

PROGRAM OF STUDY

Flight Science Associate in Science Degree

The Associate Degree in Flight Science is designed to provide students the knowledge, skills, and flight experience required to become certified commercial airplane pilots and flight instructors. Students will complete academic, simulator, and flight courses taught within the guidelines of the Federal Aviation Administration. Emphasis is placed on aeronautical decision making, flight safety, and effective teaching techniques. As courses within the degree are successfully completed, the student will earn the Private Pilot Certificate, Instrument Rating, Commercial Pilot Certificate, and Flight Instructor Certificate. Degree graduates will be ready to enter the aviation industry as commercial airplane pilots and flight instructors.

Program Learning Outcomes:

1. Apply situational awareness and decision making skills.
2. Demonstrate proficiency of take-offs, landings, and missed approaches.
3. Evaluate how day-to-day weather elements like clouds, wind, and rain affect flight operation and interpret graphic weather products such as surface analysis, weather depiction, and prognostic charts.
4. Exhibit proper emergency procedures decision-making skills.
5. Demonstrate flight proficiency during instrument approach procedures.
6. Effectively communicate with students while demonstrating proper coordination of flight controls.

Required Courses, 32 units

		Units
FLGHT101	Private Pilot 1 Ground School	2
FLGHT107	Private Pilot 1 Simulation Lab	0.5
FLGHT105	Private Pilot 1 Flight Lab	1
FLGHT108	Private Pilot 2 Ground School	2
FLGHT109	Private Pilot 2 Simulation Lab	0.5
FLGHT106	Private Pilot 2 Flight Lab	1.5
FLGHT113	Advanced Meteorology	2
FLGHT125	Commercial Pilot 1 Flight Lab	2
FLGHT111	Instrument Rating Ground School	4
FLGHT117	Instrument Rating Simulation Lab	0.5
FLGHT115	Instrument Rating Flight Lab	2
FLGHT121	Commercial Pilot Ground School	4
FLGHT126	Commercial Pilot 2 Flight Lab	2.5
FLGHT131	Flight Instructor Ground School	4
FLGHT135	Flight Instructor Flight Lab	1.5
Select one course:		
FLGHT102	Aviation History	2
FLGHT103	Careers in Aviation	2

General Education and Graduation Requirements: 28-36 units.

Units

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Total Units

60 - 68

Effective Term: Fall 2018

PID 698