

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		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

		1	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 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 majues 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 ng necessary for p s manager. Studen and the safety, sec or airline. To earn t 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		ning the	Fall	196 C from 1 to 2. CIP
	communication	n skills, practical knowledge, and technical traini	ng necessary for pursuing	g a career as a flight		and SAM codes added.
		lents completing this certificate will develop an a 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		s a total of 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			
	ATC100 C ATC112 C ATC116 C ATC118 C	Introduction to Aviation Homeland Security Aviation/Transportation Security Disaster Preparedness and Response	3 3 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	AIRLINE (CUSTOMER SERVICES ASSOCIA	TE IN SCIENCE I	DEGREE	2021	Unit change on ATC
Travel Careers		astomer Services Program provides students with			Fall	196 C and title
		l knowledge, and technical training necessary for		eservations agent, gate		revision, CIP and
		gent, or customer services manager. Students con		*		SAM codes added.
		of the airline industry and the safety, security, an				Total units remain the
		ces for a major airline. To earn an Associate Deg vith a grade of C or better; (2) Cypress College N				same.
		the University General Education Breadth requirer				
		irements; (3) the social justice, equity, and susta				
		es to complete a minimum of 60 units; and, (5) ha				
		work must be completed at Cypress College. Cou				
		ree at Cypress College might not be the same as				
		tion offering a Baccalaureate Degree. For inform our counselor, or visit the Transfer Center. This of				
	-	urses: (27 units)	legree requires a total of	JJ umto.		
	- Equitor to	(-, -, -, -, -, -, -, -, -, -, -, -, -, -	Units			
			o into			

					-		1
	ATC101 C	Introduction to Travel Careers		3	3		
	ATC102 C	Career Communication/Portfolio		3	3		
	ATC174 C	Destinations: Americas/Europe		3	3		
	ATC175 C	Destinations: Africa/Pacific		3	3		
	ATC182 C	Cultural Tourism		3	3		
		or					
	ATC256 C	Crew Resource Management		3	3		
	ATC183 C	Customer Care: Airline/Travel		3	3		
		or					
	ATC274 C	Passenger Services and Safety		3	3		
	ATC192 C	Airline Reservations: SABRE		3	3		
	ATC270 C	Airline Operations		3	3		
	ATC271 C	Airport Operations		3	3		
		1 1					
	Elastinas T						
		o complete all major course requirement			_		
	from the list	below (if not already taken as a required			ts)		
			Units				
	ATC112 C	Homeland Security		3	3		
	ATC116 C	Aviation/Transportation Security		3	3		
	ATC118 C	Disaster Preparedness and Response		3	<u>3</u>		
	ATC132 C	Private Pilot		4	1		
	ATC182 C	Cultural Tourism		3	3		
	ATC183 C	Customer Care: Airline/Travel		3	3		
	ATC196 C	Flight Simulator Private Pilot		2	2		
	ATC256 C	Crew Resource Management		3	3		
	ATC274 C	Passenger Services and Safety		3	3		
	ATC278 C	Public Relations		3	3		
	ATC295 C	Aviation/Travel Internship		3	3		
	ATC298 C	Aviation/Travel Seminar	0	5 - 12	2		
	ATC299 C	Independent Study).5 - 2			
					1		
	Total Units			35	5		
A 1 .1 1		N. I. DDIVATE DIL OT CEDTIFICA	/DID	33	<u>′</u>	2021	TI ' 1 ATTC
Aviation and		N I - PRIVATE PILOT CERTIFICA e provides students with the basic background an		to co	in anter laval anniarement in	2021	Unit change on ATC 196 C from 1 to 2.
Travel Careers		dustry in areas such as line service and fueling. T				Fall	
		grade of C or better. At least 50% of all course v					Total units from 17-18 to 18.
	This certificate	e requires a total of 18 units.					10 18.
	Required co	ourses are listed in suggested sequence: (1		• .	7		
	A TC 102 C		Uni	its	<u> </u>		
	ATC102 C ATC104 C	Career Communication/Portfolio		3	3		
	ATC104 C	Air Transportation		3)		
	ATC270 C	or Airline Operations	1	^	1		
				3	1		
	ATC132 C	Private Pilot		2	! ,		
	ATC140 C	Meteorology		2	5		
	ATC144 C	Aircraft and Engines Flight Simulator Private Pilot		2)		
	ATC196 C	<u> </u>					
	ATC100 C	Or Elicité Tacinia e Daissée Dilet			_		
	ATC190 C	Flight Training-Private Pilot					
	Total Units			18			
	Total Units	N. I. Diompiliani and an analysis	 		2	2051	D
Aviation and		N II - INSTRUMENT PILOT CERT	_		at at the total	2021	Revising units that are
Travel Careers		e provides students with the necessary backgroun wledge of weather, navigation and instrument flig				Fall	increasing from 1 unit
	requiring know	wieuge of weather, havigation and mstrument ing	gin such as III	giii S	chodumig and general aviation		to 2 units for simulator
							courses.

		o earn a certificate, complete the required course		least 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 3+ 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	1 2		
	ATC190 C	Flight Training-Private Pilot	2		
	ATC197 C	Flight Simulator Instrument	2		
	1.TG104.G	or			
	ATC194 C	Flight Training Instrument Rating	2		
	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	pilot profession. To earn a certif	ficate, complete Fall	increasing from 1 unit
		ourses with a grade of C or better. At least 50% of certificate requires a total of 34 units.	f all course work must be comple	eted at Cypress	to 2 units for simulator
		urses are listed in suggested sequence: (3	4 units)		courses.
			Units		ATC 197 C units from 1 to 2.
	ATC102 C	Career Communication/Portfolio	3		ATC 196 C units from
	ATC104 C	Air Transportation	3		1 to 2.
	A TG270 G	or			ATC 198 C units from
	ATC270 C	Airline Operations	3		1 to 2.
	ATC132 C ATC136 C	Private Pilot Air Navigation	4		Total units from 31-34
	ATC130 C	Meteorology	3		to 34.
	ATC140 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	'		
	ATC190 C	Flight Training-Private Pilot	2		
	ATC197 C	Flight Simulator Instrument	2		
	ATC104 C	or			
	ATC194 C ATC198 C	Flight Training Instrument Rating Flight Simulator Commercial	2		
	A1C198 C	or			
	ATC195 C	Flight Training Commercial Pilot	2		
<u> </u>	Total Units	NIN ANYANGEN BY OF CERTIFIE	34	2021	D
Aviation and Travel Careers	This curriculum instructor. To of C or better; Education Brea justice, equity,	N IVADVANCED PILOT CERTIF m is designed to prepare students to fly commercearn an Associate Degree students must complet (2) Cypress College Native General Education radth requirements (CSU GE Breadth) or IGETC and sustainability and reading requirements; (4) (5) have a minimum GPA of 2.0. At least 50% or	ial, executive, and/or light aircra e: (1) all major course requireme equirements; California State Un General Education requirements any elective courses to complete	nts with a grade iversity General ; (3) the social e a minimum of	Revising units that are increasing from 1 unit to 2 units for simulator courses. ATC 197 C units from 1 to 2.
	Cypress Colleg	(3) have a minimum GPA of 2.0. At least 50% of ge. Courses that fulfill major requirements for an those required for completing the major at a training training the major at a training trainin	Associate Degree at Cypress Co	ollege might not	1 ω 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	<u> </u>			
	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, str	udents mu	 ist 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 -	12		
	ATC299 C	Independent Study	0.5	. 2		
			I			
	Total Units			35		
Aviation and	Caroor Too	hnical Education - Aviation Associate in	Scionco	Dograo	2021	Unit change on ATC
Travel Careers	The Career Tec	chnical Education Associate in Science Degree with A	Area of Em	phasis in Aviation provides CTE		196 C, ATC 197 C,
Traver Careers		he opportunity to earn a 60-unit degree that demonstr			an	ATC 198 C, ATC 199
		C IGETC general education requirements. Students sh				C. Title change on
		nplete this degree for more information on university or each area of emphasis do not necessarily reflect m				ATC 240 C. Degree
	specific univers	sity but some courses may be used to fulfill university	y requireme	nts. To earn the CTE AS		title change. CIP and
	Degree with A	viation emphasis, students must complete the following	ng requiren	ents: (1) 21 units of major		SAM codes added
) Cypress College Native General Education requirer				Total units remain the
		adth requirements (CSU GE Breadth) or IGETC General 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)	1	-		
	1.TC102 =		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. St	duchts must complete 13 units from the fist 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	<u>5</u>		
	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	<u>)</u>		
	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>		
				3		
	ATC244 C ATC250 C	Aviation Instructor Turbine Simulator Observation	0	<u>5</u>		
	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		
		1 1	1			
	Total Units		2	1		
Aviation and	Commercia	ll 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
		arn an Associate Degree students must complete: (1) a				1 to 2.
		(2) Cypress College Native General Education requiren adth requirements (CSU GE Breadth) or IGETC Genera				ATC 196 C units from
	justice, equity,	and sustainability and reading requirements; (4) any ele	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
		the. Courses that fulfill major requirements for an Assoc those required for completing the major at a transfer in				1 to 2.
		on specific university requirements, please consult wi				ATC 199 C units from
	Center. This de	gree requires a total of 35 units.	•			1 to 2.
	Required cor	urses are listed in suggested sequence: (34 unit	<u> </u>	¬		Total units remain the
			Units			same.
	ATC102 C	Career Communication/Portfolio		3		Title change on ATC
	ATC104 C	Air Transportation		3		240 C.
	1 TG 2 TO G	or				
	ATC270 C	Airline Operations		3		
	ATC132 C	Private Pilot		4 2		
	ATC136 C ATC140 C	Air Navigation		3		
	ATC140 C	Meteorology		3		
	ATC144 C ATC232 C	Aircraft and Engines Instrument Rating	+	3		
	ATC232 C ATC240 C	Commercial Pilot	+	3		
	ATC256 C	Crew Resource Management	+	3		
	ATC196 C	Flight Simulator Private Pilot	+	2		
	11101700	or		₹		
<u> </u>					l	

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
rom the list	t below. Select course/s not already taken as	a required co
		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		_
ATC255 C	Turbine Simulator Observation	0.5
ATC295 C	Turbine Simulator Observation Turbine Simulator Orientation	0.5 0.5
A1C2/3 C		
	Turbine Simulator Orientation	
ATC296 C ATC297 C	Turbine Simulator Orientation Aviation/Travel Internship	0.5

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.

ArCi C					1	1	
ATC116 C		ATC100 C	Introduction to Aviation	3			
ATC132 C Private Pilot 4 ATC196 C Flight Standards Private Pilot 4 ATC196 C Flight Standards Private Pilot 9 ATC298 C Avisition Travel Internship 3 ATC298 C Internship 4 Avisition and Travel Carreers Avisition and Travel Carreers Avisition and Cravel Certificate The certificate prepares students to meet the Federal Avisition Administration requirements to operate algibroight and service Unamanded Autenth Violates (UA/S) in commercial operations utilizing Unamanded Internship 5 Bell All Least Sylve 6 all major course work must be completed at Cypress College. This certificate requires a feet and the Arctical Violates (UA/S) in Commercial Operations utilizing Unamanded Autenth Violates (UA/S) in Commercial Operations (UA/S)			,	3			
ArC104 C. Private Plot ArC104 C. Private Distance Private Plot ArC104 C. Pright Simulator Private Plot ArC104 C. Pright Simulator Private Internably ArC204 C. Aviation Trivet Internably ArC204 C. Final And. CPR and Emergencies Distance International Private International Int				3			
ATC196 C. Plight Simulation Privace Pilot 2 ATC298 C. Aviation Travel Internship 3 ATC298 C. Aviation Travel Seminar 0.5 - 12 ATC298 C. Independent Study 0.5 - 2 KNN21 C. Self Defense 0.5 - 1 KNN21 C. Self Defense 0.5 - 1 KNN21 C. Self Defense 0.5 - 1 Total Units 0.5 - 12 Aviation and 1 Travel Carcers Aviation and 1 Travel Carcers This cerificate prepares students to meet the Federal Aviation Administration requirements to operate lightweight and heavier Umananed Aircraft Vehicles (UAV) in commercial operations, utilizing Umananed Aircraft Self-and in certificate the required courses as listed with a gase of C or bester. At least 50% of all major course work must be compiled at Cypress College. This cerificate requires a state of 35 nature. Required courses are listed in numeric sequence: (34 units) ATC101 C. Carcer Communication Portfolio 0.3 ATC101 C. Macronlongy 0.3 ATC101 C. Macronlongy 0.3 ATC101 C. Macronlongy 0.3 ATC101 C. Macronlong 0.3 ATC101 C. Macronlong 0.3 ATC101 C. Land Demos Basic Simulator 0.2 ATC102 C. Land Demos Basic Simulator 0.2 ATC102 C. Land S. Dones Resident of Singlet 0.2 ATC103 C. Demos Advanced Flight 0.3 ATC104 C. Land Demos Resident of Singlet 0.2 ATC104 C. Land S. Dones Advanced Flight 0.3 ATC104 C. Land S. Dones Advanced Flight 0.3 ATC104 C. Arc C. Scancer Communication Portfolio 0.3 ATC104 C. Arc C. Scancer Communication Portfolio 0.3 ATC104 C. Demos Resident of Singlet 0.3 ATC104 C. Arc C. Scancer Communication Portfolio 0.3 ATC104 C. Arc C. Scancer Communication Portfolio 0.3 ATC104 C. Demos Resident of Singlet 0.3 ATC104 C. Arc C. Scancer Communication Portfolio 0.3 ATC104 C. Arc C.			Disaster Preparedness and Response	3			
Articisor Care Measure Internably 3 at Articisor Care Internably 3 at Articisor Care Internably 3 at Articisor Care Internably 4 at Articisor Care Internably 4 at Articisor Care Internably 4 at Articisor Care Internably 5 at Articisor Care Internably 5 at Articisor Care Internably 6 at Articisor Care Communication Portfolio 6 at Articisor Care Communication Portfolio 7 at Articisor Care Care Care Communication Portfolio 7 at Articisor Care Care Care Care Care Care Care Car				4			
A Visition and Travel Careers A Visition Travel Careers A Visition and Career Service A Visition Travel Career Service A Visition Administration requirements to operate lightweight and heavier Unnamed Aircraft Vehicles (UAVs) in commercial operations, utilizing Unnamed Industry standards. Aircraft of Career Communication Portfolio Aircraft Sequence (Alamist) Aircraft			-	2			
Aviation and Travel Cureers of the Communication Portfolio				3			
Aviation and Travel Careers Aviation and Avanced Certificate Tisserficiants (Junis) Aviation and Avanced Certificate Inis certificate propers students to meet the Federal Aviation Administration requirements to operate lightweight and heavier Unnamed Aircraft Vehicles (UAVs) in commercial operations, utilizing Unmanned Aircraft Systems (UAS). To care this certificate, complete the required courses as listed with a grade of C obtette. At least 50% of all major course work must be completed at Cypress College. This certificate requires a rotal of 35 units. Required courses are listed in numeric sequence: (34 units) ATC102 C Career CommunicationPortfolio ATC103 C Air Navigation ATC140 C Mescenology ATC140 C Mescenology ATC140 C Mescenology ATC140 C Mescenology ATC140 C UAS Drone Basic Flight ATC161 C UAS Drone Advanced Clingth ATC250 C Crew Resource Management ATC261 C UAS Drone Advanced Flight ATC250 C Crew Resource Management ATC261 C UAS Drone Advanced Flight ATC250 C Crew Resource Management ATC261 C UAS Drone Advanced Flight ATC250 C Crew Resource Management ATC261 C UAS Drone Advanced Flight ATC250 C Crew Resource Management ATC261 C UAS Drone Advanced Flight ATC250 C Crew Resource Management ATC261 C UAS Drone Advanced Flight ATC250 C Crew Resource Management ATC261 C UAS Drone Advanced Flight ATC250 C Crew Resource Resource Resource Resource Report Resource Re			*	3			
Aviation and Travel Careers and the properties and the properties studies to meet the Federal Aviation Administration requirements to operate lightweight and heavier Unanamed Aircraft Vehicles (LAVs) 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 59% of all major course work must be completed at Cypers College. This certificate requires a State of C or better. A least 59% of all major course work must be completed at Cypers. College. This certificate requires a State of C or better. A least 59% of all major course work must be completed at Cypers Scollege. This certificate requires a State of C or better. A least 50% of all major course work must be completed at Cypers Scollege. This certificate requires a State of C or better. A least 50% of a long to the State of C or better. A least 50% of a long to complete of Cypers Scollege. This program prepares students to make the federal Aviation Administration requirements to operate lightweight and heavier Unmanned Aircraft works of the College Native General Education requirements and heavier Unmanned Aircraft works of the College Native General Education requirements and aligning Program Title, lab times and units to meet the Federal Aviation Administration requirements to operate lightweight and heavier Unmanned Aircraft works of the College Native General Education requirements. The courses to work the state of the College Native General Education requirements and aligning Program Title, lab times and units to meet the Rederal Aviation Administration requirements with a grade of Cor better. (2) cypers Scollege Native General Education requirements with a grade of Cor better. (2) cypers Scollege Native General Education requirements with the major at a transfer institution offering a Baccalaureate Degree. For information on specific university requirements for an Associate Degree at Cypers Scollege. Ourse that fillfull major requirements f							
Aviation and Travel Carcers Aviation and Carcers Av		ATC299 C	1 2	0.5 - 2			
Aviation and Travel Careers and the control of the federal and				0.5 - 1			
Aviation and Travel Carcers A Viation and Travel Carcers A Winting conflicted prepares students to meet the Federal Aviation Administration requirements to operate lightweight and heavier Ummaned Aircraft Vysters Clogs. This certificate requires a function and aircraft Systems (1/AS). To can this certificate, complete the required courses as listed with a grade of C or sound of 3 Simple Courses for a function of the Course of the		KIN235 C	First Aid, CPR and Emergencies	3			
Aviation and Travel Carcers A Viation and Travel Carcers A Winting conflicted prepares students to meet the Federal Aviation Administration requirements to operate lightweight and heavier Ummaned Aircraft Vysters Clogs. This certificate requires a function and aircraft Systems (1/AS). To can this certificate, complete the required courses as listed with a grade of C or sound of 3 Simple Courses for a function of the Course of the							
Travel Careers This certificate prepares students to meet the Federal Aviation Administration requirements to operate lightweights and heavier Unamoned Aircraft 95x8cms (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. 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 Unamoned 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. Required courses are listed in numeric sequence: (34 units) ATC102 C Career Communication Portfolio 3 A AC132 C Private Filot 4 A AC132 C Private Filot 4 A AC132 C Private Filot 4 A AC132 C Private Filot 5 AC Meteorology 3 AC1614 C Aircraft and Engines 3 AC1616 C UAS Drone Basic Simulator 5 AC161 C UAS Drone Basic Simulator 5 AC161 C UAS Drone Basic Filight 5 AC161 C UAS Drone Advanced Filight 5 AC161 C UAS Drone Basic Filight 5 AC161 C U	Aviation and	UAS Drone	Advanced Certificate			2021	Program Title, lab
lightweight and heavier Umanned Aircraff Vshieloss (UAVs) in commercial operations, utilizing Umanned Aircraff Systems (UAS). To ear this certificate, complete the required courses as listed with a grane 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 miss. Required courses are listed in numeric sequence: (34 units) ATC102 C areer Communication/Portfolio	Travel Careers			inistration req	uirements to operate		times and units to meet
Arreaft Systems (UAS). Io earn this ecrificate, complete the required courses as itseld with a grade of C or better, 21 tests 50% of all major courses work must be completed at Cypress College. This certificate requires a total of 35 units. Required Courses are listed in numeric sequence: (34 units) ATC102 C Career Communication/Portfolio 3 ATC132 C Private Pilot 4, ATC136 C Air Navigation 3, ATC140 C Metoorology 3, ATC144 C Aircraft and Engines 3, ATC161 C UAS Drone Basic Simulator 2, ATC261 C UAS Drone Basic Simulator 3, ATC261 C UAS Drone Advanced Simulator 2, ATC261 C UAS Drone Advanced Flight 3, ATC261 C UAS Drone Advanced Flight 2, ATC261 C UAS Drone Advanced Flight 2, ATC261 C UAS Drone Advanced Flight 2, ATC261 C UAS Drone Advanced Flight 3, ATC261 C UAS Drone Advanced Flight 3, ATC261 C UAS Drone Advanced Flight 2, ATC261 C UAS Drone Advanced Flight 3, ATC261 C UAS Drone Basic Flight 4, ATC261 C U							
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Required courses are listed in numeric sequence: (34 units) ATC102 C Career Communication/Portfolio 3 ATC132 C Private Pilot 4 ATC132 C Private Pilot 4 ATC136 C Air Navigation 3 ATC140 C Meteorology 3 ATC144 C Aircraft and Engines 3 ATC161 C UAS Drone Basic Flight 2 ATC161 C UAS Drone Basic Flight 2 ATC162 C LOSD Tome Basic Plight 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 3 AViation and Travel Careers 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 a Associate Degree students must complete: (1) all major course work must be complete a minimum of 60 metrs and confirming a Baccalaureate Degree. For information on specific university requirements, (2) utilizing Unmanned offering a Baccalaureate Degree. For information on specific university requirements, please consult with your counsework or visit the Transfer Center. This degree requires a total of 38 units. ATC102 C Career Communication/Portfolio 3 ATC103 C Private Pilot 4 ATC103 C Air Navigation 3 ATC140 C Meteorology 3 ATC140 C Meteorology 3 ATC140 C Meteorology 3 ATC140 C Meteorology 3 ATC161 C UAS Drone Basic Simulator 2 ATC161 C UAS Drone Basic Simulator 2 ATC161 C UAS Drone Basic Simulator 2 ATC161 C UAS Drone Basic Flight 2 ATC161 C UAS Drone Basic Flight 3 ATC161 C UAS Drone Basic Simulator 2 ATC161 C UAS Drone Basic Flight 3 ATC161 C UAS Drone Basic Flight 2 ATC161 C UAS Drone Basic Flight 3 ATC161 C UAS Drone Basic Fl				Cypress Cone	ege. This certificate requires a		
ATC132 C Private Pilot				ts)			
ArC102 C Career Communication/Portfolio 3 ArC132 C Private Pilot 4 ArC132 C Private Pilot 3 ArC140 C Meteorology 3 ArC144 C Aircraft and Engines 3 ArC160 C UAS Drone Basic 3 ArC161 C UAS Drone Basic Simulator 2 ArC161 C UAS Drone Basic Simulator 2 ArC161 C UAS Drone Basic Simulator 3 ArC161 C UAS Drone Basic Simulator 3 ArC261 C UAS Drone Basic Simulator 3 ArC262 C UAS Drone Basic Simulator 3 ArC263 C C rew Resource Management 3 ArC264 C UAS Drone Advanced Simulator 2 ArC262 C UAS Drone Advanced Simulator 2 ArC262 C UAS Drone Advanced Flight 2 ArC262 C UAS Drone Advanced Flight 2 ArC261 C DAS Drone Advanced Flight 2 ArC262 C UAS Drone Advanced Simulator 3 ArC261 C UAS Drone Advanced Flight 2 ArC262 C UAS Drone Advanced Flight 2 ArC262 C UAS Drone Advanced Flight 2 ArC263 C Express College Degree Units 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 Vehicles (UAVs) in commercial operations, utili		1					
ATC136 C Air Navigation		ATC102 C	Career Communication/Portfolio	3			
ATC136 C Air Navigation ATC140 C Meteorology ATC144 C Aircraft and Engines ATC160 C UAS Drone Basic ATC160 C UAS Drone Basic ATC161 C UAS Drone Basic Simulator ATC161 C UAS Drone Basic Simulator ATC197 C Fight Simulator Instrument ATC262 C UAS Drone Basic Simulator ATC262 C UAS Drone Basic Flight ATC262 C UAS Drone Advanced Simulator ATC262 C UAS Drone Advanced Flight ATC262 C UAS Drone Advanced Flight ATC262 C UAS Drone Advanced Flight ATC261 C UAS Drone Basic Simulator ATC261 C UAS Drone Basic Simulator ATC261 C Aircraft and Versity and reading requirements (4) any elective courses to complete a minimum of 60 mints; and, (5) have a minimum of DRO 472.0 At least 50% of all major course work must be completed at Cypress College. College Native General Education requirements (4) any elective courses to complete a minimum of 60 mints; and, (5) have a minimum of DRO 472.0 At least 50% of all major course work must be completed at Cypress College. College Native General Education requirements (20 URS brone Basic UAS ADCACA DECEDRATE DECEDRATE ADCACA DECEDRATE ADCACA DECEDRATE ADCACA DECEDRATE ADCA		ATC132 C	Private Pilot	4			\mathcal{L}
ATC140 C Meteorology 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 9 ATC22 C Instrument Rating 3 ATC256 C Crew Resource Management 3 ATC261 C UAS Drone Advanced Flight 9 Total Units 3 AVIATOR TOTAL UNITS AND TO CAMP AND AVIATOR TOTAL AVIATOR TO CAMP AND AVIATOR TO CAMP AND AVIATOR TO CAMP AVIATOR		ATC136 C	Air Navigation	3			
ATC144 C Aircraft and Engines ATC161 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 ATC261 C UAS Drone Advanced Simulator ATC261 C UAS Drone Advanced Simulator ATC262 C UAS Drone Advanced Simulator ATC262 C UAS Drone Advanced Flight Total Units AVIation and Travel Careers AVIation and Cravel Systems (UAS). To carn an Associate begree at lightweight and heavier Unmanned Aircraft Vehicles (UAVs) in commercial operations, utilizing Unmanned Aircraft Systems (UAS). To carn an Associate begree at complete can minimum GPA of 2.0. At least 50% of all major course work units to emplete a minimum of 60 units; and, (5) have a minimum GPA of 2.0. At least 50% of all major course work units be completed and units offering a Baccalaurated 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 ATC102 C Career Communication/Portfolio ATC103 C Air Navigation ATC104 C Meteorology ATC144 C Aircraft and Engines ATC164 C UAS Drone Basic Flight ATC165 C UAS Drone Basic Flight ATC166 C UAS Drone Basic Flight ATC167 C Flight Simulator Instrument ATC167 C Flight Simul		ATC140 C	Meteorology	3			
ATC160 C UAS Drone Basic ATC161 C UAS Drone Basic Simulator ATC161 C UAS Drone Basic Simulator ATC162 C UAS Drone Basic Flight ATC236 C Instrument Rating ATC256 C Crew Resource Management ATC266 C UAS Drone Advanced Flight Total Units AVAITON TOTAL Units AVAITON TOTAL Units AVAITON 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 earn an Associate Degree students must complete (1) all major course acquirements with a grade of C or better (2) Cypress College Native General Education requirements. With a grade of C or better (2) Cypress College Native General Education requirements (3) and elements (4) any elements (50 and the course work ommust be completed 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 prypers College. Courses that fulfill major requirements (4) any elements (50 and 60 a		ATC144 C	Aircraft and Engines	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 Aviation and Travel Careers Aviation and Company of the Company of t		ATC160 C	1	3			2
ATC162 C UAS Drone Basic Flight ATC197 C Flight Simulator Instrument ATC232 C Instrument Rating ATC232 C Instrument Rating ATC256 C Crew Resource Management ATC261 C UAS Drone Advanced Simulator ATC262 C UAS Drone Advanced Flight Total Units AViation and Travel Careers AViation and Travel Careers AVIATOR 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 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; (3) the cultural diversity see College heavier (3) express College and program of the 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 (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 course serol complete of the completing the major at a transfer institution offering a Baccalaureate Degree. For information on specific university requirements, please consult with your course consoler, 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 Private Pilot ATC104 C Meteorology ATC140 C Meteorolo			UAS Drone Basic Simulator	2			Total units remain the
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Travel Careers 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) 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 ATC132 C Private Pilot ATC136 C Air Navigation ATC144 C Aircraft and Engines ATC144 C Aircraft and Engines ATC160 C UAS Drone Basic ATC160 C UAS Drone Basic Simulator ATC160 C UAS Drone Basic Flight ATC161 C UAS Drone Basic Flight ATC167 C Flight Simulator Instrument Title, lab times and units to meet industriate standards. Lunits change on AT 161 C, Tom 1 to 2. Units change on AT 161 C, Tom 1 to 2. Units change on AT 197 C from 1 to 2. Units change on AT 197 C from 1 to 2. Units change on AT 197 C from 1 to 2. Units change in ATC161 C, ATC 261	Aviation and		Associate in Science Degree		ı	2021	Drogram raviaw and
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ATC197 C Flight Simulator Instrument 2				2			38.
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	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. At least 50% of all major course work must be completed at Cypress College. This certificate requires a total of 17 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		
	Total Units		17		