

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	I CLASS SIZE HISTIEL ATTON	EFF DATE	JUSTIFICATION					
Introduction to Travel Careers	*Outline Update *Advisory removed *Catalog/Schedule Description Update		1	Fall	Outline, advisory removed and catalog/schedule description updated to better reflect course content.					

ATC 160 C UAS Drone Basic Units: 3 Lecture: 3 Laboratory: 0	*Outline Update *Title change from UAV/UAS Basic *Textbook Update	35	instructor does lecture, much of the class time focuses on discussion, group learning, and/or formal/informal student presentations." 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, title change and textbook updated to better reflect course content. Program review update and aligning Program Title to industry standards from
ATC 174 C Destinations: Americas/Europe Units: 3 Lecture: 3 Laboratory: 0	*Outline Update *Catalog/Schedule Description Update	40	assignments are assessed mostly for concepts and structure. 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	UAV/UAS Basic to UAS Drone Basic. 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		Outline, title, advisory revalidated and textbook updated to better reflect course content. Removing "Seminar" from the title of the course due to

			apuld have dire consequences when		constant student confusion of
ATC 260 C UAS Drone Advanced Units: 3	*Outline Update *Title change from UAV/UAS Advanced	35	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." While the instructor does lecture, much of the class time focuses on discussion, group learning, and/or		Constant student confusion of the course content. Outline, title and advisory revalidated to better reflect course content.
Lecture: 3 Laboratory: 0	*Advisory revalidated		formal/informal student presentations. Evaluation primarily through objective exams. Writing assignments are assessed mostly for		Aligning Program Title to industry standards.
ATC 271 C Airport Operations Units: 3 Lecture: 3 Laboratory: 0	*Outline Update *Schedule Description Update	35	concepts and structure. 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 *Outline Update	25	Classes in which the instructor coordinates internship/field practice opportunities and supervises students individually at different locations. Most of the time the students are	2021 Fall	Outline, student contact hours, total student learning hours, lab hours and catalog/schedule description updated to better reflect course content. Outline, removal of repeatable
Independent Study Units: .5-2 Lecture: .5-2 Laboratory: 0	*Removal of Repeatability *Catalog/Schedule Description Update		engaged in practicing the skill(s) they are learning and the instructor gives each student individual instruction as the class proceeds.	Fall	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	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	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	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 DEGREI	ES/CERTIFIC	CATES		
DEGREE					EFF DATE	JUSTIFICATION
Aviation and Travel Careers	The Advanced communication reservations agwill develop at requirements in required course at Cypress Col	AIRLINE CUSTOMER SERVICE Airline Customer Services Certificate provides in skills, practical knowledge, and technical trainingent, gate agent, ticket agent, or customer services in advanced understanding of the airline industry necessary to work in customer services for a majures as listed with a grade of C or better. At least 5 lege. This certificated requires a total of 35 units urses: (27 units)	students with a car ing necessary for p is manager. Studen and the safety, sec or airline. To earn to 0% of all major co	eer path for attaining the ursuing a career as a ts completing this certificate urity, and service this certificate, complete the	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			
		o complete all major course requirement below (if not already taken as a require				
			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			

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	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	ADVANCE	ED FLIGHT ATTENDANT CERTIF	TCATE	2021	Units change o ATC
Travel Careers		Flight Attendant Certificate provides students w		Fall	196 C from 1 to 2. CIP
	communication	n skills, practical knowledge, and technical traini lents completing this certificate will develop an a	ng necessary for pursuing a career	as a flight	and SAM codes added.
		ner safety, security, and service requirements nec			Total units remain the
	airline. To ear	n this certificate, complete the required courses a	s listed with a grade of C or better.	At least 50%	same.
		urse work must be completed at Cypress College		f 35 units.	
	Required co	urses are listed in suggested sequence: (2			
			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		
	ATC112 C ATC116 C ATC118 C ATC132 C	Homeland Security Aviation/Transportation Security Disaster Preparedness and Response Private Pilot	3 3		
	ATC196 C	Flight Simulator Private Pilot	7		
	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		
			<u> </u>		
	Total Units		35		
Aviation and	AIRLINE	CUSTOMER SERVICES ASSOCIA	TE IN SCIENCE DECRE	EE 2021	Unit change on ATC
Travel Careers		stomer Services Program provides students with			196 C and title
Traver careers		l knowledge, and technical training necessary for			revision, CIP and
		gent, or customer services manager. Students con			SAM codes added.
		of the airline industry and the safety, security, ar			Total units remain the
		ces for a major airline. To earn an Associate Deg			same.
		with a grade of C or better; (2) Cypress College N te University General Education Breadth requirer			Sume.
		airements; (3) the social justice, equity, and susta			
		es to complete a minimum of 60 units; and, (5) ha			
	major course v	vork must be completed at Cypress College. Cou	rses that fulfill major requirements	s for an	
		ree at Cypress College might not be the same as			
		tion offering a Baccalaureate Degree. For inform		ements, please	
	-	our counselor, or visit the Transfer Center. This courses. (27 points)	legree requires a total of 35 units.		
	requirea co	urses: (27 units)			
			Units	l	

ATCHO C Instruduction to Travel Careers ATCHO C Secret Communication Perfolio ATCHO C Secret Communication Perfolio ATCHO C Sestimation American Pumple ATCHO C Sestimation Session American Pumple ATCHO C Sestimation Session American Session		l -				7		1
ATC135 C Destinations: American Parops ATC135 C Destinations: Affice Pacific ATC135 C Coutom Tourism ATC236 C Crew Resource Management ATC236 C Crew Resource Management ATC132 C Autom Care: AritimeTravel ATC132 C Airifine Operations ATC132 C Airifine Operations ATC132 C Airifine Agreemations SABR		-			3			
ATC15 C Destinations: AfficiaPhacific 3 3 4 4 4 4 4 4 4 4		ATC102 C	Career Communication/Portfolio		3			
Art 182 C. Cultonal Tourism 13 Art 182 C. Crew Resource Management 183 Art		ATC174 C	Destinations: Americas/Europe		3			
ATC256 C Crew Resource Management 3 ATC183 C Customer Care: Arifine/Travel 3 ATC291 C Airfine Reservations: SABRE 3 ATC292 C Airfine Reservations: SABRE 3 ATC291 C Airfine Operations 3 ATC116 C Airfine Operations 4 ATC116 C Airfine Operations 4 ATC116 C Airfine Operation Security 13 ATC116 C Airfine Operation Security 13 ATC116 C Airfine Operation Security 15 ATC116 C Airfine Operation Security 15 ATC118 C Dissister Preparechoses and Response 15 ATC182 C Private Plot 4 ATC182 C Customer Care: Arifine/Travel 3 ATC183 C Customer Care: Arifine/Travel 3 ATC183 C Customer Care: Arifine/Travel 3 ATC294 C Playlis Endstons 15 ATC294 C Playlis Endstons 15 ATC295 C Aviation/Travel Seminar 15 ATC295 C Aviation/Travel Seminar 15 ATC295 C Aviation/Travel Seminar 15 ATC295 C Independent Study 10.5-2 ATC295 C Aviation/Travel Seminar 15 ATC295 C Independent Study 10.5-2 ATC295 C Aviation/Travel Seminar 10.5-12 ATC295 C Independent Study 10.5-2 ATC295 C Aviation/Travel Seminar 10.5-12 ATC295 C Aviation/Trav		ATC175 C	Destinations: Africa/Pacific		3			
ATC183 C Customer Care. Airline Travel ATC184 C Passenger Services and Safety ATC192 C Airline Operations ATC192 C Airline Operations ATC271 C Airline Operations ATC182 C C Honneland Security ATC182 C Remarks of Airline Operations ATC182 C Airline Operations Security ATC182 C Customer Care. Airline Travel ATC182 C Customer Care. Airline Travel ATC182 C Customer Care. Airline Travel ATC274 C Passenger Services and Safety ATC274 C Passenger Services and Safety ATC275 C Airline Operations ATC274 C Passenger Services and Safety ATC275 C Airline Operations ATC274 C Passenger Services and Safety ATC275 C Airline Travel Internship ATC276 C Airline Travel Internship ATC180 C Service Airline Travel Internship ATC190 C Service Airline Study ATC190 C Service Airline Study ATC190 C Service Airline Study ATC190 C Service Travel Internship ATC190 C Service Travel Internship ATC190 C Service Airline Study ATC190 C Service Travel Internship ATC190 C Service Airline Study ATC190 C Service Studens with the basic background and stavolvelage to gain entry-level employment in the airline Study AIRLING Airline Airline Airline Study AIRLING Airline A		ATC182 C	Cultural Tourism		3			
ATC181 C Customer Care: Airline/Travel			or					
ArTC274 C Passenger Services and Safety		ATC256 C	Crew Resource Management		3			
ATC274 C Passenger Services and Safety 3 ATC192 C Airline Reservations: SADRE 3 ATC271 C Airline Reservations: SADRE 3 ATC271 C Airline Operations 3 ATC271 C Airline Operations 3 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)		ATC183 C	Customer Care: Airline/Travel		3			
Articine Reservations: SABRE 3 ATC270 C Airline Operations 3 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) Units			or					
ATC192 C Airline Reservations SABRE ATC270 C Airline Operations ATC271 C Airline Operations 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) Linits ATC112 C Homeland Security ATC116 C Avaiation Transportation Security ATC116 C Avaiation Transportation Security ATC118 C Disaster Preparedness and Response ATC118 C Disaster Preparedness and Response ATC118 C Cultural Tourism ATC182 C Cultural Tourism ATC183 C Customer Care: Airline/Travel ATC183 C Customer Care: Airline/Travel ATC184 C Private Pilot ATC185 C Fight Simulator Private Pilot ATC186 C Fight Simulator Private Pilot ATC278 C Public Relations ATC278 C Public Relations ATC278 C Avaiation/Travel Internship ATC298 C Avaiation/Travel Seminar ATC299 C Independent Study 0.5 - 2 Total Units AVIATION 1 - PRIVATE PILOT CERTIFICATE This certificate provides students with the basic background and knowledge to gain entry-level employment in the avaiation industry in areas such as line service and fiscing, To carn a certificate, complete the required courses with a grade of Cor better. At least 50% of all course work must be completed at Cypress College. AVIATION 1 - PRIVATE PILOT CERTIFICATE This certificate provides students with the basic background and knowledge to gain entry-level employment in the avaiation industry in areas such as line service and fiscing, To carn a certificate, complete the required courses with a grade of Cor better. At least 50% of all course work must be completed at Cypress College. AVIATION II - PRIVATE PILOT CERTIFICATE Travel Carcer ATC270 C Airline Operations ATC210 C Airline Operations ATC210 C Airline Operation ATC210 C Airline Operatio		ATC274 C	Passenger Services and Safety		3			
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) ATC112 C Homeland Security 3 ATC116 C Aviation/Transportation Security 3 ATC116 C Disaster Preparendross and Response 3 ATC132 C Private Pilot 4 ATC182 C Cultural Tourism 3 ATC183 C Customer Care: Aritine/Travel 3 ATC183 C Customer Care: Aritine/Travel 3 ATC184 C Customer Care: Aritine/Travel 2 ATC296 C Fight Simulator Private Pilot 2 ATC296 C Aviation/Travel Seminar 3 ATC298 C Aviation/Travel Internship 3 ATC298 C Aviation/Travel Seminar 0.5 - 12 ATC299 C Independent Study 0.5 - 2 Total Units certificate provides students with the busic background and knowledge to gain entry-level employment in the aviation industry in arcs such as a fire-strice and facility. To care a certificate, complete the requires a total of 18 units. Aviation and Travel Carreers AVIATION 1 - PRIVATE PILOT CERTIFICATE This certificate provides students with the busic background and knowledge to gain entry-level employment in the aviation industry in arcs such as a fire-strice and facility. To care a certificate, complete the require courses with a grade of C or better. At least 50% of all course work must be completed at Cypress College. ACTC102 C Carreer Communication Portfolio 3 ATC104 C Air Transportation 3 ATC105 C Fight Training-Private Pilot 2 Ford Units 18 AVIATION II - INSTRUMENT PILOT CERTIFICATE Travel Carreers AViation and Travel Carreers Aviation and Travel Carreers Aviation and Travel Training-Private Pilot 5 ATC106 C Fight Training-Private Pilot 5 ATC107 C Fight Training-Private Pilot 5 ATC108 C Fight Simulation Private Pilot 5 ATC109 C Fight Training-Privat		ATC192 C			3	-		
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) ATC112 C Homeland Security 3 ATC116 C Aviation/Transportation Security 3 ATC116 C Disaster Preparendross and Response 3 ATC132 C Private Pilot 4 ATC182 C Cultural Tourism 3 ATC183 C Customer Care: Aritine/Travel 3 ATC183 C Customer Care: Aritine/Travel 3 ATC184 C Customer Care: Aritine/Travel 2 ATC296 C Fight Simulator Private Pilot 2 ATC296 C Aviation/Travel Seminar 3 ATC298 C Aviation/Travel Internship 3 ATC298 C Aviation/Travel Seminar 0.5 - 12 ATC299 C Independent Study 0.5 - 2 Total Units certificate provides students with the busic background and knowledge to gain entry-level employment in the aviation industry in arcs such as a fire-strice and facility. To care a certificate, complete the requires a total of 18 units. Aviation and Travel Carreers AVIATION 1 - PRIVATE PILOT CERTIFICATE This certificate provides students with the busic background and knowledge to gain entry-level employment in the aviation industry in arcs such as a fire-strice and facility. To care a certificate, complete the require courses with a grade of C or better. At least 50% of all course work must be completed at Cypress College. ACTC102 C Carreer Communication Portfolio 3 ATC104 C Air Transportation 3 ATC105 C Fight Training-Private Pilot 2 Ford Units 18 AVIATION II - INSTRUMENT PILOT CERTIFICATE Travel Carreers AViation and Travel Carreers Aviation and Travel Carreers Aviation and Travel Training-Private Pilot 5 ATC106 C Fight Training-Private Pilot 5 ATC107 C Fight Training-Private Pilot 5 ATC108 C Fight Simulation Private Pilot 5 ATC109 C Fight Training-Privat		ATC270 C	Airline Operations		3			
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) ATC112 C Homeland Security 3 ATC118 C Disaster Preparedness and Response 3 ATC118 C Disaster Preparedness and Response 3 ATC123 C Quidral Tourism 3 ATC132 C Cultural Tourism 3 ATC132 C Cultural Tourism 3 ATC133 C Customer Care: Aritine/Travel 3 ATC134 C Pight Simulator Private Pilot 2 ATC256 C Crew Resource Management 3 ATC295 C Dight Simulator Private Pilot 3 ATC295 C Aviation/Travel Internship 3 ATC298 C Independent Study 0.5 - 2 Total Units AVIATION 1 - PRIVATE PILOT CERTIFICATE This certificate provides students with the basic background and knowledge to gain entry-level employment in the aviation industry in areas used in tiening. To care 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. Beguired courses are listed in suggested sequence: (18 units) Career Communication/Portfolio 3 ATC104 C Air Transportation 3 Or ATC270 C Airline Operations 3 ATC144 C Aircraft and Engines ATC104 C Meteorology 3 ATC144 C Aircraft and Engines ATC104 C Meteorology 3 ATC144 C Aircraft and Engines ATC104 C Flight Simulator Private Pilot 4 ATC106 C Flight Simulator Private Pilot 2 Or ATC190 C Flight Training-Private Pilot 2 Total Units Distribution 1 to the aviation industry 1 and AVIATION II - INSTRUMENT PILOT CERTIFICATE Travel Careers Aviation and AVIATION II - INSTRUMENT PILOT CERTIFICATE Travel Careers Aviation and AVIATION II - INSTRUMENT PILOT CERTIFICATE This certificate provides students with the necessary background to gain employment in the aviation industry Fall increasing from 1 universarial control to the aviation industry Fall Pilot Careers Aviation and AVIATION II - Instrument Pilot to gain employmen					3			
From the list below (if not already taken as a required course) (8 units) ATC112 C Homeland Security ATC116 C Aviation/Transportation Security ATC118 C Disaster Preparedness and Response ATC132 C Private Pilot ATC182 C Cultural Tourism ATC182 C Pilight Simulator Private Pilot ATC256 C Crew Resource Management ATC278 C Public Relations ATC278 C Public Relations ATC295 C Aviation/Travel Internship ATC299 C Independent Study 0.5 - 2 Total Units 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 fisching. 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. 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 fisching. 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. AVIATION I - STRUMENT PILOT CERTIFICATE ATC102 C Career Communication/Portfolio ATC104 C Air Transportation ATC132 C Private Pilot ATC140 C Airtine Operations ATC132 C Private Pilot ATC140 C Meteorology ATC140 C Meteoro		11102/10	Imperi operations					
from the list below (if not already taken as a required course) (8 units) ATC112 C Homeland Security 3 ATC116 C Aviation/Transportation Security 3 ATC118 C Disaster Preparedness and Response 3 ATC118 C Disaster Preparedness and Response 3 ATC118 C Cultural Tourism 3 ATC118 C Cultural Tourism 3 ATC118 C Cultural Tourism 3 ATC182 C Pilght Simulator Private Pilot 2 ATC256 C Frew Resource Management 3 ATC278 C Public Relations 3 ATC295 C Aviation/Travel Internship 3 ATC295 C Aviation/Travel Internship 3 ATC299 C Independent Study 0.5 - 2 Total Units 3 AVIATION I - PRIVATE PILOT CERTIFICATE Travel Careers 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 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. Required courses are listed in suggested sequence: (18 units) ATC102 C Career Communication Portfolio 3 ATC104 C Air Transportation 3 ATC105 C Private Pilot 4 ATC106 C Meteorology 3 ATC144 C Aircraft and Engines 3 ATC190 C Flight Simulator Private Pilot 2 Total Units 18 AVIATION II - INSTRUMENT PILOT CERTIFICATE Travel Careers AVIATION II - INSTRUMENT PILOT CERTIFICATE Travel Careers Tr		El. 4 T		1				
ATC112 C Homeland Security 3 ATC118 C Aviation/Transportation Security 3 ATC118 C Disaster Preparedness and Response 3 ATC132 C Private Pilot 4 ATC183 C Cultural Tourism 3 ATC183 C Circw Resource Management 3 ATC274 C Passenger Services and Safety 3 ATC278 C Public Relations 3 ATC278 C Public Relations 3 ATC298 C Aviation/Travel Internship 3 ATC298 C Aviation/Travel Seminar 0.5 - 12 ATC299 C Independent Study 0.5 - 2 Total 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 ATC278 C Public Relations 3 ATC278 C Public Relations 3 ATC295 C Aviation/Travel Internship 3 ATC299 C Independent Study 0.5 - 2 Total Units 3 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 fiteling. To earn a certificate, complete the required courses with grade of C or better. At least 50% of all course work must be completed at Cypress College. Required courses are listed in suggested sequence: (18 units) ATC102 C Career Communication/Portfolio 3 ATC104 C Air Transportation 3 ATC104 C Air Transportation 3 ATC104 C Air Transportation 3 ATC104 C Meteocology 3 ATC109 C Flight Training-Private Pilot 2 Total Units 18 AVIATION II - INSTRUMENT PILOT CERTIFICATE Travel Careers AVIATION II - INSTRUMENT PILOT CERTIFICATE Trivel Careers AVIATION II - INSTRUMENT PILOT CERTIFICATE Trivel Careers Trivel Careers AVIATION II - INSTRUMENT PILOT CERTIFICATE Trivel Careers		from the list	below (if not already taken as a required			ts)		
ATC118 C Disseter Preparedness and Response 3 ATC118 C Disseter Preparedness and Response 3 ATC132 C Private Piol 4 ATC182 C Cultural Tourism 3 ATC182 C Customer Care: Airline/Travel 3 ATC183 C Customer Care: Airline/Travel 3 ATC183 C Customer Care: Airline/Travel 3 ATC196 C Flight Simulator Private Piol 2 ATC256 C Crew Resource Management 3 ATC274 C Passenger Services and Safety 3 ATC278 C Public Relations 3 ATC278 C Public Relations 3 ATC299 C Independent Study 0.5 - 2 Total Units 3 ATC299 C Independent Study 0.5 - 2 Total Units 3 AVIATION I - PRIVATE PILOT CERTIFICATE Travel Careers AVIATION I - PRIVATE PILOT CERTIFICATE This certificate provides students with the basic background and knowledge to gain entry-level employment in fea viation industry in areas such as line service and fileling. To earn a certificate, complete the required courses with a grade of C or better. At least Offs of all course work must be completed at Cypress College. Required courses are listed in suggested sequence: (18 units) Required courses are listed in suggested sequence: (18 units) Required courses are listed in suggested sequence: (18 units) ATC102 C Career Communication/Portfolio 3 ATC104 C Air Transportation 3 ATC132 C Private Pilot 4 ATC140 C Meteorology 3 ATC144 C Aircraft and Engines 3 ATC196 C Flight Training-Private Pilot 2 Total Units 18 AVIATION II - INSTRUMENT PILOT CERTIFICATE Travel Careers AVIATION II - INSTRUMENT PILOT CERTIFICATE Travel Careers AVIATION II - INSTRUMENT PILOT CERTIFICATE Travel Careers Travel Careers AVIATION II - INSTRUMENT PILOT CERTIFICATE Travel Careers AVIATION II - INSTRUMENT PILOT CERTIFICATE Travel Careers Travel Careers AVIATION II - INSTRUMENT PILOT CERTIFICATE Travel Careers				Units				
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ATC132 C Private Pilot					3			
ATC182 C Cultural Tourism ATC183 C Customer Care: AirlineTravel 3 ATC196 C Flight Simulator Private Pilot 2 ATC296 C Crew Resource Management 3 ATC274 C Passenger Services and Safety 3 ATC275 C Public Relations 3 ATC275 C Public Relations 3 ATC276 C Public Relations 3 ATC278 C Public Relations 3 ATC299 C Independent Study 0.5 - 2 Total Units 35 AViation and Travel Careers AVIATION I - PRIVATE PILOT CERTIFICATE This certificate provides students with the basic background and knowledge to gain entry-level employment in eaviation 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. Required courses are listed in suggested sequence: (18 units) ATC102 C Career Communication/Portfolio 3 ATC104 C Air Transportation 3 ATC105 C Flight Simulator Private Pilot 2 Or ATC106 C Flight Simulator Private Pilot 2 Drivate Pilot 3 ATC106 C Flight Simulator Private Pilot 3 AVIATION II - INSTRUMENT PILOT CERTIFICATE This certificate provides students with the necessary background to gain employment in the aviation industry 5All increasing from 1 unit increasing from 1 uni		ATC118 C	Disaster Preparedness and Response		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 ATC298 C Aviation/Travel Internship 3 ATC298 C Aviation/Travel Internship 3 ATC298 C Aviation/Travel Seminar 0.5 - 12 ATC299 C Independent Study 0.5 - 2 Total Units 3 AVIATION 1 - 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 fiteling. To earn a certificate, complete the required courses with a grade of Cor better. At least 50% of all course work must be completed at Cypress College. Required courses are listed in suggested sequence: (18 units) Units		ATC132 C	Private Pilot		4			
ATC196 C Flight Simulator Private Pilot ATC256 C Crew Resource Management 3 ATC278 C Plassenger Services and Safety 3 ATC278 C Plublic Relations 3 ATC298 C Aviation/Travel Internship 3 ATC299 C Independent Study 0.5 - 2 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. 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. AVIATION II - INSTRUMENT PILOT CERTIFICATE Travel Careers AVIATION II - INSTRUMENT PILOT CERTIFICATE This certificate provides students with the necessary background to gain employment in the aviation industry Fall Revising units that ar increasing from 1 units certificate provides students with the necessary background to gain employment in the aviation industry Fall		ATC182 C	Cultural Tourism		3			
ATC256 C Crew Resource Management ATC274 C Passenger Services and Safety ATC278 C Public Relations ATC278 C Public Relations ATC295 C Aviation/Travel Internship ATC298 C Aviation/Travel Internship ATC298 C Aviation/Travel Internship ATC299 C Independent Study 0.5 - 2 Total Units AVIATION 1 - 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 flueling. 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. Required courses are listed in suggested sequence: (18 units) Required courses are listed in suggested sequence: (18 units) Required courses are listed in suggested sequence: (18 units) Required Courses are listed in suggested sequence: (18 units) ATC102 C Career Communication/Portfolio ATC104 C Air Transportation or ATC270 C Airline Operations ATC132 C Private Pilot ATC140 C Meteorology ATC144 C Aircraft and Engines ATC190 C Flight Simulator Private Pilot ATC190 C Flight Simulator Private Pilot ATC190 C Flight Training-Private Pilot Total Units AVIATION II - INSTRUMENT PILOT CERTIFICATE Travel Careers Travel Careers Time certificate provides students with the necessary background to gain employment in the aviation industry Fall Revising units that are increasing from 1 uniforce again employment in the aviation industry Fall Revising units that are increasing from 1 uniforces.		ATC183 C	Customer Care: Airline/Travel		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 3 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 flucling. To carn 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. Required courses are listed in suggested sequence: (18 units) Required courses are listed in suggested sequence: (18 units) Required courses are listed in suggested sequence: (18 units) Required courses are listed in suggested sequence: (18 units) ATC102 C Carcer 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 Total Units 18 AVIATION II - INSTRUMENT PILOT CERTIFICATE Travel Carcers This certificate provides students with the necessary background to gain employment in the aviation industry Fall increasing from 1 unicreasing fro		ATC196 C	Flight Simulator Private Pilot		2			
ATC278 C Public Relations ATC295 C Aviation/Travel Internship ATC298 C Aviation/Travel Seminar ATC299 C Independent Study Discretificate provides students with the basic background and knowledge to gain entry-level employment in the aviation industry in areas such as line service and flueling. 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. Required courses are listed in suggested sequence: (18 units) Required courses are listed in suggested sequence: (18 units) Required courses are listed in suggested sequence: (18 units) Required courses are listed in suggested sequence: (18 units) Required courses are listed in suggested sequence: (18 units) ATC102 C Career Communication/Portfolio ATC104 C Air Transportation or ATC270 C Airline Operations ATC132 C Private Pilot ATC140 C Meteorology ATC144 C Aircraft and Engines ATC196 C Flight Simulator Private Pilot Q ATC190 C Flight Training-Private Pilot Q ATC190 C Flight Training-Private Pilot D ATC190 C Flight Simulator Private Pilot D AVIATION II - INSTRUMENT PILOT CERTIFICATE This certificate provides students with the necessary background to gain employment in the aviation industry Fall Increasing from 1 unicreasing from 1 unicreasi		ATC256 C	Crew Resource Management		3			
ATC295 C Aviation/Travel Internship ATC298 C Aviation/Travel Seminar ATC299 C Independent Study Total Units AVIATION I - PRIVATE PILOT CERTIFICATE This certificate provides students with the basic background and knowledge to gain entry-level employment in the aviation industry AVIATION I - PRIVATE PILOT CERTIFICATE This certificate provides students with the basic background and knowledge to gain entry-level employment in the aviation industry AVIATION I - PRIVATE PILOT CERTIFICATE This certificate provides students with the basic background and knowledge to gain entry-level employment in the aviation industry AVIATION I - PRIVATE PILOT CERTIFICATE Total Unit change on ATC 196 C from 1 to 2. Total units from 17-1 to 18. Units AVIATION II - Instrument of the provides students with the necessary background to gain employment in the aviation industry AVIATION II - INSTRUMENT PILOT CERTIFICATE Travel Careers This certificate provides students with the necessary background to gain employment in the aviation industry Fall Aviation and Travel Careers AVIATION II - INSTRUMENT PILOT CERTIFICATE Travel Careers		ATC274 C	Passenger Services and Safety		3			
Arization and Travel Careers Arization and Travel Careers Aviation and Travel Careers		ATC278 C	Public Relations		3			
Aviation and Travel Careers Aviation and Travel Careers Aviation and Travel Careers 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. Required courses are listed in suggested sequence: (18 units) Required courses are listed in suggested sequence: (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 AVIATION II - INSTRUMENT PILOT CERTIFICATE This certificate provides students with the necessary background to gain employment in the aviation industry in a certificate provides students with the necessary background to gain employment in the aviation industry in the		ATC295 C	Aviation/Travel Internship		3			
Aviation and Travel Careers Aviation and Travel Careers Aviation and Travel Careers 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. Required courses are listed in suggested sequence: (18 units) Required courses are listed in suggested sequence: (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 AVIATION II - INSTRUMENT PILOT CERTIFICATE This certificate provides students with the necessary background to gain employment in the aviation industry in a certificate provides students with the necessary background to gain employment in the aviation industry in the		ATC298 C	*	0.5	5 - 12			
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Aviation and Travel Careers 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. Required courses are listed in suggested sequence: (18 units) ATC102 C Career Communication/Portfolio 3 ATC104 C Air Transportation 3 Or ATC132 C Private Pilot 4 ATC1104 C Aircraft and Engines 3 ATC1104 C Aircraft and Engines 3 ATC1104 C Aircraft and Engines 3 ATC1106 C Flight Simulator Private Pilot 2 Total Units 18 Aviation and Travel Careers AVIATION II - INSTRUMENT PILOT CERTIFICATE This certificate provides students with the necessary background to gain employment in the aviation industry Fall Unit change on ATC 196 C from 1 to 2. Total units from 17-1 to 18.			,			-		
Aviation and Travel Careers 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. Required courses are listed in suggested sequence: (18 units) ATC102 C Career Communication/Portfolio 3 ATC104 C Air Transportation 3 Or ATC132 C Private Pilot 4 ATC1104 C Aircraft and Engines 3 ATC1104 C Aircraft and Engines 3 ATC1104 C Aircraft and Engines 3 ATC1106 C Flight Simulator Private Pilot 2 Total Units 18 Aviation and Travel Careers AVIATION II - INSTRUMENT PILOT CERTIFICATE This certificate provides students with the necessary background to gain employment in the aviation industry Fall Unit change on ATC 196 C from 1 to 2. Total units from 17-1 to 18.		Total Units			35			
Travel Careers 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. Required courses are listed in suggested sequence: (18 units) Required courses are listed in suggested sequence: (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 This certificate provides students with the necessary background to gain employment in the aviation industry Fall 196 C from 1 to 2. Total units from 17-1 to 18.	A		N. I. DRIVATE BIL OT CERTIFICA	(DD)	33		2021	TI ' 1 ATTC
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. Required courses are listed in suggested sequence: (18 units)					to an	in anter layal anniarement in		
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. Required courses are listed in suggested sequence: (18 units)	Travel Careers						ran	
Required courses are listed in suggested sequence: (18 units) Units ATC 102 C ATC 104 C Air Transportation or ATC 270 C Airline Operations ATC 132 C Private Pilot ATC 140 C Atc 270 C Airding Agriculture Pilot ATC 140 C ATC 140 C Atc 270 C Airline Operations ATC 132 C ATC 140 C Atc 270 C Airline Operations ATC 140 C Atc 270 C Atc 270 C Airline Operations ATC 140 C Atc 270 C Atc 270 C Airline Operations Atc 270 C Atc 270 C Airline Operations Atc 270 C Atc 270 C Atc 270 C Airline Operations Atc 270 C Atc 270 C Atc 270 C Airline Operations Atc 270 C A								
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 AVIATION II - INSTRUMENT PILOT CERTIFICATE This certificate provides students with the necessary background to gain employment in the aviation industry Fall increasing from 1 uni		This certificate	e requires a total of 18 units.					10 18.
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 AVIATION II - INSTRUMENT PILOT CERTIFICATE This certificate provides students with the necessary background to gain employment in the aviation industry Fall increasing from 1 uni				0 • · · · ·				
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 AVIATION II - INSTRUMENT PILOT CERTIFICATE This certificate provides students with the necessary background to gain employment in the aviation industry Fall increasing from 1 uni		Required co	ourses are listed in suggested sequence: (1			1		
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 This certificate provides students with the necessary background to gain employment in the aviation industry Fall Revising units that are increasing from 1 units		A TG102 G	C C : (/D (C I	Unit	ts	-		
or ATC270 C Airline Operations ATC132 C Private Pilot ATC140 C Meteorology ATC144 C Aircraft and Engines ATC196 C Flight Simulator Private Pilot or ATC190 C Flight Training-Private Pilot Total Units AVIATION II - INSTRUMENT PILOT CERTIFICATE This certificate provides students with the necessary background to gain employment in the aviation industry Fall Revising units that are increasing from 1 units					3	1		
ATC270 C Airline Operations ATC132 C Private Pilot ATC140 C Meteorology ATC144 C Aircraft and Engines ATC196 C Flight Simulator Private Pilot or ATC190 C Flight Training-Private Pilot 2 Total Units Aviation and Travel Careers AVIATION II - INSTRUMENT PILOT CERTIFICATE This certificate provides students with the necessary background to gain employment in the aviation industry Fall Revising units that are increasing from 1 uni		A1C104 C	-		3	1		
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 This certificate provides students with the necessary background to gain employment in the aviation industry Fall increasing from 1 uni		ATC270 C		1	2	-		
ATC140 C Meteorology ATC144 C Aircraft and Engines ATC196 C Flight Simulator Private Pilot or ATC190 C Flight Training-Private Pilot Total Units AVIATION II - INSTRUMENT PILOT CERTIFICATE Travel Careers This certificate provides students with the necessary background to gain employment in the aviation industry Fall increasing from 1 uni		-			3	1		
ATC144 C Aircraft and Engines ATC196 C Flight Simulator Private Pilot or ATC190 C Flight Training-Private Pilot Total Units AVIATION II - INSTRUMENT PILOT CERTIFICATE Travel Careers This certificate provides students with the necessary background to gain employment in the aviation industry Fall increasing from 1 uni					2	1		
ATC196 C Flight Simulator Private Pilot 2 or ATC190 C Flight Training-Private Pilot 2 Total Units 18 Aviation and Travel Careers This certificate provides students with the necessary background to gain employment in the aviation industry Fall increasing from 1 uni		-	C:		2	1		
Aviation and Travel Careers Or ATC190 C Flight Training-Private Pilot 2 Total Units 18 Aviation and Travel Careers This certificate provides students with the necessary background to gain employment in the aviation industry Fall increasing from 1 units increasing from 1 units from 1 units 1 increasing from 1 incre					<u> </u>	1		
Arc190 C Flight Training-Private Pilot 2 Total Units 18 Aviation and Travel Careers This certificate provides students with the necessary background to gain employment in the aviation industry Fall increasing from 1 uni		A1C196 C	<u> </u>					
Aviation and Travel Careers		ATC100 C			2			
Aviation and Travel Careers This certificate provides students with the necessary background to gain employment in the aviation industry Fall increasing from 1 uni		A1C190 C	Fright Training-1 fivate 1 not			1		
Aviation and Travel Careers This certificate provides students with the necessary background to gain employment in the aviation industry Fall increasing from 1 uni		Total Unite			1 0			
Travel Careers This certificate provides students with the necessary background to gain employment in the aviation industry Fall increasing from 1 uni	A 1		ALII DICEDIIMENE DIL CE CEDE	IEIO A TE	18	<u>"I</u>	2021	D
The first cure of the first cu				_	.1	agent in the control of 1		
poquing anomouge or mounts, numbered and instrument inglit such as inglit seneduling and general aviation Ita / maste few essentiate	Travel Careers						Fall	
to 2 units for simulation		Loquinig Kilov		, 54011 45 1118	5116 30	chicagning and general aviation		to 2 units for simulator
courses.								courses.

		o earn a certificate, complete the required course		east 50% of all	ATC 197 C units from
		nust be completed at Cypress College. This certif	•		1 to 2. ATC 196 C units from
	Required co	urses are listed in suggested sequence: (2	8 units) Units		1 to 2.
	ATC102 C	Career Communication/Portfolio	3		T + 1 '+ C 24 26
	ATC104 C	Air Transportation	3		Total units from 24-26 to 28.
		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 or			
	ATC190 C	Flight Training-Private Pilot	2		
	ATC197 C	Flight Simulator Instrument	2		
	1 TG101 G	or			
	ATC194 C	Flight Training Instrument Rating			
	Total Units		28		
Aviation and		N III - COMMERCIAL PILOT CER		2021	Revising units that are
Travel Careers	This certificate	e prepares students for entry into the commercial burses with a grade of C or better. At least 50% o	pilot profession. To earn a certific	cate, complete Fall	increasing from 1 unit
		certificate requires a total of 34 units.	an course work must be complete	ted at Cyptess	to 2 units for simulator
		urses are listed in suggested sequence: (3	4 units)		courses. ATC 197 C units from
			Units		1 to 2.
	ATC102 C	Career Communication/Portfolio	3		ATC 196 C units from
	ATC104 C	Air Transportation	3		1 to 2.
	ATC270 C	or Airline Operations	1 2		ATC 198 C units from
	ATC132 C	Private Pilot	3		1 to 2.
	ATC132 C	Air Navigation	3		Total units from 31-34
	ATC140 C	Meteorology	3		to 34.
	ATC144 C	Aircraft and Engines	3		Title change on ATC
	ATC232 C	Instrument Rating	3		240 C.
	ATC240 C	Commercial Pilot	3		
	ATC256 C	Crew Resource Management	3		
	ATC196 C	Flight Simulator Private Pilot	2		
		or	<u>.</u>		
	ATC190 C	Flight Training-Private Pilot	2		
	ATC197 C	Flight Simulator Instrument	2		
	ATC194 C	or Flight Training Instrument Rating			
	ATC194 C	Flight Simulator Commercial	2		
	ATC176 C	or			
	ATC195 C	Flight Training Commercial Pilot	2		
Aviation on 1	Total Units	N IV ADVANCED BIL OT CEPTIE	ICATE	2021	Davising weits 41-4
Aviation and Travel Careers	This curriculur instructor. To of C or better; Education Bre justice, equity, 60 units; and,	N IVADVANCED PILOT CERTIF m is designed to prepare students to fly commerce earn an Associate Degree students must complete (2) Cypress College Native General Education re adth requirements (CSU GE Breadth) or IGETC and sustainability and reading requirements; (4) (5) have a minimum GPA of 2.0. At least 50% of ge. Courses that fulfill major requirements for an	al, executive, and/or light aircraft: (1) all major course requirement quirements; California State Universe and Education requirements; any elective courses to complete all major course work must be considered.	tts with a grade versity General (3) the social a minimum of completed at	Revising units that are increasing from 1 unit to 2 units for simulator courses. ATC 197 C units from 1 to 2.

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)

		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

Electives: Students must complete 1 elective unit from the list below. (select any course(s) not already taken above) (1 unit)

		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

AVIATION MANAGEMENT ASSOCIATE IN SCIENCE DEGREE

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

ATC 196 C units from

ATC 198 C units from

ATC 199 C units from

Total units remain the

Title change on ATC

1 to 2.

1 to 2.

1 to 2.

240 C.

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

2021

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 ATC104 C Air Transportation ATC270 C Airline Operations ATC112 C Homeland Security ATC116 C Aviation/Transportation Security ATC256 C Crew Resource Management ATC118 C Disaster Preparedness and Response ATC274 C Passenger Services and Safety ATC132 C Private Pilot ATC271 C Airport Operations ATC182 C Cultural Tourism ATC183 C Customer Care: Airline/Travel ATC212 C Airline/Aviation Management 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) ATC100 C Introduction to Aviation ATC116 C Aviation/Transportation Security ATC123 C Travel Sales and Tour Operations Travel Management ATC126 C ATC132 C Private Pilot ATC136 C Air Navigation ATC140 C Meteorology ATC180 C Tourism and Conference Management ATC192 C Airline Reservations: SABRE ATC196 C Flight Simulator Private Pilot ATC240 C Commercial Pilot Crew Resource Management ATC256 C

Aviation and Travel Careers

Aviation Management Certificate

Public Relations

Independent Study

ATC274 C

ATC278 C

ATC295 C

ATC298 C

ATC299 C

Total Units

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.

0.5 - 12

0.5 - 2

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

Passenger Services and Safety

Aviation/Travel Internship

Aviation/Travel Seminar

2021 Unit change on ATC Fall 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	- I	7		
	ATC183 C	Customer Care: Airline/Travel		3		
	ATC212 C	Airline/Aviation Management		3		
	Electives: To	complete all major course requirements, stu	idents mu	st complete 11 elective		
		ne list below (if not already taken as a require		_		
			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 - 1	2		
	ATC299 C	Independent Study	0.5 -	2		
		, , , , , , , , , , , , , , , , , , ,	l	_		
	Total Units		3	5		
Aviation and	Caroor Too	hnical Education - Aviation Associate in	Saionaa	Dograd	2021	Unit change on ATC
Travel Careers	The Career Tec	chnical Education - Aviation Associate in Science Degree with A	Area of Emp	begree hasis in Aviation provides CTE		196 C, ATC 197 C,
Traver Careers		he opportunity to earn a 60-unit degree that demonstra			ı an	ATC 198 C, ATC 199
		C IGETC general education requirements. Students sh				C. Title change on
	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					ATC 240 C. Degree
						title change. CIP and
	Degree with A	viation emphasis, students must complete the following	ng requirem	ents: (1) 21 units of major		SAM codes added
) Cypress College Native General Education requirements (CSLI GE Proodth) or IGETC Ground				Total units remain the
		adth requirements (CSU GE Breadth) or IGETC Gene units of CSU transferable coursework; and (4) have a				same.
	major course w	ork must be completed at Cypress College. This degr				
	Required Co	ore Classes: (6 units)	I	⊣		
	ATTC100 =		Units			
	ATC102 C	Career Communication/Portfolio		3		

	ATC270 C	Airline Operations		3		
	Flactives: St	udents must complete 15 units from the list be	low: (15			
	Electives. Sti	duents must complete 13 units from the list be	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 ATC240 C	Aerodynamics Commercial Pilot		<u>3</u>		
	ATC240 C ATC244 C			3		
	ATC250 C	Aviation Instructor Turbine Simulator Observation	0	5		
	ATC256 C	Crew Resource Management	0	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		2	1		
Aviation and		al Pilot Associate in Science Degree			2021	Units change,
Travel Careers		n is designed to prepare students to fly commercial, exe			Fall	ATC 197 C units from
		earn an Associate Degree students must complete: (1) a (2) Cypress College Native General Education requirem				1 to 2.
		adth requirements (CSU GE Breadth) or IGETC General				ATC 196 C units from
	justice, equity,	and sustainability and reading requirements; (4) any el-	ective cou	rses to complete a minimum of		1 to 2.
		5) have a minimum GPA of 2.0. At least 50% of all ma				ATC 198 C units from
		ge. Courses that fulfill major requirements for an Assoc those required for completing the major at a transfer in				1 to 2.
		n on specific university requirements, please consult wi				ATC 199 C units from
	Center. This de	egree requires a total of 35 units.	•	,		1 to 2.
	Required cor	urses are listed in suggested sequence: (34 unit		¬		Total units remain the
			Units			same.
	ATC102 C	Career Communication/Portfolio		3		Title change on ATC
	ATC104 C	Air Transportation		3		240 C.
	1 TG250 G	or				
	ATC270 C	Airline Operations		3		
	ATC132 C ATC136 C	Private Pilot	+	1 2		
	ATC136 C ATC140 C	Air Navigation		3		
	ATC140 C	Meteorology Aircraft and Engines		3		
	ATC232 C	Instrument Rating	+	3		
	ATC232 C ATC240 C	Commercial Pilot		3		
	ATC256 C	Crew Resource Management	+	3		
	ATC196 C	Flight Simulator Private Pilot		2		
		or		1		
L	1	Ĺ		_	1	1

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	
		•	
Electives: To	o complete all major course requirements, s	tudents must	complete 1 elective un
	below. Select course/s not already taken as		
		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		-	
A1C29/C	Flight Simulator Instrument Pilot Advanced	2	

0.5 -

Aviation and Travel Careers

ATC298 C

ATC299 C

Total Units

FLIGHT ATTENDANT ASSOCIATE IN SCIENCE DEGREE

Aviation/Travel Seminar

Independent Study

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.

Required courses are listed in suggested sequence: (27 units)

		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

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)

Units

2021 Fall Unit change on ATC 196 C from 1 to 2. CIP and SAM codes added. Total units remain the same.

ACULLO C. Jonester Prepareduces and Response ACULLO C. Avaision Transportation Security ACULLO C. Disaster Prepareduces and Response ACULLO C. Disaster Prepared Plate ACULO C. Black Strandster Private Plate ACULO C. Disaster Private Plate ACULO C. Avaision Travel Interneting ACULO C. Avaision Travel Interneting ACULO C. Avaision Travel Resembly ACULO C. Avaision Travel Corrects Acute C. Avaision Travel Corrects Acute C. Avaision Travel Corrects The scrifficate prepares studies to meet the Federal Aviation Administration requirements to operate Influence of the Acute Correct Resembly College This certificate requires a total of 35 units. Required courses are listed in numeric sequence: (34 units) ACULO C. Career Communication Portfolio ACULO C. ACULO					7	1	
ATC116 C Noisenfor Transportation Security ATC116 C Disease Programations of Security ATC126 C Disease Programations (Security 1) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		ATC100 C	Introduction to Aviation	3			
ArC121 C Disaster Preparadhess and Response ArC121 C Provate Plate Plate Plate Provate Plate Provat			,	3			
Article C. Biplat Sandance Privace Riot Article C. Aviation Travel Remarks Aviation and Travel Carreers Aviation and Travel Carreers Article C. Article				3			
Article C Fight Simulator Provace Pilots			Disaster Preparedness and Response	3			
Articago C. Avaitation Travel Internability ATC298 C. Avaitation Travel Seminar ATC298 C. Avaitation Travel Seminar ATC298 C. Avaitation Travel Seminar ATC298 C. Independent Study (ND 23 C. KN213 C. Self DeCense Avaitation and Travel Carcerers Avaitation and Travel Carcerers Avaitation And ministration requirements to operate industry standards. Title change, ATC 161 C. AT				4			
A Activation and Travel Careers A TC1296 C Avaitation Travel Serviner			-	2			
Articago C independent Study 0.5-2 KN121 C Self Defenue 0.5-1 KN121 C Self				3			
Aviation and Travel Careers Required courses are listed in numeric sequence: (34 units) Aviation and Careers Required courses are listed in numeric sequence: (34 units) Aviation and Careers Required courses are listed in sequence: (34 units) Arcialo C. Career Communication/Portfolio S. Arcialo C. Arcialo C. Das Drone Basic Simulator S. Arcialo C. Career Communication Read Programment S. S. Arcialo C. Career Resource Management S. Arcialo C. Career Resource Management S. Arcialo C. Career Resource Management S. S. Carlos Resource Res			*	3			
Aviation and Travel Carcers Aviation and Travel Carcers In Consideration of the Section of the Section Aviation Administration requirements to operate lightweight and heavier Urmanned Aircraft Vehicles (UAVs) in commercial operations, utilizing Urmanned Aircraft Systems (UAS). To earn this certificate, complete the required courses as listed with a grade of C or better. A least 50 mil. Required courses are listed in numeric sequence: (34 units) ATC102 C Carcer Communication Portfolio							
Aviation and Travel Careers Aviation and Tra		ATC299 C	1 2	0.5 - 2			
Aviation and Travel Careers Aviation and Tra		-		0.5 - 1			
Aviation and Travel Careers Aviation and Travel Careers Career		KIN235 C	First Aid, CPR and Emergencies	3			
Aviation and Travel Careers Aviation and Travel Careers Career							
Travel Careers This certificate prepares students to meet the Federal Aviation Administration requirements to operate lightweight and heavier Umanneal Aircraft Pokitics (UAVs) in commercial operations, utilizing Umanned Aircraft Systems (1/As). To cam this certificate, complete the required courses as listed with a grade of C or better. At least 95% of all major course work must be completed at Cypress College. This certificate requires a total of 35 units. Required courses are listed in numeric sequence: (34 units)		Total Units		35			
Travel Careers This certificate prepares students to meet the Federal Aviation Administration requirements to operate lightweight and heavier Umanneal Aircraft Pokitics (UAVs) in commercial operations, utilizing Umanned Aircraft Systems (1/As). To cam this certificate, complete the required courses as listed with a grade of C or better. At least 95% of all major course work must be completed at Cypress College. This certificate requires a total of 35 units. Required courses are listed in numeric sequence: (34 units)	Aviation and	UAS Drone	Advanced Certificate			2021	Program Title, lab
ilightweight and heavier Unmanned Aircraft Vehicles (UAVs) in commercial operations, utilizing Unmanned Aircraft Systems (UAS). To earn this certificate, complete the required courses as isted with a grade of C or bester. At least 50% of all major course work must be completed at Cypress College. This certificate requires a total of 32 units. Required courses are listed in numeric sequence: (34 units) Units	Travel Careers			inistration req	uirements to operate		times and units to meet
Arctinit Systems (UAS). To earn this certificate, complete the required courses as issted with a grade of C or better, A less 50% of all major course work must be completed at Cypress College. This certificate requires a total of 35 units. Note							
C. ATC 161 C, ATC 162 C, ATC 261 C, ATC 26							_
Required courses are listed in numeric sequence: (34 units) ATC 102 C Career Communication/Portfolio				Cypress Cone	ege. This certificate requires a		
ATC102 C Career Communication/Portfolio 3 ATC132 C Private Pilot 4 ATC136 C Air Navigation 3 ATC136 C Air Navigation 3 ATC141 C Meteorology 3 ATC144 C Aircraft and Engines 3 ATC160 C UAS Drone Basic Simulator 2 ATC160 C UAS Drone Basic Simulator 3 ATC161 C UAS Drone Advanced Flight 2 ATC232 C Instrument Rating 3 ATC256 C Crew Resource Management 3 ATC261 C UAS Drone Advanced Flight 2 ATC107 C Plight Simulator Instrument 2 ATC202 C UAS Drone Advanced Flight 2 ATC107 C UAS Drone Advanced Flight 2 Total Units Successful Communication Portfolio Air Superior Complete a minimum of 90 units and (5) have a minimum of 10 units and 50 shows a				ts)			
ArC102 C Career Communication/Portfolio 3 ArC132 C Private Pilot 4 ArC132 C Private Pilot 3 ArC140 C Meteorology 3 ArC141 C AirroHand Engines 3 ArC160 C UAS Drone Basic Simulator 5 ArC161 C UAS Drone Basic Simulator 5 ArC161 C UAS Drone Basic Simulator 6 ArC197 C Plight Simulator Instrument 7 ArC22 C Instrument Rating 3 ArC256 C Crew Resource Management 3 ArC262 C UAS Drone Advanced Simulator 7 ArC161 C UAS Drone Advanced Simulator 7 ArC161 C UAS Drone Advanced Flight 7 Travel Careers 8 Aviation and 7 Travel Careers 8 Aviation and 7 Travel Careers 8 Aviation and 7 Travel Careers 9 Aviation and 7 Travel Careers 9 Aviation and 7 LAS Drone Associate in Science Degree 8 This program prepares students to meet the Federal Aviation Administration requirements to operate lightweight and heavier Unmanned Aircraft Vehicles (UAV's) 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, and a ligning Program Title, lab times and aligning Program Education requirements, (3) the cultural diversity and reading requirements (CSU GE Breadth) or (16ETC 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 of 60 units; and (5) have a minimum of 60 units; and, (5) have a minimum of 60		•					
ATC132 C Private Pilot		ATC102 C	Career Communication/Portfolio	3			
ATC140 C Meteorology 3 ATC140 C Macraft and Engines 3 ATC160 C UAS Drone Basic 3 ATC161 C UAS Drone Basic 12 ATC161 C UAS Drone Basic Simulator 2 ATC197 C Flight Simulator Instrument 2 ATC252 C UAS Drone Basic Flight 2 ATC232 C Instrument Rating 3 ATC256 C Crew Resource Management 3 ATC261 C UAS Drone Advanced Flight 2 Total Units 3 Aviation and Travel Careers Travel Careers UAS Drone Advanced Flight 12 Total Units 15 Aviation and Craft Systems (UAS). To carn an Associate Degree students must complete: (1) all major course requirements with a grade of C or better; (2) Cypress College Mative General Education requirements: California State University General Education Breadth requirements (4) any elective courses to complete a minimum of 60 min; and, (5) have a minimum GPA of 2.0. At teas 50% of all major course work must be completed at Cypress College. Courses that fulfill major requirements; (4) any elective courses to complete a minimum of 60 min; and, (5) have a minimum GPA of 2.0. At teas 50% of all major course work must be completed an Cypress College. Courses that fulfill major requirements; (4) any elective courses to complete a minimum of 60 min; and, (5) have a minimum GPA of 2.0. At teas 50% of all major course work must be completed an Cypress College. Courses that fulfill major requirements; please consult with your course for, or visit the Transfer Center. This degree requirements (5) and elective courses to complete a minimum of 60 min; and, (5) have a minimum GPA of 2.0. At teas 50% of all major course work must be completed an Cypress College might not be the same as two requirements (5) and paid or course work must be completed an Cypress College might not be the same as to ato 478 amm and paid or course work must be completed an Cypress College might not be the same as to ato 478 amm and paid or course work must be completed an Cypress College might not be the same as to ato 478 amm and paid or cour		ATC132 C	Private Pilot	4			\mathcal{L}
ATC140 C Meteorology 3 ATC144 C Aircraft and Engines 3 ATC144 C Aircraft and Engines 3 ATC160 C UAS Drone Basic Simulator 2 ATC161 C UAS Drone Basic Simulator 2 ATC162 C UAS Drone Basic Flight 2 ATC232 C Instrument Rating 3 ATC256 C Crew Resource Management 3 ATC261 C UAS Drone Advanced Simulator 2 ATC262 C UAS Drone Advanced Simulator 2 ATC262 C UAS Drone Advanced Flight 2 Total Units 35 Aviation and Travel Careers Aviation and Travel Careers Aviation and Careers Aviation and Careers are sudents to meet the Federal Aviation Administration requirements to operate lightweight and heavier Umananed Aircraft Vehicles (UAVs) in commercial operations, utilizing Ummanned 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; (3 may 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 a University General Education Breadth requirements for an Associate Degree are Cypress College might not be the same as those required for completing the major at a transfer institution offering a Baccalaurate Degree. For information on specific university requirements produce 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 a Cypress College, courses that fullill major requirements for an Associate Degree are Cypress College, Courses that fullill major 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 units to meet industry standards. Units change on ATC 161 C from 1 to 2. Units change on ATC 167 C from 1 to 2. Units change on ATC 168 C from 1 to 2. Units change on ATC 169 C from 1 to 2. Units change on ATC 169 C, ATC 261 C from 1 to 2. Units change on ATC 169 C, ATC 261 C, ATC 262 C		ATC136 C	Air Navigation	3			
ATC144 C Aircraft and Engines ATC160 C UAS Drone Basic ATC161 C UAS Drone Basic Simulator ATC162 C UAS Drone Basic Flight ATC197 C Flight Simulator Instrument ATC232 C Instrument Rating ATC256 C Crew Resource Management ATC261 C UAS Drone Advanced Simulator ATC262 C UAS Drone Advanced Flight Total Units ATC262 C UAS Drone Advanced Flight AVIATION C TOTAL Units AVIATION C 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 care an Associate Degree students must complete: (1) all mignor course requirements with a grade of C or better; (2) Cypress College Native General Education requirements; California State University General Education Breadth requirements; (24 May 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, please consult with your counselor, or visit the Transfer Center. This degree requires a total of 38 units. Required courses are listed in numeric sequence: (38 units) Required courses are listed in numeric sequence: (38 units) ATC102 C Greer Communication/Portfolio ATC132 C Private Pilot ATC132 C Private Pilot ATC134 C Air Navigation ATC140 C Meteorology ATC140 C Meteorology ATC161 C UAS Drone Basic Simulator ATC161 C UAS Drone Basic Flight ATC161 C UAS Drone Basic Flight ATC162 C UAS Drone Basic Flight ATC167 C Flight Simulator Instrument ATC167 C Flight Simulator Instrument		ATC140 C	Meteorology	3			
ATC160 C UAS Drone Basic 3		ATC144 C	Aircraft and Engines	3			
ATC161 C UAS Drone Basic Simulator		ATC160 C	1	3			2
ATC162 C UAS Drone Basic Flight ATC197 C Flight Simulator Instrument ATC236 C Instrument Rating ATC236 C Crew Resource Management ATC261 C UAS Drone Advanced Simulator ATC262 C UAS Drone Advanced Simulator ATC262 C UAS Drone Advanced Flight UAS Drone Associate in Science Degree This program prepares students to meet the Federal Aviation Administration requirements to operate lightweight and heavier Ummanned Aircraft Vehicles (UAVs) in commercial operations, utilizing Ummanned Aircraft Systems (UAS). To carn 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; (GSU 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. Required courses are listed in numeric sequence: (38 units) ATC102 C Career Communication/Portfolio ATC103 C Air Navigation ATC144 C Aircraft and Engines ATC140 C Meteorology ATC140 C Meteorology ATC140 C Meteorology ATC141 C Aircraft and Engines ATC161 C UAS Drone Basic Simulator ATC162 C UAS Drone Basic Flight ATC167 C Flight Simulator Instrument ATC167 C Flight Simulator Instrument			UAS Drone Basic Simulator	2			Total units remain the
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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			1	3			ATC 261 C, ATC 262
ATC161 C UAS Drone Basic Simulator 2 ATC162 C UAS Drone Basic Flight 2 ATC197 C Flight Simulator Instrument 2			1	3	1		
ATC162 C UAS Drone Basic Flight 2 ATC197 C Flight Simulator Instrument 2				3			Total units from 35 to
ATC197 C Flight Simulator Instrument 2				2			38.
				2			
ATC232 C Instrument Rating 3				2			
		ATC232 C	Instrument Rating	3		1	

	1.TG256.G				1
	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	UAS Drone	Basic Certificate		2021	Program review and
Travel Careers	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. A least 50% of all major course work must be completed at Cypress College. This certificate requires a total of units. Required courses are listed in numeric sequence: (17 units)				aligning Program Title, lab times and units to meet industry standards. Units change on ATC
			Units		161 C from 1 to 2.
	ATC102 C	Career Communication/Portfolio	3		Title change, ATC 160
	ATC132 C	Private Pilot	4		C ATC 161 C, ATC
	ATC136 C	Air Navigation	3		162 C.
	ATC160 C	UAS Drone Basic	3		Total units from 16 to
	ATC161 C	UAS Drone Basic Simulator	2		17.
	ATC162 C	UAS Drone Basic Flight	2		
		<u> </u>			
	Total Units		17		