



ASSOCIATE DEGREE IN APPLIED SCIENCE ROTARY TRANSITION (RTP)

ADMISSIONS/ ENROLLMENT REQUIREMENTS

- High School Diploma or GED
- Age 16 to fly solo; age 17 to earn Private Pilot Certificate; and age 18 to earn Commercial Pilot Certificate
- Current government-issued photo ID
- Birth certificate or current passport
- Student Pilot Certificate
- Current First-Class FAA Medical Certificate
- Hold a Rotorcraft Private/Commercial Certificate with Instrument Rating

PROGRAM DESCRIPTION

The Associate Degree Program is designed for the rotorcraft pilot to receive training in the maneuvers and procedures necessary for them to meet the guidelines contained in the FAA Airmen Certification Standards for an airplane. Additionally, the student will receive training in safety awareness, single-pilot resource management and aeronautical decision-making. Upon graduation from this program, the student will have gained the aeronautical experience necessary to apply for an FAA Commercial Pilot's Certificate – (category and class) with Instrument Rating.

PROGRAM OBJECTIVES

Upon completion of the program, the student will be able to:

- Fly single and multi engine airplane
- Conduct flights with passengers or cargo for compensation or hire
- Understand aviation meteorological charts and a symbology associated with safe flight in visual and instrument flight
- Apply principles of aviation crew resource management
- Think critically as a professional pilot in the aviation industry
- Use basic computer applications

POTENTIAL CAREER OPPORTUNITIES

Potential entry level job titles include but are not limited to: Part 135 aircraft charter, corporate flight department, flight instructor, aerial photography, surveying, military aviation, bush pilot/remote re-supply, medical evacuation, firefighting and spotting, Federal and State Government positions, drug enforcement, pipeline and transmission line patrol, and airplane sales/demonstration. Occupations are based on flight hours set by the company. The FAA has set minimum flight hours hiring requirements for Part 121 airlines.

PROGRAM LENGTH

The average length of time for a student taking a full course load is 90 weeks. The enrollment agreement lists the students start date. (quarter system beginning on 1st of the month and ending on the last day of the quarter (ex: 04/01/2018 to 07/023/2018).

BARRIERS FOR EMPLOYMENT

The FAA sets the enrollment requirements, skills required and graduation standards for pilot certificates and ratings. They are published in the FAR/AIM and Airman Certification Standards (ACS) book(s). The ACS has additional references. In addition, the FAA sets the standards for the medical certificates. The FAA holds the right to refuse anyone a pilot certificate(s)/rating(s) and/or medical certificate. Occupational opportunities may be reduced for a criminal record, drug/alcohol offenses and/or low flight time. Commercial pilot jobs require a first or second class medical.

GRADUATION REQUIREMENTS

The FAA sets the course curriculum and standards for certificates and ratings. The FAA makes no exceptions for not meeting the standards. Per the FAA regulations, the student must complete the required lessons and successfully pass all knowledge exams, stage checks, oral exams, and practical exams. All academic courses within a program are graded in accordance to the "Grading & Satisfactory Academic Progress Policy". A cumulative average score of 80% or higher is required to graduate. Graduation credit hours are 94.0.

CREDENTIALS AWARDED

Associate Degree of Applied Science, Rotary Transition
FAA Commercial Pilot Certificates with Instrument Rating (single and multi-engine airplane).

ACCREDITATION

Accrediting Council for Continuing Education & Training (ACCET) #1473
Federal Aviation Administration Part 141 School #AYKS724K
State of Ohio Board of Career Colleges and Schools (OBCCS) #14-05-2043T
State of Ohio licensed to offer Veteran Administration Benefits

COURSE	COURSE NAME	PREREQUISITE CO-REQUISITE	CREDIT HOURS
AV 100	Private Pilot Ground	Co-requisite: AV 100L	4.5
AV 100L	Private Pilot Flight	Co-requisite: AV 100	5.5
AV 250	Instrument Rating Additional Ground - RTP	Prerequisites: AV 100, AV 100L Co-requisite: AV 250L	3.0
AV 250L	Instrument Rating Additional Flight - RTP	Prerequisites: AV 100, AV 100L Co-requisite: AV 250	2.5
AV 330	Commercial Pilot Additional Category Ground – RTP	Prerequisite: AV 100, AV 100L AV 250, AV 250L Co-requisites: AV 350L	3.0
AV 330L	Commercial Pilot Additional Category Flight – RTP	Prerequisites: AV 100, AV 100L AV 250, AV 250L Co-requisites: AV 350	5.0
AV 340	Commercial Pilot Additional Class Ground – RTP	Prerequisite: AV 100, AV 100L AV 250, AV 250L AV 350, AV 350L Co-requisites: AV 360L	1.5
AV 340L	Commercial Pilot Additional Class Flight – RTP	Prerequisites: AV 100, AV 100L AV 250, AV 250L AV 350, AV 350L Co-requisites: AV 360	2.0
AV 350	Advanced Aerodynamics	Prerequisites: MAT 101, PHY 250 PHY 250L	4.5
AV 351	Advanced Aircraft Systems	None	4.5
AV 352	Advanced Aircraft Familiarization	None	3.5
AV 353	Aviation Weather	None	4.5
AV 354	Crew Resource Management	None	4.5
AV 355	Federal Aviation Regulations	None	4.5
AV 450	Fundamentals of Instruction	None	4.5
AV 510	Flight Observation - Commercial	Prerequisites: AV 100, 200 series, 330L Co-requisites: AV 340, AV 340L	2.0
PHY 250	General Physics I	Prerequisite: MAT 101 Co-requisite: PHY 250L	4.5
PHY 250L	General Physics I LAB	Prerequisite: MAT 101 Co-requisite: PHY 250	3.0
BUS 105	Business Communication	None	4.5
COM 101	Introduction to Communication	None	4.5
ENG 101	English Composition I	None	4.5
IT 101	Info Tech Fundamentals	None	4.5
MAT 101	College Algebra *	None	4.5
*The following accredited institution undergraduate courses may be given credit: trigonometry, geometry, and calculus.			
<u>Select either PSY 101 or SOC 101</u>			
PSY 101	Introduction to Psychology	None	4.5
SOC 101	Introduction to Sociology	None	4.5