal student presentations. Evaluation primarily through objective</p>	2024 Fall	<p>Outline updated to better reflect course content.</p>

			exams. Writing assignments are assessed mostly for concepts and structure.		
HS 361 C Dying/Death and Grief/Mourning Units: 3 Lecture: 3 Laboratory: 0 Action: MSP	*Outline Update *Prerequisite revalidated *Catalog/Schedule Description Update *Textbook Update	20	Designed as an upper division general education course with a significant communication component for the Bachelor of Science Degree in Funeral Service. In addition to the issue of appropriate rigor, the Cypress College Baccalaureate Advisory Group recommends a maximum of 20 students for a seminar-style honors course to allow for in-depth class discussion and student presentations.	2024 Fall	Outline, prerequisite revalidated, catalog/schedule description, and textbook updated to better reflect course content.
PHOT 216 C Advanced Digital Photography Units: 3 Lecture: 2 Laboratory: 4 Action: MSP	*Outline Update *Add prerequisite: PHOT 115 C *Prerequisite revalidated. *Advisory revalidated *Catalog Description Update *Student Learning Outcomes	25	Labs in which the instructor provides extensive individualized feedback/evaluation on a regular basis. (e.g. problem sets, scientific experiments, vocational skills, lab reports)	2024 Fall	Outline, add prerequisite, revalidated advisory/prerequisite, catalog description, and SLOs updated to better reflect course content.
RADT 153 C Radiography Patient Care Units: 3 Lecture: 3 Laboratory: 0 Action: MSP	*Outline Update *Add Distance Education: Partially and Fully. *Student Learning Outcomes Update *Textbook Update	30	•Class time focuses on individualized instruction, student presentation time, and/or group learning. •Requires three or more writing assignments using advanced analytical and critical thinking skills. •Writing assignments are assessed for critical thinking, conceptual understanding, structure, style and mechanics.	2024 Summer	Outline, adding distance education, SLOs, and textbook updated to better reflect course content.

NEW DEGREES/CERTIFICATES					
DEGREE		EFF DATE	JUSTIFICATION		
Air Conditioning/Refrigeration Action: MSP	<p>Air Conditioning & Refrigeration Plumbing Certificate</p> <p>Plumbing trade skills are a full compliment to a full-service mechanical contractor besides that of air conditioning and refrigeration. The Air Conditioning & Refrigeration Plumbing certificate examines industry specific technical trade skills specific to plumbing trades. To earn this certificate, complete the required courses as listed with a grade of C or better. At least 50% of all major course work must be completed at Cypress College. This certificate requires a total of 21 units.</p> <p>Air Conditioning & Refrigeration Plumbing Certificate</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;"></td> <td style="width: 40%; text-align: right;">Units</td> </tr> </table>		Units	2024 Fall	Plumbing is a compliment to a full-service mechanical contractor in the realm of Air Conditioning & Refrigeration.
	Units				

	<table border="1"> <tr><td>AC/R140 C</td><td>Plumbing Principles and Practices</td><td>4</td></tr> <tr><td>AC/R141 C</td><td>Plumbing Fixtures</td><td>3</td></tr> <tr><td>AC/R142 C</td><td>Plumbing System Repairs</td><td>2</td></tr> <tr><td>AC/R143 C</td><td>Plumbing Irrigation</td><td>2</td></tr> <tr><td>AC/R100 C</td><td>Principles of Thermodynamics and Heat Transfer</td><td>3</td></tr> <tr><td>AC/R120 C</td><td>Piping Practice, Tools and Safety</td><td>3</td></tr> <tr><td>AC/R115 C</td><td>Gas Heat Transfer Systems</td><td>3</td></tr> <tr><td>AC/R055 C</td><td>Technician Customer Relations</td><td>1</td></tr> <tr><td colspan="2">Total Units</td><td>21</td></tr> </table>	AC/R140 C	Plumbing Principles and Practices	4	AC/R141 C	Plumbing Fixtures	3	AC/R142 C	Plumbing System Repairs	2	AC/R143 C	Plumbing Irrigation	2	AC/R100 C	Principles of Thermodynamics and Heat Transfer	3	AC/R120 C	Piping Practice, Tools and Safety	3	AC/R115 C	Gas Heat Transfer Systems	3	AC/R055 C	Technician Customer Relations	1	Total Units		21		
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Psychiatric Technology Action: MSP	<p>Psychiatric Technician Aide Certificate</p> <p>The Psychiatric Technician Aide certificate program prepares the student for an exciting career in the health care field, with an emphasis in aiding Psychiatric Technicians and other health care providers. This program prepares students to provide care in long-term care facilities, psychiatric facilities and habilitation facilities for persons diagnosed with developmental disabilities. This program emphasizes safety principles, infection control, and methods for providing physical care, emotional and social support. Students familiarize with the regulatory guidelines pertaining to certify nurse assistants' scope of practice, fundamentals of the disease process, and concepts of providing care for individuals diagnosed with Intellectual disabilities and mental illness. This certificate requires a total of 16 units.</p> <p>Required courses (16 units):</p> <table border="1"> <tr><td></td><td></td><td>Units</td></tr> <tr><td>PSY101 C</td><td>Introduction to Psychology</td><td>3</td></tr> <tr><td>BIOL160 C</td><td>Integrated Medical Science</td><td>3</td></tr> <tr><td>PSY139 C</td><td>Developmental Psychology</td><td>3</td></tr> <tr><td>PT110 C</td><td>Nursing Science I</td><td>7</td></tr> <tr><td colspan="2">Total Units</td><td>16</td></tr> </table>			Units	PSY101 C	Introduction to Psychology	3	BIOL160 C	Integrated Medical Science	3	PSY139 C	Developmental Psychology	3	PT110 C	Nursing Science I	7	Total Units		16	2024 Fall	Prepare a psychiatric Technology student with the knowledge and skills in the fundamentals of nursing necessary assist patients diagnosed with psychiatric disorders									
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MODIFY DEGREES/CERTIFICATES												
DEGREE		EFF DATE	JUSTIFICATION									
Automotive Technology Action: MSP	<p>Automotive T-TEN Toyota and Lexus Specialist Certificate</p> <p>This program is designed to prepare students for employment as automotive technicians in Toyota dealerships. Training is given in theory and practical skills. Directed practical work is given in all areas of automotive maintenance and repair under simulated on-the-job conditions. Particular emphasis is placed on those competencies required of Toyota technicians. The program will provide the student the opportunity to acquire the knowledge and skills demanded of the modern Toyota technician. The courses are sequential and the student enters the program as part of cohort based on their grade from AT 109 C, Introduction to Toyota Technology. To earn a certificate, complete the required courses as listed with a minimum grade of C or better. 100% of all course work must be completed at Cypress College. This certificate requires a total of 62 units.</p> <p>The courses are listed in the required sequence (62 units)</p> <table border="1"> <tr><td></td><td></td><td>Units</td></tr> <tr><td>AT109 C</td><td>Introduction to Toyota Automotive Technology</td><td>4</td></tr> <tr><td>AT260 C</td><td>T-TEN Toyota Electrical Systems</td><td>12</td></tr> </table>			Units	AT109 C	Introduction to Toyota Automotive Technology	4	AT260 C	T-TEN Toyota Electrical Systems	12	2024 Fall	*Catalog Description Update *CIP Code Update *Add PSLOs Total units remain the same. This certificate is awarded when the student has completed all T-TEN related course work, demonstrates proficiency in the T-TEN and ASE Education Foundation curriculum tasks
		Units										
AT109 C	Introduction to Toyota Automotive Technology	4										
AT260 C	T-TEN Toyota Electrical Systems	12										

	<table border="1"> <tr> <td>AT254 C</td> <td>T-TEN Brakes, Steering, Suspension and Chassis Electronics</td> <td>12</td> </tr> <tr> <td>AT270 C</td> <td>T-TEN Climate Control Systems</td> <td>4</td> </tr> <tr> <td>AT210 C</td> <td>T-TEN Internal Combustion Engines and Alternative Fuels</td> <td>6</td> </tr> <tr> <td>AT223 C</td> <td>T-TEN Transmissions, Driveline, and Electric Drivetrain</td> <td>12</td> </tr> <tr> <td>AT283 C</td> <td>TTEN ICE/HV/EV Performance and Driveability</td> <td>12</td> </tr> <tr> <td colspan="2">Total Units</td> <td>62</td> </tr> </table>	AT254 C	T-TEN Brakes, Steering, Suspension and Chassis Electronics	12	AT270 C	T-TEN Climate Control Systems	4	AT210 C	T-TEN Internal Combustion Engines and Alternative Fuels	6	AT223 C	T-TEN Transmissions, Driveline, and Electric Drivetrain	12	AT283 C	TTEN ICE/HV/EV Performance and Driveability	12	Total Units		62		and has met the graduation requirements for T-TEN.			
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AT283 C	TTEN ICE/HV/EV Performance and Driveability	12																						
Total Units		62																						
Automotive Technology Action: MSP	<p>Automotive Technology - Electrical Diagnostic Specialist Certificate</p> <p>This program is designed to prepare students for employment as automotive electrical system diagnostic specialists. Coursework includes the theory and operation of electrical systems, the use of test instruments, and skill competency in electrical system diagnosis and repair. The program will allow the student to acquire the knowledge and skills demanded of the modern automotive electrical system specialist. To earn a certificate, complete the courses listed below with a minimum grade of C or better. At least 50% of all coursework must be completed at Cypress College. This certificate requires a total of 13.5-16 units.</p> <p>Electrical Diagnostic Specialist (16 units)</p> <table border="1"> <thead> <tr> <th></th> <th></th> <th>Units</th> </tr> </thead> <tbody> <tr> <td>AT105 C</td> <td>Automotive Electrical I</td> <td>6</td> </tr> <tr> <td>AT106 C</td> <td>Automotive Electrical II</td> <td>6</td> </tr> <tr> <td>AT050 C</td> <td>Auto Tech Special Projects</td> <td>.5-3</td> </tr> <tr> <td>AT295 C</td> <td>Automotive Internship</td> <td>1</td> </tr> <tr> <td colspan="2">Total Units</td> <td>16</td> </tr> </tbody> </table>			Units	AT105 C	Automotive Electrical I	6	AT106 C	Automotive Electrical II	6	AT050 C	Auto Tech Special Projects	.5-3	AT295 C	Automotive Internship	1	Total Units		16	2024 Fall	*Catalog Description Update *Add PSLOs *Removed: AT 200 C *Add: AT 106 C, AT 050 C, AT 295 C Total units from 16 to 13.5-16.			
		Units																						
AT105 C	Automotive Electrical I	6																						
AT106 C	Automotive Electrical II	6																						
AT050 C	Auto Tech Special Projects	.5-3																						
AT295 C	Automotive Internship	1																						
Total Units		16																						
Automotive Technology Action: MSP	<p>Automotive Technology - Maintenance Technician Certificate</p> <p>This program is designed to prepare students for employment as automotive maintenance technicians in dealerships and independent repair shops. Training is given in theory and practical skills. Directed practical work is given in all areas of automotive maintenance and repair under simulated on-the-job conditions. Particular emphasis is placed on those competencies required of maintenance technicians. The program will provide the student the opportunity to acquire the knowledge and skills demanded of the modern maintenance technician. The sequence in which courses are taken may be modified to meet individual needs. To earn a certificate, complete the required courses as listed with a minimum grade of "C". At least 50% of all course work must be completed at Cypress College. This certificate requires a total of 40 units.</p> <p>Required courses are listed in suggested sequence:</p> <table border="1"> <thead> <tr> <th></th> <th></th> <th>Units</th> </tr> </thead> <tbody> <tr> <td>AT110 C</td> <td>Introduction to Automotive Technology</td> <td>4</td> </tr> <tr> <td>AT105 C</td> <td>Automotive Electrical I</td> <td>6</td> </tr> <tr> <td>AT111 C</td> <td>Automotive Quick Service</td> <td>6</td> </tr> <tr> <td>AT130 C</td> <td>Auto Chassis and Brake Systems</td> <td>12</td> </tr> <tr> <td>AT150 C</td> <td>Auto Performance and Driveability</td> <td>12</td> </tr> <tr> <td colspan="2">Total Units</td> <td>40</td> </tr> </tbody> </table>			Units	AT110 C	Introduction to Automotive Technology	4	AT105 C	Automotive Electrical I	6	AT111 C	Automotive Quick Service	6	AT130 C	Auto Chassis and Brake Systems	12	AT150 C	Auto Performance and Driveability	12	Total Units		40	2024 Fall	*Catalog Description Update *Add PSLOs *Course units update: AT 105 C Total units from 38 to 40.
		Units																						
AT110 C	Introduction to Automotive Technology	4																						
AT105 C	Automotive Electrical I	6																						
AT111 C	Automotive Quick Service	6																						
AT130 C	Auto Chassis and Brake Systems	12																						
AT150 C	Auto Performance and Driveability	12																						
Total Units		40																						
Automotive Technology Action: MSP	<p>Automotive Technology Associate in Science Degree</p> <p>The following program is designed to prepare students for employment as automotive technicians and in numerous other related areas of the automotive</p>	2024 Fall	*Catalog Description Update *Add PSLOs																					

	<p>and transportation industry. Training is given in both theory and practical skills. Directed practical work is given in all automotive maintenance and repair areas under simulated on-the-job conditions. To earn an Associate Degree, students must complete: (1) all major course requirements with a minimum grade of C or better; (2) Cypress College Native General Education requirements; California State University General Education Breadth requirements (CSU GE Breadth) or IGETC General Education requirements; (3) any elective courses to complete a minimum of 60 units; and, (4) have a minimum GPA of 2.0. At least 50% of all major coursework must be completed at Cypress College. Courses that fulfill major requirements for an Associate Degree at Cypress College might not be the same as those required for completing the major at a transfer institution offering a Baccalaureate Degree. Please consult your counselor or visit the Transfer Center for information on specific university requirements. This degree requires 60 units in addition to other general education requirements.</p> <p>Choose courses from the list below (56 units).</p> <table border="1" data-bbox="358 646 1055 934"> <thead> <tr> <th></th> <th></th> <th>Units</th> </tr> </thead> <tbody> <tr> <td>AT105 C</td> <td>Automotive Electrical I</td> <td>6</td> </tr> <tr> <td>AT106 C</td> <td>Automotive Electrical II</td> <td>6</td> </tr> <tr> <td>AT120 C</td> <td>Auto Engine Repair and Machining</td> <td>12</td> </tr> <tr> <td>AT130 C</td> <td>Auto Chassis and Brake Systems</td> <td>12</td> </tr> <tr> <td>AT140 C</td> <td>Auto Drivetrains/Transmissions</td> <td>12</td> </tr> <tr> <td>AT150 C</td> <td>Auto Performance and Driveability</td> <td>12</td> </tr> <tr> <td colspan="2">Total Units</td> <td>60</td> </tr> </tbody> </table>			Units	AT105 C	Automotive Electrical I	6	AT106 C	Automotive Electrical II	6	AT120 C	Auto Engine Repair and Machining	12	AT130 C	Auto Chassis and Brake Systems	12	AT140 C	Auto Drivetrains/Transmissions	12	AT150 C	Auto Performance and Driveability	12	Total Units		60	<p>*Add courses: AT 105 C, AT 106 C *Removed course: AT 200 C Total units from 48 to 60.</p>																					
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AT105 C	Automotive Electrical I	6																																													
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Total Units		60																																													
<p>Automotive Technology Action: MSP</p>	<p>Automotive Technology Certificate</p> <p>This program is designed to prepare students for employment as automotive technicians. Training is given in both theory and practical skills. Directed practical work is given in all areas of the automotive maintenance and repair under simulated on-the-job conditions. The program will provide the student the opportunity to acquire the knowledge and skills demanded of the modern automotive technician. The sequence in which courses are taken may be modified to meet individual needs. Primary emphasis is to prepare the student for occupational competency in automotive technology. This certificate requires a total of 57-58 units.</p> <p>Required courses are listed in suggested sequence: (54 units)</p> <table border="1" data-bbox="358 1333 1055 1564"> <thead> <tr> <th></th> <th></th> <th>Units</th> </tr> </thead> <tbody> <tr> <td>AT105 C</td> <td>Automotive Electrical I</td> <td>6</td> </tr> <tr> <td>AT120 C</td> <td>Auto Engine Repair and Machining</td> <td>12</td> </tr> <tr> <td>AT130 C</td> <td>Auto Chassis and Brake Systems</td> <td>12</td> </tr> <tr> <td>AT140 C</td> <td>Auto Drivetrains/Transmissions</td> <td>12</td> </tr> <tr> <td>AT150 C</td> <td>Auto Performance and Driveability</td> <td>12</td> </tr> </tbody> </table> <p>Select a minimum of 3-4 units from the elective courses listed below</p> <table border="1" data-bbox="358 1591 1055 1879"> <thead> <tr> <th></th> <th></th> <th>Units</th> </tr> </thead> <tbody> <tr> <td>AT050 C</td> <td>Auto Tech Special Projects</td> <td>0.5 - 3</td> </tr> <tr> <td>AT101 C</td> <td>Survey of the Automobile</td> <td>3</td> </tr> <tr> <td>AT102 C</td> <td>Automotive History</td> <td>3</td> </tr> <tr> <td>AT106 C</td> <td>Automotive Electrical II</td> <td>6</td> </tr> <tr> <td>AT110 C</td> <td>Introduction to Automotive Technology</td> <td>4</td> </tr> <tr> <td>AT111 C</td> <td>Automotive Quick Service</td> <td>6</td> </tr> <tr> <td>AT115 C</td> <td>Automotive Air Conditioning</td> <td>4</td> </tr> <tr> <td>AT170 C</td> <td>Clean Air Car Level 1 and 2</td> <td>4</td> </tr> </tbody> </table>			Units	AT105 C	Automotive Electrical I	6	AT120 C	Auto Engine Repair and Machining	12	AT130 C	Auto Chassis and Brake Systems	12	AT140 C	Auto Drivetrains/Transmissions	12	AT150 C	Auto Performance and Driveability	12			Units	AT050 C	Auto Tech Special Projects	0.5 - 3	AT101 C	Survey of the Automobile	3	AT102 C	Automotive History	3	AT106 C	Automotive Electrical II	6	AT110 C	Introduction to Automotive Technology	4	AT111 C	Automotive Quick Service	6	AT115 C	Automotive Air Conditioning	4	AT170 C	Clean Air Car Level 1 and 2	4	<p>2024 Fall *Catalog Description Update *Add PSLOs *Course unit update: AT 105 C, AT 106 C *Removed: AT 298 C Total units from 55-56 to 57-58</p>
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	<table border="1"> <tr> <td>AT171 C</td> <td>Advanced Clean Air Car Course</td> <td>2</td> </tr> <tr> <td>AT209 C</td> <td>Toyota Portfolio TPORT</td> <td>1</td> </tr> <tr> <td>AT250 C</td> <td>Advanced Performance and Driveability</td> <td>4</td> </tr> <tr> <td>AT280 C</td> <td>Introduction to Alternative Fuels</td> <td>4</td> </tr> <tr> <td>AT281 C</td> <td>Introduction to Electric-Hybrid Vehicles</td> <td>4</td> </tr> <tr> <td>BUS266 C</td> <td>Human Relations in Business</td> <td>3</td> </tr> <tr> <td colspan="2">Total Units</td> <td>57 - 58</td> </tr> </table>	AT171 C	Advanced Clean Air Car Course	2	AT209 C	Toyota Portfolio TPORT	1	AT250 C	Advanced Performance and Driveability	4	AT280 C	Introduction to Alternative Fuels	4	AT281 C	Introduction to Electric-Hybrid Vehicles	4	BUS266 C	Human Relations in Business	3	Total Units		57 - 58		
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Total Units		57 - 58																						
Automotive Technology Action: MSP	<p>Automotive Technology Certificate – Brake and Alignment Specialist</p> <p>This program is designed to prepare students for employment as automotive brake and alignment technicians. Training is given in theory and practical skills. Directed practical work is given in areas of automotive maintenance and repair under simulated on-the-job conditions. Particular emphasis is placed on those competencies required of brake, suspension, and alignment technicians. The program will provide the student the opportunity to acquire the knowledge and skills demanded of the modern automotive brake, suspension, and alignment technician. The sequence in which courses are taken may be modified to meet individual needs. To earn a certificate, complete the required courses as listed with a minimum grade of “C”. At least 50% of all course work must be completed at Cypress College</p> <p>Required courses are listed in suggested sequence:</p> <table border="1"> <thead> <tr> <th></th> <th></th> <th>Units</th> </tr> </thead> <tbody> <tr> <td>AT130 C</td> <td>Auto Chassis and Brake Systems</td> <td>12</td> </tr> <tr> <td>AT105 C</td> <td>Automotive Electrical I</td> <td>6</td> </tr> <tr> <td colspan="2">Total Units</td> <td>18</td> </tr> </tbody> </table>			Units	AT130 C	Auto Chassis and Brake Systems	12	AT105 C	Automotive Electrical I	6	Total Units		18	2024 Fall	*Catalog Description Update *Add PSLOs *Course unit update: AT 105 C Total units from 16 to 18.									
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Automotive Technology Action: MSP	<p>Automotive Technology – Electrical Systems Specialist Certificate</p> <p>This program is designed to prepare students for employment as an automotive electrical system specialist. Course work includes theory and operation of electrical systems, the use of test instruments, and skill competency in electrical system diagnosis and repair. The program will provide the student the opportunity to acquire the knowledge and skills demanded of the modern automotive electrical system specialist. The sequence in which the courses are taken may be modified to meet individual needs. To earn a certificate, complete the required courses as listed with a minimum grade of “C”. At least 50% of all course work must be completed at Cypress College. This certificate requires a total of 13 units.</p> <p>Required courses are listed in numeric sequence:</p> <table border="1"> <thead> <tr> <th></th> <th></th> <th>Units</th> </tr> </thead> <tbody> <tr> <td>AT105 C</td> <td>Automotive Electrical I</td> <td>6</td> </tr> <tr> <td>AT161 C</td> <td>Diagnostics & Digital Meters</td> <td>1</td> </tr> <tr> <td>AT162 C</td> <td>Diagnostics & Digital Scopes</td> <td>2</td> </tr> <tr> <td>AT163 C</td> <td>Diagnostics & Scan-Tools</td> <td>2</td> </tr> <tr> <td>AT164 C</td> <td>Diagnostics & OBD II</td> <td>2</td> </tr> <tr> <td colspan="2">Total Units</td> <td>13</td> </tr> </tbody> </table>			Units	AT105 C	Automotive Electrical I	6	AT161 C	Diagnostics & Digital Meters	1	AT162 C	Diagnostics & Digital Scopes	2	AT163 C	Diagnostics & Scan-Tools	2	AT164 C	Diagnostics & OBD II	2	Total Units		13	2024 Fall	*Updated program title from Automotive Technology Certificate-Electrical Systems Specialist Certificate *Add CIP Code *Catalog Description Update *Add PSLOs *Course unit update: AT 105 C Total units from 11 to 13.
		Units																						
AT105 C	Automotive Electrical I	6																						
AT161 C	Diagnostics & Digital Meters	1																						
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AT163 C	Diagnostics & Scan-Tools	2																						
AT164 C	Diagnostics & OBD II	2																						
Total Units		13																						
Automotive Technology Action: MSP	<p>Automotive Technology Certificate – Emission Control Specialist</p> <p>This program is designed to prepare students for employment as an automotive emission control specialist. Training is given in theory and practical skills.</p>	2024 Fall	*Add CIP Code *Catalog Description Update *Add PSLOs																					

	<p>Directed practical work is given in areas of automotive maintenance and repair under simulated on-the-job conditions. Particular emphasis is placed on those competencies required of emission control technicians. The program will provide the student the opportunity to acquire the knowledge and skills demanded of the modern automotive emission control specialist. The sequence in which courses are taken may be modified to meet individual needs. To earn a certificate, complete the required courses as listed with a minimum grade of “C”. At least 50% of all course work must be completed at Cypress College. This certificate requires a total of 16.5-19 units.</p> <p>Required courses are listed in suggested sequence:</p> <table border="1" data-bbox="358 499 1052 758"> <thead> <tr> <th></th> <th></th> <th>Units</th> </tr> </thead> <tbody> <tr> <td>AT050 C</td> <td>Auto Tech Special Projects</td> <td>0.5 - 3</td> </tr> <tr> <td>AT105 C</td> <td>Automotive Electrical I</td> <td>6</td> </tr> <tr> <td>AT170 C</td> <td>Clean Air Car Level 1 and 2</td> <td>4</td> </tr> <tr> <td>AT171 C</td> <td>Advanced Clean Air Car Course</td> <td>2</td> </tr> <tr> <td>AT250 C</td> <td>Advanced Performance and Driveability</td> <td>4</td> </tr> <tr> <td colspan="2">Total Units</td> <td>16.5 - 19</td> </tr> </tbody> </table>			Units	AT050 C	Auto Tech Special Projects	0.5 - 3	AT105 C	Automotive Electrical I	6	AT170 C	Clean Air Car Level 1 and 2	4	AT171 C	Advanced Clean Air Car Course	2	AT250 C	Advanced Performance and Driveability	4	Total Units		16.5 - 19	<p>*Course unit update: AT 105 C Total units from 17 to 16.5-19</p>
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Total Units		16.5 - 19																					
<p>Automotive Technology Action: MSP</p>	<p>Automotive Technology Certificate – Engine Specialist</p> <p>This program is designed to prepare students for employment as an automotive engine repair specialist. Training is given in theory and practical skills. Directed practical work is given in all areas of automotive maintenance and repair under simulated on-the-job conditions. Particular emphasis is placed on those competencies required of engine repair technicians and machinists. The program will provide the student the opportunity to acquire the knowledge and skills demanded of the modern automotive engine specialist. The sequence in which courses are taken may be modified to meet individual needs. To earn a certificate, complete the required courses as listed with a minimum grade of “C”. At least 50% of all course work must be completed at Cypress College. This certificate requires a total of 18 units.</p> <p>Required courses are listed in suggested sequence:</p> <table border="1" data-bbox="358 1213 1052 1377"> <thead> <tr> <th></th> <th></th> <th>Units</th> </tr> </thead> <tbody> <tr> <td>AT120 C</td> <td>Auto Engine Repair and Machining</td> <td>12</td> </tr> <tr> <td>AT105 C</td> <td>Automotive Electrical I</td> <td>6</td> </tr> <tr> <td colspan="2">Total Units</td> <td>18</td> </tr> </tbody> </table>			Units	AT120 C	Auto Engine Repair and Machining	12	AT105 C	Automotive Electrical I	6	Total Units		18	<p>2024 Fall *Add CIP Code *Catalog Description Update *Add PSLOs *Course unit update: AT 105 C Total units from 16 to 18.</p>									
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AT105 C	Automotive Electrical I	6																					
Total Units		18																					
<p>Automotive Technology Action: MSP</p>	<p>Automotive Technology Certificate – Performance and Driveability Specialist</p> <p>This program is designed to prepare students for employment as an automotive performance and driveability specialist. Training is given in theory and practical skills. Directed practical work is given in areas of automotive maintenance and repair under simulated on-the-job conditions. Particular emphasis is placed on those competencies required of performance and driveability technicians. The program will provide the student the opportunity to acquire the knowledge and skills demanded of the modern automotive performance and driveability specialist. The sequence in which courses are taken may be modified to meet individual needs. To earn a certificate, complete the required courses as listed with a minimum grade of “C”. At least 50% of all course work must be completed at Cypress College. This certificate requires a total of 18 units.</p> <p>Required courses are listed in suggested sequence:</p> <table border="1" data-bbox="358 1864 1052 1894"> <thead> <tr> <th></th> <th></th> <th>Units</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>			Units				<p>2024 Fall *Catalog Description Update *Add PSLOs *Course title update: AT 105 C Total units from 16 to 18.</p>															
		Units																					

	<table border="1"> <tr> <td>AT150 C</td> <td>Auto Performance and Driveability</td> <td>12</td> </tr> <tr> <td>AT105 C</td> <td>Automotive Electrical I</td> <td>6</td> </tr> <tr> <td colspan="2">Total Units</td> <td>18</td> </tr> </table>	AT150 C	Auto Performance and Driveability	12	AT105 C	Automotive Electrical I	6	Total Units		18					
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AT105 C	Automotive Electrical I	6													
Total Units		18													
Automotive Technology Action: MSP	<p>Automotive Technology Certificate – Transmission Specialist</p> <p>This program is designed to prepare students for employment as automotive transmission and power train specialist. Training is given in theory and practical skills. Directed practical work is given in areas of automotive maintenance and repair under simulated on-the-job conditions. Particular emphasis is placed on those competencies required of transmission and power train technicians. The program will provide the student the opportunity to acquire the knowledge and skills demanded of the modern automotive transmission and power train specialist. The sequence in which courses are taken may be modified to meet individual needs. To earn a certificate, complete the required courses as listed with a minimum grade of “C”. At least 50% of all course work must be completed at Cypress College. This certificate requires a total of 18 units.</p> <p>Required courses are listed in suggested sequence:</p> <table border="1"> <thead> <tr> <th></th> <th></th> <th>Units</th> </tr> </thead> <tbody> <tr> <td>AT140 C</td> <td>Auto Drivetrains/Transmissions</td> <td>12</td> </tr> <tr> <td>AT105 C</td> <td>Automotive Electrical I</td> <td>6</td> </tr> <tr> <td colspan="2">Total Units</td> <td>18</td> </tr> </tbody> </table>			Units	AT140 C	Auto Drivetrains/Transmissions	12	AT105 C	Automotive Electrical I	6	Total Units		18	2024 Fall	*Catalog Description Update *Add PSLOs *Course unit update: AT 105 C Total units from 16 to 18.
		Units													
AT140 C	Auto Drivetrains/Transmissions	12													
AT105 C	Automotive Electrical I	6													
Total Units		18													
Career Education Action: MSP	<p>CE Instructor Training Associate in Science Degree</p> <p>The Career Education (CE; CTE) Instructor Training program provides current and aspiring Career Education educators and students with course work to enhance their teaching expertise and to further their professional goals. Students completing this certificate will acquire highly useful technical skills, pedagogical expertise, and historical/contemporary knowledge of the increasingly significant Career Education opportunities in high schools, regional occupational, continuing, and higher education. To earn an Associate Degree, students must complete all graduation requirements to include (1) all major course requirements with a grade of C or better; (2) Cypress College Native General Education requirements; California State University General Education Breadth requirements (CSU GE Breadth) or IGETC General Education requirements; (3) the social justice, equity and sustainability and reading requirements; (4) any elective courses to complete a total of 60 units; and, (5) have a minimum GPA of 2.0. At least 50% of all major course work must be completed at Cypress College. Courses that fulfill major requirements for an Associate Degree at Cypress College might not be the same as those required for completing the major at a transfer institution offering a Baccalaureate Degree. For information on specific university requirements, please consult with your counselor, visit www.assist.org or visit the Transfer Center. This degree requires a total of 21-25 units in the major in addition to other graduation requirements.</p> <p>Required Core: Complete nine units of CE Instructor Training coursework (9 units):</p> <table border="1"> <thead> <tr> <th></th> <th></th> <th>Units</th> </tr> </thead> <tbody> <tr> <td>CE201 C</td> <td>CE Teacher Training 1: Portfolio</td> <td>3</td> </tr> <tr> <td>CE202 C</td> <td>CE Teacher Training 2: Technologies</td> <td>3</td> </tr> <tr> <td>CE295 C</td> <td>CE Teacher Training 3: Practicum</td> <td>3</td> </tr> </tbody> </table> <p>Complete or be in the process of completing a minimum of 9 or 12 units within a discipline that falls within a career education pathway or in consultation with the Department Chair of a CTE pathway. Please see the careers.cypresscollege.edu website for examples of</p>			Units	CE201 C	CE Teacher Training 1: Portfolio	3	CE202 C	CE Teacher Training 2: Technologies	3	CE295 C	CE Teacher Training 3: Practicum	3	2024 Fall	*Catalog Description Update *Course unit update: AT 105 C, AT 106 C Total units from 18-21 to 21-25
		Units													
CE201 C	CE Teacher Training 1: Portfolio	3													
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<p>Career Education Action: MSP</p>	<p>CE Instructor Training Certificate</p> <p>Career Education and Career Technical Education (CTE TOP-coded programs) teachers will learn, practice and apply pedagogical approaches and instructional technologies in actual and virtual teaching environments. This instructor training and professional development certificate program complements and enhances one's career education subject knowledge and expertise and includes: career education history, pedagogy and labor market overview; course syllabus, lesson plan and curriculum development; practical teaching opportunities; and creation of a professional portfolio. This certificate requires a total of 21-25 units.</p> <p>Required Core: Complete nine units of CE Instructor Training coursework (9 units):</p> <table border="1"> <thead> <tr> <th></th> <th></th> <th>Units</th> </tr> </thead> <tbody> <tr> <td>CE201 C</td> <td>CE Teacher Training 1: Portfolio</td> <td>3</td> </tr> <tr> <td>CE202 C</td> <td>CE Teacher Training 2: Technologies</td> <td>3</td> </tr> <tr> <td>CE295 C</td> <td>CE Teacher Training 3: Practicum</td> <td>3</td> </tr> </tbody> </table> <p>Complete an additional 9 or 12 minimum units in an area of expertise and/or in consultation with the CE Department Chairperson. See examples below of expertise areas.</p> <p>Automotive Technology (12-16 units):</p> <table border="1"> <thead> <tr> <th></th> <th></th> <th>Units</th> </tr> </thead> <tbody> <tr> <td>AT110 C</td> <td>Introduction to Automotive Technology</td> <td>4</td> </tr> <tr> <td>AT105 C</td> <td>Automotive Electrical I</td> <td>6</td> </tr> <tr> <td>AT106 C</td> <td>Automotive Electrical II</td> <td>6</td> </tr> <tr> <td>AT115 C</td> <td>Automotive Air Conditioning</td> <td>4</td> </tr> </tbody> </table> <p>Aviation and Travel Careers (9-10 units):</p> <table border="1"> <thead> <tr> <th></th> <th></th> <th>Units</th> </tr> </thead> <tbody> <tr> <td>ATC101 C</td> <td>Introduction to Travel Careers</td> <td>3</td> </tr> <tr> <td>ATC132 C</td> <td>Private Pilot</td> <td>4</td> </tr> </tbody> </table>			Units	CE201 C	CE Teacher Training 1: Portfolio	3	CE202 C	CE Teacher Training 2: Technologies	3	CE295 C	CE Teacher Training 3: Practicum	3			Units	AT110 C	Introduction to Automotive Technology	4	AT105 C	Automotive Electrical I	6	AT106 C	Automotive Electrical II	6	AT115 C	Automotive Air Conditioning	4			Units	ATC101 C	Introduction to Travel Careers	3	ATC132 C	Private Pilot	4	<p>2024 Fall</p>	<p>*Catalog Description Update *Course unit update: AT 105 C, AT 106 C Total units from 18-21 to 21-25</p>												
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Other-any additional concerns committee members might want to bring up for items that do not require vote.

The committee reviewed and discussed Fullerton College's proposed AA GE patterns. The workgroup for Cypress is currently looking at elements for this now, which will later be presented to this committee and the Academic Senate for determination. The hope is there is consensus between Fullerton and Cypress as students may be inclined to favor an institution whose pattern is less units.

Meeting Adjourned: 4:02 p.m.