



**CYPRESS COLLEGE
CURRICULUM COMMITTEE**

Tuesday, October 27, 2020

<https://cccconfer.zoom.us/j/97745846674>

Passcode: ccmatters

3:00 p.m.

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:

Silvie Grote, Chair

1. **Establish Quorum and Acknowledge Alternates**
2. **Adoption of the Agenda**
3. **Approval of October 20, 2020 minutes:** (attached)
4. **Public Commentary** (3 minutes per speaker)
5. **Curriculum Specialist Report:** Marbelly Jairam
6. **Articulation Officer Report:** Jacky Rangel
7. **Assist.org overview**
8. **Emergency Distance Education (E-DE) process for Spring 2021**
9. **Credit for Prior Learning Report:** Juan Garcia
10. **Division Reports:** All division reps
11. **Chair Report**
12. **Curriculum – working hour**
13. **Approval of curriculum**

Info item:

NURS 091 C-revised SAM Code from Occupational to Non-Occupational, effective Fall 2021-previously board approved 10/13/2020

NURS 196C, NURS 292C and NURS 293C – adding DE effective Spring 2021(HY)

The following courses will revert back from FAME to MAD-previously locally approved 4/28/20 (see below). These courses are effective Fall 2021.

Previously Approved on 4/28/2020	Vote on prefix only- change from FAME to MAD
FAME 124 C (new)	MAD 124 C (new)
FAME 125 C (new)	MAD 125 C (new)
FAME 177 C (new)	MAD 177 C (new)
FAME 178 C (new)	MAD 178 C (new)

REVISED COURSES					
COURSE ID	ACTION TAKEN	CLASS SIZE	CLASS SIZE JUSTIFICATION	EFF DATE	JUSTIFICATION
ATC 101 C Introduction to Travel Careers Units: 3 Lecture: 3 Laboratory: 0	*Outline Update *Advisory removed *Catalog/Schedule Description Update	35	Students are required to prepare and present an extensive research project, including an essay and Power Point. Students work together in small groups preparing a career project over the course of the semester. Consistent with the seat size guideline for 35: "While the	2021 Fall	Outline, advisory removed and catalog/schedule description updated to better reflect course content.

			instructor does lecture, much of the class time focuses on discussion, group learning, and/or formal/informal student presentations.”		
ATC 160 C UAS Drone Basic Units: 3 Lecture: 3 Laboratory: 0	*Outline Update *Title change from UAV/UAS Basic *Textbook Update	35	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.	2021 Fall	Outline, title change and textbook updated to better reflect course content. Program review update and aligning Program Title to industry standards from UAV/UAS Basic to UAS Drone Basic.
ATC 174 C Destinations: Americas/Europe Units: 3 Lecture: 3 Laboratory: 0	*Outline Update *Catalog/Schedule Description Update	40	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.	2021 Fall	Outline and catalog/schedule description updated to better reflect course content.
ATC 183 C Customer Care: Airline/Travel Units: 3 Lecture: 3 Laboratory: 0	*Outline Update *Schedule Description Update	40	This course requires writing, group work, and student presentations. Students are required to prepare and present an extensive research project, including an essay and Power Point. Students work together in small groups preparing a career project over the course of the semester. “While the instructor does lecture, much of the class time focuses on discussion, group learning, and/or formal/informal student presentations.”	2021 Fall	Outline and schedule description updated to better reflect course content.
ATC 199 C Flight Simulator Instructor Units: 2 Lecture: 1.5 Laboratory: 1.5	*Outline Update *Units change from 1 to 2 *Add Distance Education: Fully *Student contact hours from 36 to 54 *Outside of class hours from 18 to 54 *Total student learning hours from 54 to 108 *Lecture hours from 0.50 to 1.50 *Catalog Description Update *Textbook Update	25	This is a flight lab conducted in the flight simulators 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."	2021 Fall	Outline, units, add fully distance education, student contact hours, outside of class hours, total student learning hours, lecture hours, catalog description and textbook updated to better reflect course content. Correcting lab contact hours and associated Units and WSCH information.
ATC 240 C Commercial Pilot Units: 3 Lecture: 3 Laboratory: 0	*Outline Update *Title change from Commercial Pilot Seminar *Advisory revalidated *Textbook Update	30	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	2021 Fall	Outline, title, advisory revalidated and textbook updated to better reflect course content. Removing "Seminar" from the title of the course due to

			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 are ALSO required to prepare and present an extensive research project, including an essay and Power Point. Students work together in small groups preparing an airline simulation project over the course of the semester. "Individualized Instruction/Group Learning/ Student Presentations."		constant student confusion of the course content.
ATC 260 C UAS Drone Advanced Units: 3 Lecture: 3 Laboratory: 0	*Outline Update *Title change from UAV/UAS Advanced *Advisory revalidated	35	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.	2021 Fall	Outline, title and advisory revalidated to better reflect course content. Aligning Program Title to industry standards.
ATC 271 C Airport Operations Units: 3 Lecture: 3 Laboratory: 0	*Outline Update *Schedule Description Update	35	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.	2021 Fall	Outline and schedule description updated to better reflect course content.
ATC 278 C Public Relations Units: 3 Lecture: 3 Laboratory: 0	*Outline Update *Schedule Description Update	35	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.	2021 Fall	Outline and schedule description updated to better reflect course content.

ATC 295 C Aviation/Travel Internship Units: 3 Lecture: 1 Laboratory: 6	*Outline Update *Student contact hours from 288 to 126 *Total student learning hours from 324 to 162 *Lab hours from 15 to 6 *Catalog/Schedule Description Update	25	Classes in which the instructor coordinates internship/field practice opportunities and supervises students individually at different locations.	2021 Fall	Outline, student contact hours, total student learning hours, lab hours and catalog/schedule description updated to better reflect course content.
ATC 299 C Independent Study Units: .5-2 Lecture: .5-2 Laboratory: 0	*Outline Update *Removal of Repeatability *Catalog/Schedule Description Update	25	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.	2021 Fall	Outline, removal of repeatable and catalog/schedule description updated to better reflect course content.
PSY 120 C Human Sexuality Units: 3 Lecture: 3 Laboratory: 0	*Outline Update *Advisory revalidated *SAM code change from D to E *Textbook Update	45	The primary mode of instruction is lecture and may include discussion and/or group learning.	2021 Fall	Outline, advisory revalidated, SAM code revision and textbook updated to better reflect course content.
PSY 161 C Probability and Statistics-Social Sciences Units: 4 Lecture: 4 Laboratory: 0	*Outline Update *Prerequisite revalidated *Student Learning Outcome Update *Textbook Update	35	This course involves lecture, but much of the class time focuses on group learning, problem solving and data analysis. Evaluation is through objective exams. Analysis and writing assignments are assessed mostly for use & interpretation of concepts, accuracy and problem solving structure.	2021 Fall	Outline, prerequisite revalidated, SLOs and textbook updated to better reflect course content.
PSY 202 C Research Methods in Psychology Units: 4 Lecture: 3 Laboratory: 3	*Outline Update *Class size change from 35 *Add Distance Education: Fully *Prerequisite revalidated *Student Learning Outcome Update *Textbook Update	25	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. This course requires completion of a research project that necessitates frequent instructor student interaction to process specifics of each student project. Individual instruction elaborates customized research questions, hypotheses, procedural methods and research design, data analyses specific to the student research questions and hypotheses.	2021 Fall	Outline, class size, add fully distance education, prerequisite revalidated, SLOs and textbook updated to better reflect course content.
PSY 221 C The Brain and Behavior Units: 3 Lecture: 3 Laboratory: 0	*Outline Update *Prerequisite revalidated *Textbook Update	45	The primary mode of instruction is lecture and may include discussion and/or group learning.	2021 Fall	Outline, prerequisite revalidated and textbook updated to better reflect course content.
SPAN 101 C Elementary Spanish I Units: 5 Lecture: 5 Laboratory: 0	*Outline Update *Catalog/Schedule Description Update *Student Learning Outcome Update *Textbook Update	35	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	2021 Fall	Outline, catalog/schedule description, SLOs and textbook updated to better reflect course content.

			assignments are assessed mostly for concepts and structure.		
SPAN 102 C Elementary Spanish II Units: 5 Lecture: 5 Laboratory: 0	*Outline Update *Prerequisite revalidated *Catalog Description Update *Textbook Update	35	While the instructor does lecture, much of the class time focuses on discussion, group learning, and/or formal/informal student presentations.	2021 Fall	Outline, prerequisite revalidated, catalog description and textbook updated to better reflect course content.
SPAN 201 C Spanish for Spanish Speakers I Units: 5 Lecture: 5 Laboratory: 0	*Outline Update *Prerequisite revalidated *Catalog Description Update *Textbook Update	35	While the instructor does lecture, much of the class time focuses on discussion, group learning, and/or formal/informal student presentations.	2021 Fall	Outline, prerequisite revalidated, catalog description and textbook updated to better reflect course content.
SPAN 202 C Spanish for Spanish Speakers II Units: 5 Lecture: 5 Laboratory: 0	*Outline Update *Prerequisite revalidated *Catalog Description Update *Textbook Update	35	While the instructor does lecture, much of the class time focuses on discussion, group learning, and/or formal/informal student presentations.	2021 Fall	Outline, prerequisite revalidated, catalog description and textbook updated to better reflect course content.

MODIFY DEGREES/CERTIFICATES

DEGREE		EFF DATE	JUSTIFICATION																																																																
Aviation and Travel Careers	<p>ADVANCED AIRLINE CUSTOMER SERVICES CERTIFICATE The Advanced Airline Customer Services Certificate provides students with a career path for attaining the communication skills, practical knowledge, and technical training necessary for pursuing a career as a reservations agent, gate agent, ticket agent, or customer services manager. Students completing this certificate will develop an advanced understanding of the airline industry and the safety, security, and service requirements necessary to work in customer services for a major airline. 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 certificated requires a total of 35 units.</p> <p>Required courses: (27 units)</p> <table border="1"> <thead> <tr> <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>ATC102 C</td><td>Career Communication/Portfolio</td><td>3</td></tr> <tr><td>ATC174 C</td><td>Destinations: Americas/Europe</td><td>3</td></tr> <tr><td>ATC175 C</td><td>Destinations: Africa/Pacific</td><td>3</td></tr> <tr><td>ATC182 C</td><td>Cultural Tourism</td><td>3</td></tr> <tr><td colspan="2">or</td><td></td></tr> <tr><td>ATC256 C</td><td>Crew Resource Management</td><td>3</td></tr> <tr><td>ATC183 C</td><td>Customer Care: Airline/Travel</td><td>3</td></tr> <tr><td colspan="2">or</td><td></td></tr> <tr><td>ATC274 C</td><td>Passenger Services and Safety</td><td>3</td></tr> <tr><td>ATC192 C</td><td>Airline Reservations: SABRE</td><td>3</td></tr> <tr><td>ATC270 C</td><td>Airline Operations</td><td>3</td></tr> <tr><td>ATC271 C</td><td>Airport Operations</td><td>3</td></tr> </tbody> </table> <p>Electives: To complete all major course requirements, students must complete 8 elective units from the list below (if not already taken as a required course) (8 units)</p> <table border="1"> <thead> <tr> <th></th> <th>Units</th> </tr> </thead> <tbody> <tr><td>ATC112 C</td><td>Homeland Security</td><td>3</td></tr> <tr><td>ATC116 C</td><td>Aviation/Transportation Security</td><td>3</td></tr> <tr><td>ATC118 C</td><td>Disaster Preparedness and Response</td><td>3</td></tr> <tr><td>ATC132 C</td><td>Private Pilot</td><td>4</td></tr> <tr><td>ATC182 C</td><td>Cultural Tourism</td><td>3</td></tr> <tr><td>ATC183 C</td><td>Customer Care: Airline/Travel</td><td>3</td></tr> <tr><td>ATC196 C</td><td>Flight Simulator Private Pilot</td><td>2</td></tr> </tbody> </table>		Units	ATC101 C	Introduction to Travel Careers	3	ATC102 C	Career Communication/Portfolio	3	ATC174 C	Destinations: Americas/Europe	3	ATC175 C	Destinations: Africa/Pacific	3	ATC182 C	Cultural Tourism	3	or			ATC256 C	Crew Resource Management	3	ATC183 C	Customer Care: Airline/Travel	3	or			ATC274 C	Passenger Services and Safety	3	ATC192 C	Airline Reservations: SABRE	3	ATC270 C	Airline Operations	3	ATC271 C	Airport Operations	3		Units	ATC112 C	Homeland Security	3	ATC116 C	Aviation/Transportation Security	3	ATC118 C	Disaster Preparedness and Response	3	ATC132 C	Private Pilot	4	ATC182 C	Cultural Tourism	3	ATC183 C	Customer Care: Airline/Travel	3	ATC196 C	Flight Simulator Private Pilot	2	2021 Fall	Unit change on ATC 196 C from 1 to 2. CIP and SAM codes added. Total units remain the same.
	Units																																																																		
ATC101 C	Introduction to Travel Careers	3																																																																	
ATC102 C	Career Communication/Portfolio	3																																																																	
ATC174 C	Destinations: Americas/Europe	3																																																																	
ATC175 C	Destinations: Africa/Pacific	3																																																																	
ATC182 C	Cultural Tourism	3																																																																	
or																																																																			
ATC256 C	Crew Resource Management	3																																																																	
ATC183 C	Customer Care: Airline/Travel	3																																																																	
or																																																																			
ATC274 C	Passenger Services and Safety	3																																																																	
ATC192 C	Airline Reservations: SABRE	3																																																																	
ATC270 C	Airline Operations	3																																																																	
ATC271 C	Airport Operations	3																																																																	
	Units																																																																		
ATC112 C	Homeland Security	3																																																																	
ATC116 C	Aviation/Transportation Security	3																																																																	
ATC118 C	Disaster Preparedness and Response	3																																																																	
ATC132 C	Private Pilot	4																																																																	
ATC182 C	Cultural Tourism	3																																																																	
ATC183 C	Customer Care: Airline/Travel	3																																																																	
ATC196 C	Flight Simulator Private Pilot	2																																																																	

	<table border="1"> <tr><td>ATC256 C</td><td>Crew Resource Management</td><td>3</td></tr> <tr><td>ATC274 C</td><td>Passenger Services and Safety</td><td>3</td></tr> <tr><td>ATC278 C</td><td>Public Relations</td><td>3</td></tr> <tr><td>ATC295 C</td><td>Aviation/Travel Internship</td><td>3</td></tr> <tr><td>ATC298 C</td><td>Aviation/Travel Seminar</td><td>0.5 - 12</td></tr> <tr><td>ATC299 C</td><td>Independent Study</td><td>0.5 - 2</td></tr> <tr><td colspan="2">Total Units</td><td>35</td></tr> </table>	ATC256 C	Crew Resource Management	3	ATC274 C	Passenger Services and Safety	3	ATC278 C	Public Relations	3	ATC295 C	Aviation/Travel Internship	3	ATC298 C	Aviation/Travel Seminar	0.5 - 12	ATC299 C	Independent Study	0.5 - 2	Total Units		35																																																								
ATC256 C	Crew Resource Management	3																																																																												
ATC274 C	Passenger Services and Safety	3																																																																												
ATC278 C	Public Relations	3																																																																												
ATC295 C	Aviation/Travel Internship	3																																																																												
ATC298 C	Aviation/Travel Seminar	0.5 - 12																																																																												
ATC299 C	Independent Study	0.5 - 2																																																																												
Total Units		35																																																																												
Aviation and Travel Careers	<p>ADVANCED FLIGHT ATTENDANT CERTIFICATE</p> <p>The Advanced Flight Attendant Certificate provides students with a career path for attaining the communication skills, practical knowledge, and technical training necessary for pursuing a career as a flight attendant. Students completing this certificate will develop an advanced understanding of the airline industry and the customer safety, security, and service requirements necessary to work as a flight attendant for a major airline. 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 35 units.</p> <p>Required courses are listed in suggested sequence: (27 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>ATC102 C</td><td>Career Communication/Portfolio</td><td>3</td></tr> <tr><td>ATC174 C</td><td>Destinations: Americas/Europe</td><td>3</td></tr> <tr><td>ATC175 C</td><td>Destinations: Africa/Pacific</td><td>3</td></tr> <tr><td>ATC182 C</td><td>Cultural Tourism</td><td>3</td></tr> <tr><td>ATC183 C</td><td>Customer Care: Airline/Travel</td><td>3</td></tr> <tr><td>ATC256 C</td><td>Crew Resource Management</td><td>3</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> <tr><td colspan="2">Total Units</td><td>35</td></tr> </tbody> </table> <p>Electives: To complete all major course requirements, students must complete 8 elective units from the list below (if not already taken as a required course) (8 units)</p> <table border="1"> <thead> <tr><th></th><th></th><th>Units</th></tr> </thead> <tbody> <tr><td>ATC100 C</td><td>Introduction to Aviation</td><td>3</td></tr> <tr><td>ATC112 C</td><td>Homeland Security</td><td>3</td></tr> <tr><td>ATC116 C</td><td>Aviation/Transportation Security</td><td>3</td></tr> <tr><td>ATC118 C</td><td>Disaster Preparedness and Response</td><td>3</td></tr> <tr><td>ATC132 C</td><td>Private Pilot</td><td>4</td></tr> <tr><td>ATC196 C</td><td>Flight Simulator Private Pilot</td><td>2</td></tr> <tr><td>ATC278 C</td><td>Public Relations</td><td>3</td></tr> <tr><td>ATC295 C</td><td>Aviation/Travel Internship</td><td>3</td></tr> <tr><td>ATC298 C</td><td>Aviation/Travel Seminar</td><td>0.5 - 12</td></tr> <tr><td>ATC299 C</td><td>Independent Study</td><td>0.5 - 2</td></tr> <tr><td>KIN121 C</td><td>Self Defense</td><td>0.5 - 1</td></tr> <tr><td>KIN235 C</td><td>First Aid, CPR and Emergencies</td><td>3</td></tr> <tr><td colspan="2">Total Units</td><td>35</td></tr> </tbody> </table>			Units	ATC101 C	Introduction to Travel Careers	3	ATC102 C	Career Communication/Portfolio	3	ATC174 C	Destinations: Americas/Europe	3	ATC175 C	Destinations: Africa/Pacific	3	ATC182 C	Cultural Tourism	3	ATC183 C	Customer Care: Airline/Travel	3	ATC256 C	Crew Resource Management	3	ATC270 C	Airline Operations	3	ATC274 C	Passenger Services and Safety	3	Total Units		35			Units	ATC100 C	Introduction to Aviation	3	ATC112 C	Homeland Security	3	ATC116 C	Aviation/Transportation Security	3	ATC118 C	Disaster Preparedness and Response	3	ATC132 C	Private Pilot	4	ATC196 C	Flight Simulator Private Pilot	2	ATC278 C	Public Relations	3	ATC295 C	Aviation/Travel Internship	3	ATC298 C	Aviation/Travel Seminar	0.5 - 12	ATC299 C	Independent Study	0.5 - 2	KIN121 C	Self Defense	0.5 - 1	KIN235 C	First Aid, CPR and Emergencies	3	Total Units		35	2021 Fall	Units change o ATC 196 C from 1 to 2. CIP and SAM codes added. Total units remain the same.
		Units																																																																												
ATC101 C	Introduction to Travel Careers	3																																																																												
ATC102 C	Career Communication/Portfolio	3																																																																												
ATC174 C	Destinations: Americas/Europe	3																																																																												
ATC175 C	Destinations: Africa/Pacific	3																																																																												
ATC182 C	Cultural Tourism	3																																																																												
ATC183 C	Customer Care: Airline/Travel	3																																																																												
ATC256 C	Crew Resource Management	3																																																																												
ATC270 C	Airline Operations	3																																																																												
ATC274 C	Passenger Services and Safety	3																																																																												
Total Units		35																																																																												
		Units																																																																												
ATC100 C	Introduction to Aviation	3																																																																												
ATC112 C	Homeland Security	3																																																																												
ATC116 C	Aviation/Transportation Security	3																																																																												
ATC118 C	Disaster Preparedness and Response	3																																																																												
ATC132 C	Private Pilot	4																																																																												
ATC196 C	Flight Simulator Private Pilot	2																																																																												
ATC278 C	Public Relations	3																																																																												
ATC295 C	Aviation/Travel Internship	3																																																																												
ATC298 C	Aviation/Travel Seminar	0.5 - 12																																																																												
ATC299 C	Independent Study	0.5 - 2																																																																												
KIN121 C	Self Defense	0.5 - 1																																																																												
KIN235 C	First Aid, CPR and Emergencies	3																																																																												
Total Units		35																																																																												
Aviation and Travel Careers	<p>AIRLINE CUSTOMER SERVICES ASSOCIATE IN SCIENCE DEGREE</p> <p>The Airline Customer Services Program provides students with a career path for attaining the communication skills, practical knowledge, and technical training necessary for pursuing a career as a reservations agent, gate agent, ticket agent, or customer services manager. Students completing this degree will develop an advanced understanding of the airline industry and the safety, security, and service requirements necessary to work in customer services for a major airline. To earn an Associate Degree students must complete: (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 minimum 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, or visit the Transfer Center. This degree requires a total of 35 units.</p> <p>Required courses: (27 units)</p> <table border="1"> <thead> <tr><th></th><th></th><th>Units</th></tr> </thead> <tbody> </tbody> </table>			Units	2021 Fall	Unit change on ATC 196 C and title revision, CIP and SAM codes added. Total units remain the same.																																																																								
		Units																																																																												

	<table border="1"> <tr><td>ATC101 C</td><td>Introduction to Travel Careers</td><td>3</td></tr> <tr><td>ATC102 C</td><td>Career Communication/Portfolio</td><td>3</td></tr> <tr><td>ATC174 C</td><td>Destinations: Americas/Europe</td><td>3</td></tr> <tr><td>ATC175 C</td><td>Destinations: Africa/Pacific</td><td>3</td></tr> <tr><td>ATC182 C</td><td>Cultural Tourism</td><td>3</td></tr> <tr><td></td><td>or</td><td></td></tr> <tr><td>ATC256 C</td><td>Crew Resource Management</td><td>3</td></tr> <tr><td>ATC183 C</td><td>Customer Care: Airline/Travel</td><td>3</td></tr> <tr><td></td><td>or</td><td></td></tr> <tr><td>ATC274 C</td><td>Passenger Services and Safety</td><td>3</td></tr> <tr><td>ATC192 C</td><td>Airline Reservations: SABRE</td><td>3</td></tr> <tr><td>ATC270 C</td><td>Airline Operations</td><td>3</td></tr> <tr><td>ATC271 C</td><td>Airport Operations</td><td>3</td></tr> <tr><td></td><td></td><td></td></tr> </table> <p>Electives: To complete all major course requirements, students must complete 8 elective units from the list below (if not already taken as a required course) (8 units)</p> <table border="1"> <thead> <tr><th></th><th></th><th>Units</th></tr> </thead> <tbody> <tr><td>ATC112 C</td><td>Homeland Security</td><td>3</td></tr> <tr><td>ATC116 C</td><td>Aviation/Transportation Security</td><td>3</td></tr> <tr><td>ATC118 C</td><td>Disaster Preparedness and Response</td><td>3</td></tr> <tr><td>ATC132 C</td><td>Private Pilot</td><td>4</td></tr> <tr><td>ATC182 C</td><td>Cultural Tourism</td><td>3</td></tr> <tr><td>ATC183 C</td><td>Customer Care: Airline/Travel</td><td>3</td></tr> <tr><td>ATC196 C</td><td>Flight Simulator Private Pilot</td><td>2</td></tr> <tr><td>ATC256 C</td><td>Crew Resource Management</td><td>3</td></tr> <tr><td>ATC274 C</td><td>Passenger Services and Safety</td><td>3</td></tr> <tr><td>ATC278 C</td><td>Public Relations</td><td>3</td></tr> <tr><td>ATC295 C</td><td>Aviation/Travel Internship</td><td>3</td></tr> <tr><td>ATC298 C</td><td>Aviation/Travel Seminar</td><td>0.5 - 12</td></tr> <tr><td>ATC299 C</td><td>Independent Study</td><td>0.5 - 2</td></tr> <tr><td></td><td></td><td></td></tr> <tr><td>Total Units</td><td></td><td>35</td></tr> </tbody> </table>	ATC101 C	Introduction to Travel Careers	3	ATC102 C	Career Communication/Portfolio	3	ATC174 C	Destinations: Americas/Europe	3	ATC175 C	Destinations: Africa/Pacific	3	ATC182 C	Cultural Tourism	3		or		ATC256 C	Crew Resource Management	3	ATC183 C	Customer Care: Airline/Travel	3		or		ATC274 C	Passenger Services and Safety	3	ATC192 C	Airline Reservations: SABRE	3	ATC270 C	Airline Operations	3	ATC271 C	Airport Operations	3						Units	ATC112 C	Homeland Security	3	ATC116 C	Aviation/Transportation Security	3	ATC118 C	Disaster Preparedness and Response	3	ATC132 C	Private Pilot	4	ATC182 C	Cultural Tourism	3	ATC183 C	Customer Care: Airline/Travel	3	ATC196 C	Flight Simulator Private Pilot	2	ATC256 C	Crew Resource Management	3	ATC274 C	Passenger Services and Safety	3	ATC278 C	Public Relations	3	ATC295 C	Aviation/Travel Internship	3	ATC298 C	Aviation/Travel Seminar	0.5 - 12	ATC299 C	Independent Study	0.5 - 2				Total Units		35		
ATC101 C	Introduction to Travel Careers	3																																																																																											
ATC102 C	Career Communication/Portfolio	3																																																																																											
ATC174 C	Destinations: Americas/Europe	3																																																																																											
ATC175 C	Destinations: Africa/Pacific	3																																																																																											
ATC182 C	Cultural Tourism	3																																																																																											
	or																																																																																												
ATC256 C	Crew Resource Management	3																																																																																											
ATC183 C	Customer Care: Airline/Travel	3																																																																																											
	or																																																																																												
ATC274 C	Passenger Services and Safety	3																																																																																											
ATC192 C	Airline Reservations: SABRE	3																																																																																											
ATC270 C	Airline Operations	3																																																																																											
ATC271 C	Airport Operations	3																																																																																											
		Units																																																																																											
ATC112 C	Homeland Security	3																																																																																											
ATC116 C	Aviation/Transportation Security	3																																																																																											
ATC118 C	Disaster Preparedness and Response	3																																																																																											
ATC132 C	Private Pilot	4																																																																																											
ATC182 C	Cultural Tourism	3																																																																																											
ATC183 C	Customer Care: Airline/Travel	3																																																																																											
ATC196 C	Flight Simulator Private Pilot	2																																																																																											
ATC256 C	Crew Resource Management	3																																																																																											
ATC274 C	Passenger Services and Safety	3																																																																																											
ATC278 C	Public Relations	3																																																																																											
ATC295 C	Aviation/Travel Internship	3																																																																																											
ATC298 C	Aviation/Travel Seminar	0.5 - 12																																																																																											
ATC299 C	Independent Study	0.5 - 2																																																																																											
Total Units		35																																																																																											
Aviation and Travel Careers	<p>AVIATION I - PRIVATE PILOT CERTIFICATE This certificate provides students with the basic background and knowledge to gain entry-level employment in the aviation industry in areas such as line service and fueling. To earn a certificate, complete the required courses with a grade of C or better. 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: (18 units)</p> <table border="1"> <thead> <tr><th></th><th></th><th>Units</th></tr> </thead> <tbody> <tr><td>ATC102 C</td><td>Career Communication/Portfolio</td><td>3</td></tr> <tr><td>ATC104 C</td><td>Air Transportation</td><td>3</td></tr> <tr><td></td><td>or</td><td></td></tr> <tr><td>ATC270 C</td><td>Airline Operations</td><td>3</td></tr> <tr><td>ATC132 C</td><td>Private Pilot</td><td>4</td></tr> <tr><td>ATC140 C</td><td>Meteorology</td><td>3</td></tr> <tr><td>ATC144 C</td><td>Aircraft and Engines</td><td>3</td></tr> <tr><td>ATC196 C</td><td>Flight Simulator Private Pilot</td><td>2</td></tr> <tr><td></td><td>or</td><td></td></tr> <tr><td>ATC190 C</td><td>Flight Training-Private Pilot</td><td>2</td></tr> <tr><td></td><td></td><td></td></tr> <tr><td>Total Units</td><td></td><td>18</td></tr> </tbody> </table>			Units	ATC102 C	Career Communication/Portfolio	3	ATC104 C	Air Transportation	3		or		ATC270 C	Airline Operations	3	ATC132 C	Private Pilot	4	ATC140 C	Meteorology	3	ATC144 C	Aircraft and Engines	3	ATC196 C	Flight Simulator Private Pilot	2		or		ATC190 C	Flight Training-Private Pilot	2				Total Units		18	2021 Fall	Unit change on ATC 196 C from 1 to 2. Total units from 17-18 to 18.																																																			
		Units																																																																																											
ATC102 C	Career Communication/Portfolio	3																																																																																											
ATC104 C	Air Transportation	3																																																																																											
	or																																																																																												
ATC270 C	Airline Operations	3																																																																																											
ATC132 C	Private Pilot	4																																																																																											
ATC140 C	Meteorology	3																																																																																											
ATC144 C	Aircraft and Engines	3																																																																																											
ATC196 C	Flight Simulator Private Pilot	2																																																																																											
	or																																																																																												
ATC190 C	Flight Training-Private Pilot	2																																																																																											
Total Units		18																																																																																											
Aviation and Travel Careers	<p>AVIATION II - INSTRUMENT PILOT CERTIFICATE This certificate provides students with the necessary background to gain employment in the aviation industry requiring knowledge of weather, navigation and instrument flight such as flight scheduling and general aviation</p>	2021 Fall	Revising units that are increasing from 1 unit to 2 units for simulator courses.																																																																																										

	<p>dispatching. To earn a certificate, complete the required courses with a grade of C or better. At least 50% of all course work must be completed at Cypress College. This certificate requires a total of 28 units.</p> <p>Required courses are listed in suggested sequence: (28 units)</p> <table border="1"> <thead> <tr> <th></th> <th></th> <th>Units</th> </tr> </thead> <tbody> <tr> <td>ATC102 C</td> <td>Career Communication/Portfolio</td> <td>3</td> </tr> <tr> <td>ATC104 C</td> <td>Air Transportation</td> <td>3</td> </tr> <tr> <td></td> <td>or</td> <td></td> </tr> <tr> <td>ATC270 C</td> <td>Airline Operations</td> <td>3</td> </tr> <tr> <td>ATC132 C</td> <td>Private Pilot</td> <td>4</td> </tr> <tr> <td>ATC136 C</td> <td>Air Navigation</td> <td>3</td> </tr> <tr> <td>ATC140 C</td> <td>Meteorology</td> <td>3</td> </tr> <tr> <td>ATC144 C</td> <td>Aircraft and Engines</td> <td>3</td> </tr> <tr> <td>ATC194 C</td> <td>Flight Training Instrument Rating</td> <td>2</td> </tr> <tr> <td>ATC232 C</td> <td>Instrument Rating</td> <td>3</td> </tr> <tr> <td>ATC196 C</td> <td>Flight Simulator Private Pilot</td> <td>2</td> </tr> <tr> <td></td> <td>or</td> <td></td> </tr> <tr> <td>ATC190 C</td> <td>Flight Training-Private Pilot</td> <td>2</td> </tr> <tr> <td>ATC197 C</td> <td>Flight Simulator Instrument</td> <td>2</td> </tr> <tr> <td></td> <td>or</td> <td></td> </tr> <tr> <td>ATC194 C</td> <td>Flight Training Instrument Rating</td> <td>2</td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td>Total Units</td> <td></td> <td>28</td> </tr> </tbody> </table>			Units	ATC102 C	Career Communication/Portfolio	3	ATC104 C	Air Transportation	3		or		ATC270 C	Airline Operations	3	ATC132 C	Private Pilot	4	ATC136 C	Air Navigation	3	ATC140 C	Meteorology	3	ATC144 C	Aircraft and Engines	3	ATC194 C	Flight Training Instrument Rating	2	ATC232 C	Instrument Rating	3	ATC196 C	Flight Simulator Private Pilot	2		or		ATC190 C	Flight Training-Private Pilot	2	ATC197 C	Flight Simulator Instrument	2		or		ATC194 C	Flight Training Instrument Rating	2				Total Units		28		<p>ATC 197 C units from 1 to 2. ATC 196 C units from 1 to 2.</p> <p>Total units from 24-26 to 28.</p>												
		Units																																																																						
ATC102 C	Career Communication/Portfolio	3																																																																						
ATC104 C	Air Transportation	3																																																																						
	or																																																																							
ATC270 C	Airline Operations	3																																																																						
ATC132 C	Private Pilot	4																																																																						
ATC136 C	Air Navigation	3																																																																						
ATC140 C	Meteorology	3																																																																						
ATC144 C	Aircraft and Engines	3																																																																						
ATC194 C	Flight Training Instrument Rating	2																																																																						
ATC232 C	Instrument Rating	3																																																																						
ATC196 C	Flight Simulator Private Pilot	2																																																																						
	or																																																																							
ATC190 C	Flight Training-Private Pilot	2																																																																						
ATC197 C	Flight Simulator Instrument	2																																																																						
	or																																																																							
ATC194 C	Flight Training Instrument Rating	2																																																																						
Total Units		28																																																																						
Aviation and Travel Careers	<p>AVIATION III - COMMERCIAL PILOT CERTIFICATE This certificate prepares students for entry into the commercial pilot profession. To earn a certificate, complete the required courses with a grade of C or better. At least 50% of all course work must be completed at Cypress College. This certificate requires a total of 34 units.</p> <p>Required courses are listed in suggested sequence: (34 units)</p> <table border="1"> <thead> <tr> <th></th> <th></th> <th>Units</th> </tr> </thead> <tbody> <tr> <td>ATC102 C</td> <td>Career Communication/Portfolio</td> <td>3</td> </tr> <tr> <td>ATC104 C</td> <td>Air Transportation</td> <td>3</td> </tr> <tr> <td></td> <td>or</td> <td></td> </tr> <tr> <td>ATC270 C</td> <td>Airline Operations</td> <td>3</td> </tr> <tr> <td>ATC132 C</td> <td>Private Pilot</td> <td>4</td> </tr> <tr> <td>ATC136 C</td> <td>Air Navigation</td> <td>3</td> </tr> <tr> <td>ATC140 C</td> <td>Meteorology</td> <td>3</td> </tr> <tr> <td>ATC144 C</td> <td>Aircraft and Engines</td> <td>3</td> </tr> <tr> <td>ATC232 C</td> <td>Instrument Rating</td> <td>3</td> </tr> <tr> <td>ATC240 C</td> <td>Commercial Pilot</td> <td>3</td> </tr> <tr> <td>ATC256 C</td> <td>Crew Resource Management</td> <td>3</td> </tr> <tr> <td>ATC196 C</td> <td>Flight Simulator Private Pilot</td> <td>2</td> </tr> <tr> <td></td> <td>or</td> <td></td> </tr> <tr> <td>ATC190 C</td> <td>Flight Training-Private Pilot</td> <td>2</td> </tr> <tr> <td>ATC197 C</td> <td>Flight Simulator Instrument</td> <td>2</td> </tr> <tr> <td></td> <td>or</td> <td></td> </tr> <tr> <td>ATC194 C</td> <td>Flight Training Instrument Rating</td> <td>2</td> </tr> <tr> <td>ATC198 C</td> <td>Flight Simulator Commercial</td> <td>2</td> </tr> <tr> <td></td> <td>or</td> <td></td> </tr> <tr> <td>ATC195 C</td> <td>Flight Training Commercial Pilot</td> <td>2</td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td>Total Units</td> <td></td> <td>34</td> </tr> </tbody> </table>			Units	ATC102 C	Career Communication/Portfolio	3	ATC104 C	Air Transportation	3		or		ATC270 C	Airline Operations	3	ATC132 C	Private Pilot	4	ATC136 C	Air Navigation	3	ATC140 C	Meteorology	3	ATC144 C	Aircraft and Engines	3	ATC232 C	Instrument Rating	3	ATC240 C	Commercial Pilot	3	ATC256 C	Crew Resource Management	3	ATC196 C	Flight Simulator Private Pilot	2		or		ATC190 C	Flight Training-Private Pilot	2	ATC197 C	Flight Simulator Instrument	2		or		ATC194 C	Flight Training Instrument Rating	2	ATC198 C	Flight Simulator Commercial	2		or		ATC195 C	Flight Training Commercial Pilot	2				Total Units		34	2021 Fall	<p>Revising units that are increasing from 1 unit to 2 units for simulator courses. ATC 197 C units from 1 to 2. ATC 196 C units from 1 to 2. ATC 198 C units from 1 to 2. Total units from 31-34 to 34. Title change on ATC 240 C.</p>
		Units																																																																						
ATC102 C	Career Communication/Portfolio	3																																																																						
ATC104 C	Air Transportation	3																																																																						
	or																																																																							
ATC270 C	Airline Operations	3																																																																						
ATC132 C	Private Pilot	4																																																																						
ATC136 C	Air Navigation	3																																																																						
ATC140 C	Meteorology	3																																																																						
ATC144 C	Aircraft and Engines	3																																																																						
ATC232 C	Instrument Rating	3																																																																						
ATC240 C	Commercial Pilot	3																																																																						
ATC256 C	Crew Resource Management	3																																																																						
ATC196 C	Flight Simulator Private Pilot	2																																																																						
	or																																																																							
ATC190 C	Flight Training-Private Pilot	2																																																																						
ATC197 C	Flight Simulator Instrument	2																																																																						
	or																																																																							
ATC194 C	Flight Training Instrument Rating	2																																																																						
ATC198 C	Flight Simulator Commercial	2																																																																						
	or																																																																							
ATC195 C	Flight Training Commercial Pilot	2																																																																						
Total Units		34																																																																						
Aviation and Travel Careers	<p>AVIATION IV--ADVANCED PILOT CERTIFICATE This curriculum is designed to prepare students to fly commercial, executive, and/or light aircraft as a pilot or instructor. To earn an Associate Degree students must complete: (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 minimum 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.</p>	2021 Fall	<p>Revising units that are increasing from 1 unit to 2 units for simulator courses. ATC 197 C units from 1 to 2.</p>																																																																					

	<p>For information on specific university requirements, please consult with your counselor, or visit the Transfer Center. This degree requires a total of 35 units.</p> <p>Required courses are listed in suggested sequence: (34 units)</p> <table border="1"> <thead> <tr> <th></th> <th></th> <th>Units</th> </tr> </thead> <tbody> <tr> <td>ATC102 C</td> <td>Career Communication/Portfolio</td> <td>3</td> </tr> <tr> <td>ATC256 C</td> <td>Crew Resource Management</td> <td>3</td> </tr> <tr> <td>ATC104 C</td> <td>Air Transportation</td> <td>3</td> </tr> <tr> <td></td> <td>or</td> <td></td> </tr> <tr> <td>ATC270 C</td> <td>Airline Operations</td> <td>3</td> </tr> <tr> <td>ATC132 C</td> <td>Private Pilot</td> <td>4</td> </tr> <tr> <td>ATC136 C</td> <td>Air Navigation</td> <td>3</td> </tr> <tr> <td>ATC140 C</td> <td>Meteorology</td> <td>3</td> </tr> <tr> <td>ATC144 C</td> <td>Aircraft and Engines</td> <td>3</td> </tr> <tr> <td>ATC232 C</td> <td>Instrument Rating</td> <td>3</td> </tr> <tr> <td>ATC240 C</td> <td>Commercial Pilot</td> <td>3</td> </tr> <tr> <td>ATC196 C</td> <td>Flight Simulator Private Pilot</td> <td>2</td> </tr> <tr> <td></td> <td>or</td> <td></td> </tr> <tr> <td>ATC190 C</td> <td>Flight Training-Private Pilot</td> <td>2</td> </tr> <tr> <td>ATC197 C</td> <td>Flight Simulator Instrument</td> <td>2</td> </tr> <tr> <td></td> <td>or</td> <td></td> </tr> <tr> <td>ATC194 C</td> <td>Flight Training Instrument Rating</td> <td>2</td> </tr> <tr> <td>ATC198 C</td> <td>Flight Simulator Commercial</td> <td>2</td> </tr> <tr> <td></td> <td>or</td> <td></td> </tr> <tr> <td>ATC195 C</td> <td>Flight Training Commercial Pilot</td> <td>2</td> </tr> </tbody> </table> <p>Electives: Students must complete 1 elective unit from the list below. (select any course(s) not already taken above) (1 unit)</p> <table border="1"> <thead> <tr> <th></th> <th></th> <th>Units</th> </tr> </thead> <tbody> <tr> <td>ATC189 C</td> <td>Flight Training Device - Introduction</td> <td>0.5</td> </tr> <tr> <td>ATC190 C</td> <td>Flight Training-Private Pilot</td> <td>2</td> </tr> <tr> <td>ATC193 C</td> <td>Flight Training-Flight Instructor</td> <td>1 - 5</td> </tr> <tr> <td>ATC194 C</td> <td>Flight Training Instrument Rating</td> <td>2</td> </tr> <tr> <td>ATC195 C</td> <td>Flight Training Commercial Pilot</td> <td>2</td> </tr> <tr> <td>ATC196 C</td> <td>Flight Simulator Private Pilot</td> <td>2</td> </tr> <tr> <td>ATC197 C</td> <td>Flight Simulator Instrument</td> <td>2</td> </tr> <tr> <td>ATC198 C</td> <td>Flight Simulator Commercial</td> <td>2</td> </tr> <tr> <td>ATC199 C</td> <td>Flight Simulator Instructor</td> <td>2</td> </tr> <tr> <td>ATC212 C</td> <td>Airline/Aviation Management</td> <td>3</td> </tr> <tr> <td>ATC244 C</td> <td>Aviation Instructor</td> <td>3</td> </tr> <tr> <td>ATC250 C</td> <td>Turbine Simulator Observation</td> <td>0.5</td> </tr> <tr> <td>ATC255 C</td> <td>Turbine Simulator Orientation</td> <td>0.5</td> </tr> <tr> <td>ATC295 C</td> <td>Aviation/Travel Internship</td> <td>3</td> </tr> <tr> <td>ATC296 C</td> <td>Flight Simulator Private Pilot Advanced</td> <td>2</td> </tr> <tr> <td>ATC297 C</td> <td>Flight Simulator Instrument Pilot Advanced</td> <td>2</td> </tr> <tr> <td>ATC298 C</td> <td>Aviation/Travel Seminar</td> <td>0.5 - 12</td> </tr> <tr> <td>ATC299 C</td> <td>Independent Study</td> <td>0.5 - 2</td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td>Total Units</td> <td></td> <td>35</td> </tr> </tbody> </table>			Units	ATC102 C	Career Communication/Portfolio	3	ATC256 C	Crew Resource Management	3	ATC104 C	Air Transportation	3		or		ATC270 C	Airline Operations	3	ATC132 C	Private Pilot	4	ATC136 C	Air Navigation	3	ATC140 C	Meteorology	3	ATC144 C	Aircraft and Engines	3	ATC232 C	Instrument Rating	3	ATC240 C	Commercial Pilot	3	ATC196 C	Flight Simulator Private Pilot	2		or		ATC190 C	Flight Training-Private Pilot	2	ATC197 C	Flight Simulator Instrument	2		or		ATC194 C	Flight Training Instrument Rating	2	ATC198 C	Flight Simulator Commercial	2		or		ATC195 C	Flight Training Commercial Pilot	2			Units	ATC189 C	Flight Training Device - Introduction	0.5	ATC190 C	Flight Training-Private Pilot	2	ATC193 C	Flight Training-Flight Instructor	1 - 5	ATC194 C	Flight Training Instrument Rating	2	ATC195 C	Flight Training Commercial Pilot	2	ATC196 C	Flight Simulator Private Pilot	2	ATC197 C	Flight Simulator Instrument	2	ATC198 C	Flight Simulator Commercial	2	ATC199 C	Flight Simulator Instructor	2	ATC212 C	Airline/Aviation Management	3	ATC244 C	Aviation Instructor	3	ATC250 C	Turbine Simulator Observation	0.5	ATC255 C	Turbine Simulator Orientation	0.5	ATC295 C	Aviation/Travel Internship	3	ATC296 C	Flight Simulator Private Pilot Advanced	2	ATC297 C	Flight Simulator Instrument Pilot Advanced	2	ATC298 C	Aviation/Travel Seminar	0.5 - 12	ATC299 C	Independent Study	0.5 - 2				Total Units		35	<p>ATC 196 C units from 1 to 2. ATC 198 C units from 1 to 2. ATC 199 C units from 1 to 2. Total units remain the same. Title change on ATC 240 C.</p>
		Units																																																																																																																														
ATC102 C	Career Communication/Portfolio	3																																																																																																																														
ATC256 C	Crew Resource Management	3																																																																																																																														
ATC104 C	Air Transportation	3																																																																																																																														
	or																																																																																																																															
ATC270 C	Airline Operations	3																																																																																																																														
ATC132 C	Private Pilot	4																																																																																																																														
ATC136 C	Air Navigation	3																																																																																																																														
ATC140 C	Meteorology	3																																																																																																																														
ATC144 C	Aircraft and Engines	3																																																																																																																														
ATC232 C	Instrument Rating	3																																																																																																																														
ATC240 C	Commercial Pilot	3																																																																																																																														
ATC196 C	Flight Simulator Private Pilot	2																																																																																																																														
	or																																																																																																																															
ATC190 C	Flight Training-Private Pilot	2																																																																																																																														
ATC197 C	Flight Simulator Instrument	2																																																																																																																														
	or																																																																																																																															
ATC194 C	Flight Training Instrument Rating	2																																																																																																																														
ATC198 C	Flight Simulator Commercial	2																																																																																																																														
	or																																																																																																																															
ATC195 C	Flight Training Commercial Pilot	2																																																																																																																														
		Units																																																																																																																														
ATC189 C	Flight Training Device - Introduction	0.5																																																																																																																														
ATC190 C	Flight Training-Private Pilot	2																																																																																																																														
ATC193 C	Flight Training-Flight Instructor	1 - 5																																																																																																																														
ATC194 C	Flight Training Instrument Rating	2																																																																																																																														
ATC195 C	Flight Training Commercial Pilot	2																																																																																																																														
ATC196 C	Flight Simulator Private Pilot	2																																																																																																																														
ATC197 C	Flight Simulator Instrument	2																																																																																																																														
ATC198 C	Flight Simulator Commercial	2																																																																																																																														
ATC199 C	Flight Simulator Instructor	2																																																																																																																														
ATC212 C	Airline/Aviation Management	3																																																																																																																														
ATC244 C	Aviation Instructor	3																																																																																																																														
ATC250 C	Turbine Simulator Observation	0.5																																																																																																																														
ATC255 C	Turbine Simulator Orientation	0.5																																																																																																																														
ATC295 C	Aviation/Travel Internship	3																																																																																																																														
ATC296 C	Flight Simulator Private Pilot Advanced	2																																																																																																																														
ATC297 C	Flight Simulator Instrument Pilot Advanced	2																																																																																																																														
ATC298 C	Aviation/Travel Seminar	0.5 - 12																																																																																																																														
ATC299 C	Independent Study	0.5 - 2																																																																																																																														
Total Units		35																																																																																																																														
<p>Aviation and Travel Careers</p>	<p>AVIATION MANAGEMENT ASSOCIATE IN SCIENCE DEGREE</p> <p>The Aviation Management Program provides students with a career path for attaining the foundational skills, practical knowledge, and technical training for pursuing a career in aviation management. Students completing this degree will develop advanced understanding of the safety, security, service, and regulatory requirements necessary to work in aviation management. 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 minimum 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</p>	<p>2021 Fall Unit change on ATC 196 C and title change on ATC 240 C. CIP and SAM codes added. Total units remain the same.</p>																																																																																																																														

required for completing the major at a transfer institution offering a Baccalaureate Degree. For information on specific university requirements, please consult with your counselor, or visit the Transfer Center. This degree requires a total of 35 units.

Required courses are listed in suggested sequence: (24 units)

		Units
ATC102 C	Career Communication/Portfolio	3
ATC104 C	Air Transportation	3
	or	
ATC270 C	Airline Operations	3
ATC112 C	Homeland Security	3
ATC116 C	Aviation/Transportation Security	3
	or	
ATC256 C	Crew Resource Management	3
ATC118 C	Disaster Preparedness and Response	3
	or	
ATC274 C	Passenger Services and Safety	3
ATC132 C	Private Pilot	4
	or	
ATC271 C	Airport Operations	3
ATC182 C	Cultural Tourism	3
	or	
ATC183 C	Customer Care: Airline/Travel	3
ATC212 C	Airline/Aviation Management	3

Electives: To complete all major course requirements, students must complete 11 elective units from the list below (if not already taken as a required course). (11 units)

		Units
ATC100 C	Introduction to Aviation	3
ATC116 C	Aviation/Transportation Security	3
ATC123 C	Travel Sales and Tour Operations	3
ATC126 C	Travel Management	3
ATC132 C	Private Pilot	4
ATC136 C	Air Navigation	3
ATC140 C	Meteorology	3
ATC180 C	Tourism and Conference Management	3
ATC192 C	Airline Reservations: SABRE	3
ATC196 C	Flight Simulator Private Pilot	2
ATC240 C	Commercial Pilot	3
ATC256 C	Crew Resource Management	3
ATC274 C	Passenger Services and Safety	3
ATC278 C	Public Relations	3
ATC295 C	Aviation/Travel Internship	3
ATC298 C	Aviation/Travel Seminar	0.5 - 12
ATC299 C	Independent Study	0.5 - 2
Total Units		35

Aviation and Travel Careers

Aviation Management Certificate

The Aviation Management Program provides students with a career path for attaining the foundational skills, practical knowledge, and technical training necessary for pursuing a career in aviation management. Students completing this certificate will develop an advanced understanding of the safety, security, service and regulatory requirements necessary to work in aviation management. To earn this certificate, complete the required courses with a grade of C or better. At least 50% of all course work must be completed at Cypress College. This certificate requires a total of 35 units.

Required courses are listed in suggested sequence: (24 units)

2021 Fall

Unit change on ATC 196 C. Title change on ATC 240 C. CIP and SAM codes added. Total units remain the same.

		Units			
	ATC102 C	Career Communication/Portfolio	3		
	ATC104 C	Air Transportation	3		
		or			
	ATC270 C	Airline Operations	3		
	ATC112 C	Homeland Security	3		
	ATC116 C	Aviation/Transportation Security	3		
		or			
	ATC256 C	Crew Resource Management	3		
	ATC118 C	Disaster Preparedness and Response	3		
		or			
	ATC274 C	Passenger Services and Safety	3		
	ATC132 C	Private Pilot	4		
		or			
	ATC271 C	Airport Operations	3		
	ATC182 C	Cultural Tourism	3		
		or			
	ATC183 C	Customer Care: Airline/Travel	3		
	ATC212 C	Airline/Aviation Management	3		
	Electives: To complete all major course requirements, students must complete 11 elective units from the list below (if not already taken as a required course): (11 units)				
			Units		
	ATC100 C	Introduction to Aviation	3		
	ATC116 C	Aviation/Transportation Security	3		
	ATC123 C	Travel Sales and Tour Operations	3		
	ATC126 C	Travel Management	3		
	ATC132 C	Private Pilot	4		
	ATC136 C	Air Navigation	3		
	ATC140 C	Meteorology	3		
	ATC180 C	Tourism and Conference Management	3		
	ATC192 C	Airline Reservations: SABRE	3		
	ATC196 C	Flight Simulator Private Pilot	2		
	ATC240 C	Commercial Pilot	3		
	ATC256 C	Crew Resource Management	3		
	ATC274 C	Passenger Services and Safety	3		
	ATC278 C	Public Relations	3		
	ATC295 C	Aviation/Travel Internship	3		
	ATC298 C	Aviation/Travel Seminar	0.5 - 12		
	ATC299 C	Independent Study	0.5 - 2		
	Total Units		35		
Aviation and Travel Careers	Career Technical Education - Aviation Associate in Science Degree The Career Technical Education Associate in Science Degree with Area of Emphasis in Aviation provides CTE students with the opportunity to earn a 60-unit degree that demonstrates commitment to the field and meets the CSU-GE or UC IGETC general education requirements. Students should consult with a counselor when planning to complete this degree for more information on university admission and transfer requirements. The courses listed for each area of emphasis do not necessarily reflect major preparation requirements at any specific university but some courses may be used to fulfill university requirements. To earn the CTE AS Degree with Aviation emphasis, students must complete the following requirements: (1) 21 units of major coursework; (2) Cypress College Native General Education requirements; California State University General Education Breadth requirements (CSU GE Breadth) or IGETC General Education requirements; (3) completion of 60 semester units of CSU transferable coursework; and (4) have an overall GPA of 2.0. At least 50% of all major course work must be completed at Cypress College. This degree requires a total of 21 units. Required Core Classes: (6 units)			2021 Fall	Unit change on ATC 196 C, ATC 197 C, ATC 198 C, ATC 199 C. Title change on ATC 240 C. Degree title change. CIP and SAM codes added Total units remain the same.
			Units		
	ATC102 C	Career Communication/Portfolio	3		

	ATC270 C	Airline Operations	3		
	Electives: Students must complete 15 units from the list below: (15 units)				
			Units		
	ATC101 C	Introduction to Travel Careers	3		
	ATC112 C	Homeland Security	3		
	ATC116 C	Aviation/Transportation Security	3		
	ATC123 C	Travel Sales and Tour Operations	3		
	ATC132 C	Private Pilot	4		
	ATC136 C	Air Navigation	3		
	ATC140 C	Meteorology	3		
	ATC174 C	Destinations: Americas/Europe	3		
	ATC175 C	Destinations: Africa/Pacific	3		
	ATC183 C	Customer Care: Airline/Travel	3		
	ATC189 C	Flight Training Device - Introduction	0.5		
	ATC196 C	Flight Simulator Private Pilot	2		
	ATC197 C	Flight Simulator Instrument	2		
	ATC198 C	Flight Simulator Commercial	2		
	ATC199 C	Flight Simulator Instructor	2		
	ATC210 C	Cabin Safety Simulation	0.5		
	ATC212 C	Airline/Aviation Management	3		
	ATC220 C	Advanced Air Navigation	2		
	ATC232 C	Instrument Rating	3		
	ATC236 C	Aerodynamics	3		
	ATC240 C	Commercial Pilot	3		
	ATC244 C	Aviation Instructor	3		
	ATC250 C	Turbine Simulator Observation	0.5		
	ATC256 C	Crew Resource Management	3		
	ATC271 C	Airport Operations	3		
	ATC274 C	Passenger Services and Safety	3		
	ATC295 C	Aviation/Travel Internship	3		
	ATC299 C	Independent Study	0.5 - 2		
	Total Units			21	
Aviation and Travel Careers	Commercial Pilot Associate in Science Degree This curriculum is designed to prepare students to fly commercial, executive, and/or light aircraft as a pilot or instructor. To earn an Associate Degree students must complete: (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 minimum 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, or visit the Transfer Center. This degree requires a total of 35 units. Required courses are listed in suggested sequence: (34 units)			2021 Fall	Units change, ATC 197 C units from 1 to 2. ATC 196 C units from 1 to 2. ATC 198 C units from 1 to 2. ATC 199 C units from 1 to 2. Total units remain the same. Title change on ATC 240 C.
			Units		
	ATC102 C	Career Communication/Portfolio	3		
	ATC104 C	Air Transportation	3		
	or				
	ATC270 C	Airline Operations	3		
	ATC132 C	Private Pilot	4		
	ATC136 C	Air Navigation	3		
	ATC140 C	Meteorology	3		
	ATC144 C	Aircraft and Engines	3		
	ATC232 C	Instrument Rating	3		
	ATC240 C	Commercial Pilot	3		
	ATC256 C	Crew Resource Management	3		
	ATC196 C	Flight Simulator Private Pilot	2		
	or				

	<table border="1"> <tbody> <tr> <td>ATC190 C</td> <td>Flight Training-Private Pilot</td> <td>2</td> </tr> <tr> <td>ATC197 C</td> <td>Flight Simulator Instrument</td> <td>2</td> </tr> <tr> <td></td> <td>or</td> <td></td> </tr> <tr> <td>ATC194 C</td> <td>Flight Training Instrument Rating</td> <td>2</td> </tr> <tr> <td>ATC198 C</td> <td>Flight Simulator Commercial</td> <td>2</td> </tr> <tr> <td></td> <td>or</td> <td></td> </tr> <tr> <td>ATC195 C</td> <td>Flight Training Commercial Pilot</td> <td>2</td> </tr> </tbody> </table> <p>Electives: To complete all major course requirements, students must complete 1 elective unit from the list below. Select course/s not already taken as a required course. (1 unit)</p> <table border="1"> <thead> <tr> <th></th> <th></th> <th>Units</th> </tr> </thead> <tbody> <tr> <td>ATC189 C</td> <td>Flight Training Device - Introduction</td> <td>0.5</td> </tr> <tr> <td>ATC190 C</td> <td>Flight Training-Private Pilot</td> <td>2</td> </tr> <tr> <td>ATC193 C</td> <td>Flight Training-Flight Instructor</td> <td>1 - 5</td> </tr> <tr> <td>ATC194 C</td> <td>Flight Training Instrument Rating</td> <td>2</td> </tr> <tr> <td>ATC195 C</td> <td>Flight Training Commercial Pilot</td> <td>2</td> </tr> <tr> <td>ATC196 C</td> <td>Flight Simulator Private Pilot</td> <td>2</td> </tr> <tr> <td>ATC197 C</td> <td>Flight Simulator Instrument</td> <td>2</td> </tr> <tr> <td>ATC198 C</td> <td>Flight Simulator Commercial</td> <td>2</td> </tr> <tr> <td>ATC199 C</td> <td>Flight Simulator Instructor</td> <td>2</td> </tr> <tr> <td>ATC212 C</td> <td>Airline/Aviation Management</td> <td>3</td> </tr> <tr> <td>ATC244 C</td> <td>Aviation Instructor</td> <td>3</td> </tr> <tr> <td>ATC250 C</td> <td>Turbine Simulator Observation</td> <td>0.5</td> </tr> <tr> <td>ATC255 C</td> <td>Turbine Simulator Orientation</td> <td>0.5</td> </tr> <tr> <td>ATC295 C</td> <td>Aviation/Travel Internship</td> <td>3</td> </tr> <tr> <td>ATC296 C</td> <td>Flight Simulator Private Pilot Advanced</td> <td>2</td> </tr> <tr> <td>ATC297 C</td> <td>Flight Simulator Instrument Pilot Advanced</td> <td>2</td> </tr> <tr> <td>ATC298 C</td> <td>Aviation/Travel Seminar</td> <td>0.5 - 12</td> </tr> <tr> <td>ATC299 C</td> <td>Independent Study</td> <td>0.5 - 2</td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td>Total Units</td> <td></td> <td>35</td> </tr> </tbody> </table>	ATC190 C	Flight Training-Private Pilot	2	ATC197 C	Flight Simulator Instrument	2		or		ATC194 C	Flight Training Instrument Rating	2	ATC198 C	Flight Simulator Commercial	2		or		ATC195 C	Flight Training Commercial Pilot	2			Units	ATC189 C	Flight Training Device - Introduction	0.5	ATC190 C	Flight Training-Private Pilot	2	ATC193 C	Flight Training-Flight Instructor	1 - 5	ATC194 C	Flight Training Instrument Rating	2	ATC195 C	Flight Training Commercial Pilot	2	ATC196 C	Flight Simulator Private Pilot	2	ATC197 C	Flight Simulator Instrument	2	ATC198 C	Flight Simulator Commercial	2	ATC199 C	Flight Simulator Instructor	2	ATC212 C	Airline/Aviation Management	3	ATC244 C	Aviation Instructor	3	ATC250 C	Turbine Simulator Observation	0.5	ATC255 C	Turbine Simulator Orientation	0.5	ATC295 C	Aviation/Travel Internship	3	ATC296 C	Flight Simulator Private Pilot Advanced	2	ATC297 C	Flight Simulator Instrument Pilot Advanced	2	ATC298 C	Aviation/Travel Seminar	0.5 - 12	ATC299 C	Independent Study	0.5 - 2				Total Units		35		
ATC190 C	Flight Training-Private Pilot	2																																																																																					
ATC197 C	Flight Simulator Instrument	2																																																																																					
	or																																																																																						
ATC194 C	Flight Training Instrument Rating	2																																																																																					
ATC198 C	Flight Simulator Commercial	2																																																																																					
	or																																																																																						
ATC195 C	Flight Training Commercial Pilot	2																																																																																					
		Units																																																																																					
ATC189 C	Flight Training Device - Introduction	0.5																																																																																					
ATC190 C	Flight Training-Private Pilot	2																																																																																					
ATC193 C	Flight Training-Flight Instructor	1 - 5																																																																																					
ATC194 C	Flight Training Instrument Rating	2																																																																																					
ATC195 C	Flight Training Commercial Pilot	2																																																																																					
ATC196 C	Flight Simulator Private Pilot	2																																																																																					
ATC197 C	Flight Simulator Instrument	2																																																																																					
ATC198 C	Flight Simulator Commercial	2																																																																																					
ATC199 C	Flight Simulator Instructor	2																																																																																					
ATC212 C	Airline/Aviation Management	3																																																																																					
ATC244 C	Aviation Instructor	3																																																																																					
ATC250 C	Turbine Simulator Observation	0.5																																																																																					
ATC255 C	Turbine Simulator Orientation	0.5																																																																																					
ATC295 C	Aviation/Travel Internship	3																																																																																					
ATC296 C	Flight Simulator Private Pilot Advanced	2																																																																																					
ATC297 C	Flight Simulator Instrument Pilot Advanced	2																																																																																					
ATC298 C	Aviation/Travel Seminar	0.5 - 12																																																																																					
ATC299 C	Independent Study	0.5 - 2																																																																																					
Total Units		35																																																																																					
Aviation and Travel Careers	<p>FLIGHT ATTENDANT ASSOCIATE IN SCIENCE DEGREE</p> <p>The Flight Attendant Program provides students with a career path for attaining the communication skills, practical knowledge, and technical training necessary for pursuing a career as a flight attendant. Students completing this degree will develop an advanced understanding of the airline industry and the customer safety, security, and service requirements necessary to work as a flight attendant for a major airline. To earn an Associate Degree students must complete: (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 minimum 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, or visit the Transfer Center. This degree requires a total of 35 units.</p> <p>Required courses are listed in suggested sequence: (27 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>ATC102 C</td> <td>Career Communication/Portfolio</td> <td>3</td> </tr> <tr> <td>ATC174 C</td> <td>Destinations: Americas/Europe</td> <td>3</td> </tr> <tr> <td>ATC175 C</td> <td>Destinations: Africa/Pacific</td> <td>3</td> </tr> <tr> <td>ATC182 C</td> <td>Cultural Tourism</td> <td>3</td> </tr> <tr> <td>ATC183 C</td> <td>Customer Care: Airline/Travel</td> <td>3</td> </tr> <tr> <td>ATC256 C</td> <td>Crew Resource Management</td> <td>3</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>Electives: To complete all major course requirements, students must complete 8 elective units from the list below (if not already taken as a required course). (8 units)</p> <table border="1"> <thead> <tr> <th></th> <th></th> <th>Units</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>			Units	ATC101 C	Introduction to Travel Careers	3	ATC102 C	Career Communication/Portfolio	3	ATC174 C	Destinations: Americas/Europe	3	ATC175 C	Destinations: Africa/Pacific	3	ATC182 C	Cultural Tourism	3	ATC183 C	Customer Care: Airline/Travel	3	ATC256 C	Crew Resource Management	3	ATC270 C	Airline Operations	3	ATC274 C	Passenger Services and Safety	3			Units				2021 Fall	Unit change on ATC 196 C from 1 to 2. CIP and SAM codes added. Total units remain the same.																																																
		Units																																																																																					
ATC101 C	Introduction to Travel Careers	3																																																																																					
ATC102 C	Career Communication/Portfolio	3																																																																																					
ATC174 C	Destinations: Americas/Europe	3																																																																																					
ATC175 C	Destinations: Africa/Pacific	3																																																																																					
ATC182 C	Cultural Tourism	3																																																																																					
ATC183 C	Customer Care: Airline/Travel	3																																																																																					
ATC256 C	Crew Resource Management	3																																																																																					
ATC270 C	Airline Operations	3																																																																																					
ATC274 C	Passenger Services and Safety	3																																																																																					
		Units																																																																																					

	<table border="1"> <tr><td>ATC100 C</td><td>Introduction to Aviation</td><td>3</td></tr> <tr><td>ATC112 C</td><td>Homeland Security</td><td>3</td></tr> <tr><td>ATC116 C</td><td>Aviation/Transportation Security</td><td>3</td></tr> <tr><td>ATC118 C</td><td>Disaster Preparedness and Response</td><td>3</td></tr> <tr><td>ATC132 C</td><td>Private Pilot</td><td>4</td></tr> <tr><td>ATC196 C</td><td>Flight Simulator Private Pilot</td><td>2</td></tr> <tr><td>ATC278 C</td><td>Public Relations</td><td>3</td></tr> <tr><td>ATC295 C</td><td>Aviation/Travel Internship</td><td>3</td></tr> <tr><td>ATC298 C</td><td>Aviation/Travel Seminar</td><td>0.5 - 12</td></tr> <tr><td>ATC299 C</td><td>Independent Study</td><td>0.5 - 2</td></tr> <tr><td>KIN121 C</td><td>Self Defense</td><td>0.5 - 1</td></tr> <tr><td>KIN235 C</td><td>First Aid, CPR and Emergencies</td><td>3</td></tr> <tr><td colspan="2">Total Units</td><td>35</td></tr> </table>	ATC100 C	Introduction to Aviation	3	ATC112 C	Homeland Security	3	ATC116 C	Aviation/Transportation Security	3	ATC118 C	Disaster Preparedness and Response	3	ATC132 C	Private Pilot	4	ATC196 C	Flight Simulator Private Pilot	2	ATC278 C	Public Relations	3	ATC295 C	Aviation/Travel Internship	3	ATC298 C	Aviation/Travel Seminar	0.5 - 12	ATC299 C	Independent Study	0.5 - 2	KIN121 C	Self Defense	0.5 - 1	KIN235 C	First Aid, CPR and Emergencies	3	Total Units		35								
ATC100 C	Introduction to Aviation	3																																														
ATC112 C	Homeland Security	3																																														
ATC116 C	Aviation/Transportation Security	3																																														
ATC118 C	Disaster Preparedness and Response	3																																														
ATC132 C	Private Pilot	4																																														
ATC196 C	Flight Simulator Private Pilot	2																																														
ATC278 C	Public Relations	3																																														
ATC295 C	Aviation/Travel Internship	3																																														
ATC298 C	Aviation/Travel Seminar	0.5 - 12																																														
ATC299 C	Independent Study	0.5 - 2																																														
KIN121 C	Self Defense	0.5 - 1																																														
KIN235 C	First Aid, CPR and Emergencies	3																																														
Total Units		35																																														
Aviation and Travel Careers	<p>UAS Drone Advanced Certificate This certificate prepares students to meet the Federal Aviation Administration requirements to operate lightweight and heavier Unmanned Aircraft Vehicles (UAVs) in commercial operations, utilizing Unmanned Aircraft Systems (UAS). 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 35 units.</p> <p>Required courses are listed in numeric sequence: (34 units)</p> <table border="1"> <thead> <tr><th></th><th></th><th>Units</th></tr> </thead> <tbody> <tr><td>ATC102 C</td><td>Career Communication/Portfolio</td><td>3</td></tr> <tr><td>ATC132 C</td><td>Private Pilot</td><td>4</td></tr> <tr><td>ATC136 C</td><td>Air Navigation</td><td>3</td></tr> <tr><td>ATC140 C</td><td>Meteorology</td><td>3</td></tr> <tr><td>ATC144 C</td><td>Aircraft and Engines</td><td>3</td></tr> <tr><td>ATC160 C</td><td>UAS Drone Basic</td><td>3</td></tr> <tr><td>ATC161 C</td><td>UAS Drone Basic Simulator</td><td>2</td></tr> <tr><td>ATC162 C</td><td>UAS Drone Basic Flight</td><td>2</td></tr> <tr><td>ATC197 C</td><td>Flight Simulator Instrument</td><td>2</td></tr> <tr><td>ATC232 C</td><td>Instrument Rating</td><td>3</td></tr> <tr><td>ATC256 C</td><td>Crew Resource Management</td><td>3</td></tr> <tr><td>ATC261 C</td><td>UAS Drone Advanced Simulator</td><td>2</td></tr> <tr><td>ATC262 C</td><td>UAS Drone Advanced Flight</td><td>2</td></tr> <tr><td colspan="2">Total Units</td><td>35</td></tr> </tbody> </table>			Units	ATC102 C	Career Communication/Portfolio	3	ATC132 C	Private Pilot	4	ATC136 C	Air Navigation	3	ATC140 C	Meteorology	3	ATC144 C	Aircraft and Engines	3	ATC160 C	UAS Drone Basic	3	ATC161 C	UAS Drone Basic Simulator	2	ATC162 C	UAS Drone Basic Flight	2	ATC197 C	Flight Simulator Instrument	2	ATC232 C	Instrument Rating	3	ATC256 C	Crew Resource Management	3	ATC261 C	UAS Drone Advanced Simulator	2	ATC262 C	UAS Drone Advanced Flight	2	Total Units		35	2021 Fall	<p>Program Title, lab times and units to meet industry standards. Title change, ATC 160 C, ATC 161 C, ATC 162 C, ATC 261 C, ATC 262 C. Units change on ATC 161 C from 1 to 2. Units change on ATC 261 C from 1 to 2. ATC 197 C from 1 to 2. Total units remain the same.</p>
		Units																																														
ATC102 C	Career Communication/Portfolio	3																																														
ATC132 C	Private Pilot	4																																														
ATC136 C	Air Navigation	3																																														
ATC140 C	Meteorology	3																																														
ATC144 C	Aircraft and Engines	3																																														
ATC160 C	UAS Drone Basic	3																																														
ATC161 C	UAS Drone Basic Simulator	2																																														
ATC162 C	UAS Drone Basic Flight	2																																														
ATC197 C	Flight Simulator Instrument	2																																														
ATC232 C	Instrument Rating	3																																														
ATC256 C	Crew Resource Management	3																																														
ATC261 C	UAS Drone Advanced Simulator	2																																														
ATC262 C	UAS Drone Advanced Flight	2																																														
Total Units		35																																														
Aviation and Travel Careers	<p>UAS Drone Associate in Science Degree This program prepares students to meet the Federal Aviation Administration requirements to operate lightweight and heavier Unmanned Aircraft Vehicles (UAVs) in commercial operations, utilizing Unmanned Aircraft Systems (UAS). To earn an Associate Degree students must complete: (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 cultural diversity and reading requirements; (4) any elective courses to complete a minimum 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, or visit the Transfer Center. This degree requires a total of 38 units.</p> <p>Required courses are listed in numeric sequence: (38 units)</p> <table border="1"> <thead> <tr><th></th><th></th><th>Units</th></tr> </thead> <tbody> <tr><td>ATC102 C</td><td>Career Communication/Portfolio</td><td>3</td></tr> <tr><td>ATC132 C</td><td>Private Pilot</td><td>4</td></tr> <tr><td>ATC136 C</td><td>Air Navigation</td><td>3</td></tr> <tr><td>ATC140 C</td><td>Meteorology</td><td>3</td></tr> <tr><td>ATC144 C</td><td>Aircraft and Engines</td><td>3</td></tr> <tr><td>ATC160 C</td><td>UAS Drone Basic</td><td>3</td></tr> <tr><td>ATC161 C</td><td>UAS Drone Basic Simulator</td><td>2</td></tr> <tr><td>ATC162 C</td><td>UAS Drone Basic Flight</td><td>2</td></tr> <tr><td>ATC197 C</td><td>Flight Simulator Instrument</td><td>2</td></tr> <tr><td>ATC232 C</td><td>Instrument Rating</td><td>3</td></tr> </tbody> </table>			Units	ATC102 C	Career Communication/Portfolio	3	ATC132 C	Private Pilot	4	ATC136 C	Air Navigation	3	ATC140 C	Meteorology	3	ATC144 C	Aircraft and Engines	3	ATC160 C	UAS Drone Basic	3	ATC161 C	UAS Drone Basic Simulator	2	ATC162 C	UAS Drone Basic Flight	2	ATC197 C	Flight Simulator Instrument	2	ATC232 C	Instrument Rating	3	2021 Fall	<p>Program review and aligning Program Title, lab times and units to meet industry standards. Units change on ATC 161 C from 1 to 2. Units change on ATC 197 C from 1 to 2. Units change from ATC 261 C from 1 to 2. Title change, ATC 160 C, ATC 161 C, ATC 162 C, ATC 260 C, ATC 261 C, ATC 262 C. Total units from 35 to 38.</p>												
		Units																																														
ATC102 C	Career Communication/Portfolio	3																																														
ATC132 C	Private Pilot	4																																														
ATC136 C	Air Navigation	3																																														
ATC140 C	Meteorology	3																																														
ATC144 C	Aircraft and Engines	3																																														
ATC160 C	UAS Drone Basic	3																																														
ATC161 C	UAS Drone Basic Simulator	2																																														
ATC162 C	UAS Drone Basic Flight	2																																														
ATC197 C	Flight Simulator Instrument	2																																														
ATC232 C	Instrument Rating	3																																														

	<table border="1"> <tr> <td>ATC256 C</td> <td>Crew Resource Management</td> <td>3</td> </tr> <tr> <td>ATC260 C</td> <td>UAS Drone Advanced</td> <td>3</td> </tr> <tr> <td>ATC261 C</td> <td>UAS Drone Advanced Simulator</td> <td>2</td> </tr> <tr> <td>ATC262 C</td> <td>UAS Drone Advanced Flight</td> <td>2</td> </tr> <tr> <td colspan="3">Total Units</td> <td>38</td> </tr> </table>	ATC256 C	Crew Resource Management	3	ATC260 C	UAS Drone Advanced	3	ATC261 C	UAS Drone Advanced Simulator	2	ATC262 C	UAS Drone Advanced Flight	2	Total Units			38										
ATC256 C	Crew Resource Management	3																									
ATC260 C	UAS Drone Advanced	3																									
ATC261 C	UAS Drone Advanced Simulator	2																									
ATC262 C	UAS Drone Advanced Flight	2																									
Total Units			38																								
Aviation and Travel Careers	<p>UAS Drone Basic Certificate</p> <p>This certificate prepares students to meet the Federal Aviation Administration requirements to operate lightweight Unmanned Aircraft Vehicles (UAVs) in commercial operations, utilizing Unmanned Aircraft Systems (UAS). 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 17 units.</p> <p>Required courses are listed in numeric sequence: (17 units)</p> <table border="1"> <thead> <tr> <th></th> <th></th> <th>Units</th> </tr> </thead> <tbody> <tr> <td>ATC102 C</td> <td>Career Communication/Portfolio</td> <td>3</td> </tr> <tr> <td>ATC132 C</td> <td>Private Pilot</td> <td>4</td> </tr> <tr> <td>ATC136 C</td> <td>Air Navigation</td> <td>3</td> </tr> <tr> <td>ATC160 C</td> <td>UAS Drone Basic</td> <td>3</td> </tr> <tr> <td>ATC161 C</td> <td>UAS Drone Basic Simulator</td> <td>2</td> </tr> <tr> <td>ATC162 C</td> <td>UAS Drone Basic Flight</td> <td>2</td> </tr> <tr> <td colspan="2">Total Units</td> <td>17</td> </tr> </tbody> </table>			Units	ATC102 C	Career Communication/Portfolio	3	ATC132 C	Private Pilot	4	ATC136 C	Air Navigation	3	ATC160 C	UAS Drone Basic	3	ATC161 C	UAS Drone Basic Simulator	2	ATC162 C	UAS Drone Basic Flight	2	Total Units		17	2021 Fall	<p>Program review and aligning Program Title, lab times and units to meet industry standards.</p> <p>Units change on ATC 161 C from 1 to 2.</p> <p>Title change, ATC 160 C ATC 161 C, ATC 162 C.</p> <p>Total units from 16 to 17.</p>
		Units																									
ATC102 C	Career Communication/Portfolio	3																									
ATC132 C	Private Pilot	4																									
ATC136 C	Air Navigation	3																									
ATC160 C	UAS Drone Basic	3																									
ATC161 C	UAS Drone Basic Simulator	2																									
ATC162 C	UAS Drone Basic Flight	2																									
Total Units		17																									