

# Aviation Flight Technology

## Airline Transport Pilot (ATP) concentration

### Associate in Applied Science Degree

Program AVI.FLT.ATP.AAS  
CIP 490102



Students with an FAA Helicopter Commercial / Instrument Certificate should enroll in the Airline Transport Pilot (ATP) concentration.

The Airline Transport Pilot (ATP) concentration of the Aviation Flight Technology A.A.S. degree program completes the educational and flight training requirements for commercial/instrument rated helicopter pilots to be eligible for employment with a regional airline as a professional pilot.

#### PROGRAM OUTCOMES

- Obtain the appropriate ground and flight certificates;
- Eligibility for a position with a regional airline to begin their ATP training.

Along with proof of citizenship or Transportation Security Administration approval, enrollment in the flight program requires the student to possess an FAA commercial/instrument helicopter rating. Before flight training begins, an aviation medical will be required. Contact the aviation program coordinator for details.

Flight fees are required. AVI 216, 217, 250, and 251 are six-week courses; all others follow the standard semester schedule or may be taken online as applicable. Credit for prior experience will be evaluated by the program coordinator.

#### Curriculum

Code	Course (lecture/lab hours)	Credits
<b>FIRST SEMESTER</b>		
AVI 101	Aerospace Development (3/0)	3
AVI 216	Flight V (1/3) <sup>1</sup>	4
CSW 100	College Success and Personal Wellness (2/0)†	2
ENG 101	English Composition I (3/0)	3
MAT 135	Intermediate Algebra with Applications (4/0) <sup>2</sup>	4
<b>SECOND SEMESTER</b>		
AVI 105	Aviation Weather (3/0)	3
AVI 217	Flight VI (1/1) <sup>1</sup>	1
CMN 112	Public Speaking (3/0)	3
ENG 102	English Composition II (3/0)	3
MAT 146	Pre-Calculus (4/0) <sup>2</sup>	4
<b>THIRD SEMESTER</b>		
AVI 203	Aircraft Components (3/0)	3
AVI 250	Airline Transport Pilot (ATP) Prep I (2/6) <sup>1</sup>	6
PHY 101	College Physics I (3/3)	4
—	General Education elective <sup>3</sup>	3
<b>FOURTH SEMESTER</b>		
AVI 102	Aviation Transportation (3/0)	3
AVI 208	Aviation Seminar	1
AVI 215	Aerodynamics (2/2)	3
AVI 251	Airline Transport Pilot (ATP) Prep II (1/3) <sup>1</sup>	3
IST 101	Computer Concepts with Applications (2/2)	3
—	General Education elective <sup>4</sup>	3
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<sup>1</sup> Special fee required. Offered in six-week terms, hours to be arranged. Flight prerequisite courses are required to be completed before starting the next flight course. AVI 217 and 250 may be offered in the same semester since each is not a prerequisite for the other.

<sup>2</sup> Or higher-level mathematics course.

<sup>3</sup> Select course from either Social Science or Humanities general education categories.

<sup>4</sup> Select course from the following general education categories: Social Science, Humanities, Historical Perspective, Diversity and Global Perspective (PSY 101 recommended).

† Some exemptions apply. Consult academic advisor for details.

NOTE: Students must earn a minimum grade of C in AVI 215, 216, 217, 250, 251, and MAT 135 to graduate.