



Professional Pilot Technology

Associate in Science | Code: 26029 | 64 credits

CIP (1649010200)

Effective Term: Fall 2024 (2247)

The Professional Pilot Technology program is primarily developed to meet the challenging regional airline requirements for pilots; therefore, graduates of the program will earn the following Federal Aviation Administration (FAA) Certificates: Commercial Pilot with Single and Multi-Engine Ratings. In addition, these certificates can be applied toward a Certified Flight Instructor (CFI) Certificate. The Accelerated track was developed to meet the emerging workforce needs and prepare students for employment within 12 months.

GENERAL EDUCATION REQUIRED (15.00 Credits)

COMMUNICATIONS (3.00 credits)

ENC 1101	English Composition 1	(3 credits)	Prerequisite: Student must meet the Developmental Education reading and writing requirements in State Rule 6A-10.0315 (by course, placement score, or eligible exemption).
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HUMANITIES (3.00 credits)

PHI 2010	Introduction to Philosophy	(3 credits)
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MATHEMATICS (3.00 credits)

MAC 1105	College Algebra	(3 credits)	Prerequisite: MAT 1033♦
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♦Note: Students must seek advisement for proper mathematics course from discipline chairperson.

NATURAL SCIENCE (3.00 credits)

ESC 1000	General Education Earth Science	(3 credits)
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SOCIAL SCIENCE (3.00 credits)

AMH 2010	History of the US to 1877	(3 credits)
AMH 2020	History of the US since 1877	(3 credits)
POS 2041	American Federal Government	(3 credits)

COMPUTER COMPETENCY

Test type(s) needed:

Computer Competency Test (CCT)

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CGS 1060C	Introduction to Computer Technology & Applications
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PROGRAM CORE REQUIREMENTS (34.00 – 36.00 Credits)

Group A: Non-Accelerated Track (34.00 credits)

ASC 1210	Aviation Meteorology	(3 credits)	Corequisite ATT 2110 or equivalent
ASC 1550	Aerodynamics	(3 credits)	
ASC 1610	Aircraft Engines and Structures	(3 credits)	
ASC 2320	Aviation Laws and Regulations	(3 credits)	
ASC 2470	Physiology/Psychology of Flight	(3 credits)	
ASC 2670	Aircraft Systems	(3 credits)	Prerequisite: ASC 1610
ATF 2210	Commercial Pilot Flight	(3 credits)	
ATF 2305	Instrument Pilot Flight	(3 credits)	Corequisite: ATT 2120, Current FAA Medical Certificate
ATT 2110	Commercial Pilot Theory	(3 credits)	Prerequisite: ATF 2210
			Corequisite: ATF 2300 or 2210

ATT 2120	Instrument Pilot Theory	(4 credits)	Prerequisite: ASC 1210 Corequisite: ATF 2210
ATT2820	Air Traffic Control	(3 credits)	Prerequisite: Sophomore Standing in Major Program.

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Group B: Accelerated Track (36.00 credits)

ASC 1210	Aviation Meteorology	(3 credits)	Corequisite ATT 2110 or equivalent
ASC 1550	Aerodynamics	(3 credits)	
ASC 1610	Aircraft Engines and Structures	(3 credits)	
ASC 2320	Aviation Laws and Regulations	(3 credits)	
ASC 2470	Physiology/Psychology of Flight	(3 credits)	
ASC 2670	Aircraft Systems	(3 credits)	Prerequisite: ASC 1610
ATF 2210L	Commercial Pilot Flight Accelerated	(3 credits)	
ATF 2305L	Instrument Pilot Flight Accelerated	(3 credits)	Corequisite: ATT 2120, Current FAA Medical Certificate
ATT 2110	Commercial Pilot Theory	(3 credits)	Prerequisite: ATF 2210
ATT 2120	Instrument Pilot Theory	(4 credits)	Corequisite: ATF 2300 or ATF 2210
ATT 2133	Multi-Engine Pilot Theory	(2 credits)	Prerequisite: ASC 1210
ATT 2820	Air Traffic Control	(3 credits)	Corequisite: ATF 2210
Program.			Prerequisite: Sophomore Standing in Major

ELECTIVES (13.00 – 15.00 Credits)

ATF 2400	Multi-Engine Pilot Flight	(3 credits)	Prerequisite: ATF 1100 or ATF 2210 Corequisite: ATT 2133
ATF 2501	Flight Instructor-Flight Training	(3 credits)	Prerequisite: ATF 2300 Corequisites: ATT 2131, ATF 2501L
ATF 2501L	Flight Instructor laboratory	(1 credit)	Prerequisite: ATF 2300 Corequisites: ATT 2131, ATF 2501
ATT 2131	Flight Instructor Theory	(3 credits)	Prerequisite: ATF 2300 Corequisites: ATF 2501, ATF 2501L
ATT 2133	Multi-Engine Pilot Theory	(2 credits)	
ATT 2660	Regional Airline Operations	(3 credits)	Prerequisites: ASC 1610, ATT 2110, ATT 2120
ATT 2821	Air Traffic Control (ATC) Radar	(3 credits)	Prerequisites: ATT 2820, ASC 1210
ATT 2822	VFR Tower Operations	(3 credits)	Prerequisite: ATT 2820
ATT 2823	Air Traffic Control (ATC) Non-Radar	(3 credits)	Prerequisites: ATT 2820, ASC 1210
AVM 1949	Co-Op Work Experience 1: AVI	(3 credits)	
CGS 1060C	Introduction to Computer Technology & Applications	(4 credits)	
MAT 1033	Intermediate Algebra	(3 credits)	Prerequisite: MAT 0022C, or MAT 0028, or MAT 0057 or by placement score, or eligible exemption.