



CYPRESS COLLEGE CURRICULUM COMMITTEE

Tuesday, March 5, 2024

Cypress College Complex (CCCPLX) 406

AGENDA

Your attendance is critical in helping to meet the curriculum needs of Cypress College. Remember, if you are unable to attend please find an alternate representative.

Call to Order:

Joyce Peacock, Chair

1. Establish Quorum and Acknowledge Alternates
2. Adoption of the Agenda
3. Approval of February 20, 2024 *minutes*: (attached)
4. Public Commentary (3 minutes per speaker)
5. Curriculum Specialist Report: Marbelly Jairam
6. Articulation Officer Report: Jacky Rangel
7. Division Reports: All division reps
8. CPL Coordinator Report: Jolena Grande
9. Administration Report
10. Chair Report
11. Approval of curriculum
12. Other-any additional concerns committee members might want to bring up for items that do not require vote

Info items:

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

COMM 238 C- Total learning hours corrected from 72-180 to 72-108, previously board approved 12/10/2019, effective Fall 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 Fall 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 Fall 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 Fall 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 Fall 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 Fall 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 Fall 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	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 Units: 3 Lecture: 2.5 Laboratory: 1.5	*New Course *Class fee: \$125 *Grading Option: Pass/No Pass/Letter Grade *Prerequisites: None *Corequisites: None *Advisory: None *CSU Transfer	18	Class size is based on industry recommended class size for maximum time with students based on equipment and training aids available	2024 Fall	Vinyl art is widely used in both the automotive industry and industrial signage. Demand is high for qualified technician's in both sectors.

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	*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	*Outline Update *Units from 4 to 6	24	All automotive technology courses at Cypress College	2024 Fall	Outline, units, prerequisite language, lecture/lab hours,

Electrical II Units: 6 Lecture: 4.5 Laboratory: 4.5	*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		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.		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	*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 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, 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 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	*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	*Outline Update *Removed prerequisite: AT 110 C *Updated prerequisite language to read, AT 109 C with a	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	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

	minimum grade of B. *Catalog Description Update *Student Learning Outcomes Update		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.		completed AT 109 C, the first T-TEN course.
ATC 192 C Airline Reservations: SABRE Units: 3 Lecture: 2 Laboratory: 3	*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.
ATC 232 C Instrument Rating Units: 3 Lecture: 3 Laboratory: 0	*Outline Update *Advisory revalidated *Catalog Description Update	25	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	2024 Fall	Outline, advisory revalidated, and catalog description updated to better reflect course content.

			instructor gives each student individual instruction as the class proceeds."		
ATC 236 C Aerodynamics Units: 3 Lecture: 3 Laboratory: 0	*Outline Update *Advisory revalidated	35	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 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."	2024 Fall	Outline and advisory revalidated.
ATC 244 C Aviation Instructor Units: 3 Lecture: 1 Laboratory: 6	*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	2024 Fall	Outline, adding fully online, prerequisite revalidated, catalog description, and textbook updated to better reflect course content.

			<p>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</p>		
<p>ATC 250 C Turbine Simulator Observation Units: .5 Lecture: .5 Laboratory: 0</p>	<p>*Outline Update *Corequisite moved to advisory. *Catalog Description Update</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, corequisite moved to advisory, and catalog description updated to better reflect course content.</p>
<p>ATC 255 C Turbine Simulator Orientation Units: .5 Lecture: .5 Laboratory: 0</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</p>	2024 Fall	<p>Outline updated and advisory revalidated to better reflect course content.</p>

			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.		
ATC 256 C Crew Resource Management Units: 3 Lecture: 3 Laboratory: 0	*Outline Update	35	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 exams. Writing assignments are assessed mostly for concepts and structure.	2024 Fall	Outline updated to better reflect course content.
HS 361 C Dying/Death and Grief/Mourning Units: 3 Lecture: 3 Laboratory: 0	*Outline Update *Prerequisite revalidated *Catalog/Schedule Description 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, and catalog/schedule description updated to better reflect course content.
PHOT 216 C Advanced Digital Photography Units: 3 Lecture: 2 Laboratory: 4	*Outline Update *Add prerequisite: PHOT 115 C *Prerequisite revalidated. *Advisory revalidated *Catalog Description Update	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, and catalog description updated to better reflect course content.
RADT 153 C Radiography Patient Care	*Outline Update	30	•Class time focuses on individualized instruction, student presentation time, and/or	2024 Summer	Outline, adding distance education, SLOs, and textbook

Units: 3 Lecture: 3 Laboratory: 0	*Add Distance Education: Partially and Fully. *Student Learning Outcomes Update *Textbook Update		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.		updated to better reflect course content.
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NEW DEGREES/CERTIFICATES																																
DEGREE		EFF DATE	JUSTIFICATION																													
Air Conditioning/Refrigeration	<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"> <thead> <tr> <th></th> <th>Units</th> </tr> </thead> <tbody> <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> </tbody> </table>		Units	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	2024 Fall	Plumbing is a compliment to a full-service mechanical contractor in the realm of Air Conditioning & Refrigeration.
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Psychiatric Technology	<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"> <thead> <tr> <th></th> <th>Units</th> </tr> </thead> <tbody> <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> </tbody> </table>		Units	PSY101 C	Introduction to Psychology	3	BIOL160 C	Integrated Medical Science	3	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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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

MODIFY DEGREES/CERTIFICATES

DEGREE		EFF DATE	JUSTIFICATION																											
Automotive Technology	<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" data-bbox="402 1018 1101 1396"> <thead> <tr> <th></th> <th></th> <th>Units</th> </tr> </thead> <tbody> <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> <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>T-TEN ICE/HV/EV Performance and Driveability</td> <td>12</td> </tr> <tr> <td colspan="2">Total Units</td> <td>62</td> </tr> </tbody> </table>			Units	AT109 C	Introduction to Toyota Automotive Technology	4	AT260 C	T-TEN Toyota Electrical Systems	12	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	T-TEN ICE/HV/EV Performance and Driveability	12	Total Units		62	2024 Fall	<p>*Catalog Description Update *CIP Code Update *Add PSLOs Total units remain the same.</p> <p>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 and has met the graduation requirements for T-TEN.</p>
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Total Units		62																												
Automotive Technology	<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" data-bbox="402 1759 1101 1900"> <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> </tbody> </table>			Units	AT105 C	Automotive Electrical I	6	AT106 C	Automotive Electrical II	6	AT050 C	Auto Tech Special Projects	.5-3	2024 Fall	<p>*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.</p>															
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Automotive Technology	<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	<p>*Catalog Description Update *Add PSLOs *Course units update: AT 105 C</p> <p>Total units from 38 to 40.</p>			
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Automotive Technology	<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 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"> <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	2024 Fall	<p>*Catalog Description Update *Add PSLOs *Add courses: AT 105 C, AT 106 C *Removed course: AT 200 C</p> <p>Total units from 48 to 60.</p>
		Units																									
AT105 C	Automotive Electrical I	6																									
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Automotive Technology	<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="407 583 1101 814"> <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="407 842 1101 1390"> <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> <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> </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	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	2024 Fall	<p>*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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Automotive Technology	<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>	2024 Fall	<p>*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																						
Automotive Technology	<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"> <tr> <td></td> <td></td> <td>Units</td> </tr> <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> </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	<p>*Updated program title from Automotive Technology Certificate-Electrical Systems Specialist Certificate</p> <p>*Add CIP Code</p> <p>*Catalog Description Update</p> <p>*Add PSLOs</p> <p>*Course unit update: AT 105 C</p> <p>Total units from 11 to 13.</p>
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AT105 C	Automotive Electrical I	6																						
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AT164 C	Diagnostics & OBD II	2																						
Total Units		13																						
Automotive Technology	<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. 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"> <tr> <td></td> <td></td> <td>Units</td> </tr> <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> </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	2024 Fall	<p>*Add CIP Code</p> <p>*Catalog Description Update</p> <p>*Add PSLOs</p> <p>*Course unit update: AT 105 C</p> <p>Total units from 17 to 16.5-19</p>
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Total Units		16.5 - 19																						
Automotive Technology	<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</p>	2024 Fall	<p>*Add CIP Code</p> <p>*Catalog Description Update</p> <p>*Add PSLOs</p>																					

	<p>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="407 520 1101 684"> <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>*Course unit update: AT 105 C Total units from 16 to 18.</p>
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<p>Automotive Technology</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="407 1167 1101 1335"> <thead> <tr> <th></th> <th></th> <th>Units</th> </tr> </thead> <tbody> <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> </tbody> </table>			Units	AT150 C	Auto Performance and Driveability	12	AT105 C	Automotive Electrical I	6	Total Units		18	<p>2024 Fall *Catalog Description Update *Add PSLOs *Course title update: AT 105 C Total units from 16 to 18.</p>
		Units												
AT150 C	Auto Performance and Driveability	12												
AT105 C	Automotive Electrical I	6												
Total Units		18												
<p>Automotive Technology</p>	<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" data-bbox="407 1787 1101 1892"> <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> </tbody> </table>			Units	AT140 C	Auto Drivetrains/Transmissions	12	AT105 C	Automotive Electrical I	6	<p>2024 Fall *Catalog Description Update *Add PSLOs *Course unit update: AT 105 C Total units from 16 to 18.</p>			
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Career Education	<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 career education programs and 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> <tr> <td>ATC270 C</td> <td>Airline Operations</td> <td>3</td> </tr> <tr> <td>ATC274 C</td> <td>Passenger Services and Safety</td> <td>3</td> </tr> </tbody> </table> <p>Hotel, Restaurant, Culinary Arts (9-11 units):</p> <table border="1"> <thead> <tr> <th></th> <th></th> <th>Units</th> </tr> </thead> <tbody> <tr> <td>HRC101 C</td> <td>Introduction to Hospitality Management</td> <td>3</td> </tr> <tr> <td>HRC120 C</td> <td>Sanitation and Safety</td> <td>2</td> </tr> <tr> <td>HRC135 C</td> <td>Culinary Fundamentals I</td> <td>3</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	ATC270 C	Airline Operations	3	ATC274 C	Passenger Services and Safety	3			Units	HRC101 C	Introduction to Hospitality Management	3	HRC120 C	Sanitation and Safety	2	HRC135 C	Culinary Fundamentals I	3	2024 Fall	*Catalog Description Update *Course unit update: AT 105 C, AT 106 C Total units from 18-21 to 21-25
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Career Education	<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> <tr> <td>ATC270 C</td> <td>Airline Operations</td> <td>3</td> </tr> <tr> <td>ATC274 C</td> <td>Passenger Services and Safety</td> <td>3</td> </tr> </tbody> </table> <p>Hotel, Restaurant, Culinary Arts (9-11 units):</p> <table border="1"> <thead> <tr> <th></th> <th></th> <th>Units</th> </tr> </thead> <tbody> <tr> <td>HRC101 C</td> <td>Introduction to Hospitality Management</td> <td>3</td> </tr> <tr> <td>HRC120 C</td> <td>Sanitation and Safety</td> <td>2</td> </tr> <tr> <td>HRC135 C</td> <td>Culinary Fundamentals I</td> <td>3</td> </tr> <tr> <td>HRC235 C</td> <td>Culinary Fundamentals II</td> <td>3</td> </tr> <tr> <td colspan="2">Total Units</td> <td>21 - 25</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	ATC270 C	Airline Operations	3	ATC274 C	Passenger Services and Safety	3			Units	HRC101 C	Introduction to Hospitality Management	3	HRC120 C	Sanitation and Safety	2	HRC135 C	Culinary Fundamentals I	3	HRC235 C	Culinary Fundamentals II	3	Total Units		21 - 25	2024 Fall	*Catalog Description Update *Course unit update: AT 105 C, AT 106 C Total units from 18-21 to 21-25
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Psychiatric Technology	<p>Psychiatric Technology Certificate</p> <p>This program aims to prepare a student to meet the requirements for licensure as a Psychiatric Technician in the state of California. A Psychiatric Technician is a licensed member of the professional healthcare team who works with people diagnosed with intellectual and/or developmental disabilities. Psychiatric Technicians are employed by private and state psychiatric hospitals and group homes. Psychiatric Technicians increasingly find a variety of jobs in the fields of corrections and human services. These include day care centers, substance abuse</p>	2024 Fall	*Add CIP code *Catalog Description Update *Add PSLOs Total units from 51 to 55.5 Mandatory State Regulatory board curriculum																																																												

programs, forensic facilities, special education and many other areas promoting intellectual, developmental and mental health. The program is accredited by and conforms to the regulations of the California Board of Vocational Nursing and Psychiatric Technicians (BVNPT). Upon successful completion of the program, graduates are eligible to take the State Board Licensure Examination. To earn a certificate, the student must complete the required courses with a grade of C or better. At least 50% of all course work must be completed at Cypress College. Upon completion of the 55.5 units of required course work, the student becomes eligible to apply to the BVNPT for licensure examination.

Prerequisite Courses (13 units):

		Units
BIOL160 C	Integrated Medical Science	3
PSY101 C	Introduction to Psychology	3
PSY139 C	Developmental Psychology	3
ENGL100 C	College Writing	4

SEMESTER 1 (14 units)

		Units
PT110 C	Nursing Science I	7
PT115 C	Nursing Science II	7

SEMESTER 2 (14 units)

		Units
PT120 C	Developmental Disabilities I	7
PT125 C	Developmental Disabilities II	7

SEMESTER 3 (14.5 units)

		Units
PT130 C	Mental Disabilities I	7
PT135 C	Mental Disabilities II	7
PT090 C	Leadership Supervision and Ethics	0.5
Total Units		55.5

program review to update, include and or revise content to meet BVNPT educational requirements for licensing hours.