

JAMESTOWN COMMUNITY COLLEGE
State University of New York

Master Course Syllabus

Course Title: Commercial Pilot Flight I

Course Abbreviation and Number: AVN 1350

Credit Hours: 1.5 **Division:** STEM **Course Type:** Lecture/Lab

Course Description: Students will receive commercial flight training in accordance with Part 141, appendix D, of the Federal Aviation Regulations. FAA and college-approved instructors associated with local FAA-approved Fixed Base Operators (FBOs) conduct dual instruction and supervise solo flight. The course consists of a minimum of 49 hours of flight instruction along with briefing and other matters related to commercial piloting. The student will bear all expenses beyond the above flight and instructional time. This course is the first half of a training package (along with AVN 215) that prepares students for the FAA Commercial Pilot Practical Test ASEL (Airplane Single Engine Land).

Prerequisite: AVN 1140 and 1150, or Private Pilot Certificate; Corequisite: AVN 1340; Eligibility: ENG 1530; other: current FAA Third Class Medical Certificate.

Course Attributes: C,E

(C=Career, E=Elective, H=Humanities, L=Liberal Arts & Sciences, N=Mathematics/Sciences, S=Social Sciences, VEDP=Values, Ethics & Diverse Perspectives)
4-letter codes represent SUNY General Education Courses, please see below to determine which SUNY General Education requirement(s) is met.

Student Learning Outcomes:

These SLO's are from the FAA Code of Federal Regulations (CFR) § 61.127 Flight proficiency.

(a) General. A person who applies for a commercial pilot certificate must receive and log ground and flight training from an authorized instructor on the areas of operation of this section that apply to the aircraft category and class rating sought.

(b) Areas of operation.

1. For an airplane category rating with a single-engine class rating:

(i) Preflight preparation;

(ii) Preflight procedures;

(iii) Airport and seaplane base operations;

(iv) Takeoffs, landings, and go-arounds;

(v) Performance maneuvers;

(vi) Ground reference maneuvers;

(vii) Navigation;

(viii) Slow flight and stalls;

(ix) Emergency operations;

(x) High-altitude operations; and

(xi) Postflight procedures.

2. For an airplane category rating with a multiengine class rating:

(i) Preflight preparation;

(ii) Preflight procedures;

(iii) Airport and seaplane base operations;

(iv) Takeoffs, landings, and go-arounds;

(v) Performance maneuvers;

(vi) Navigation;

(vii) Slow flight and stalls;

(viii) Emergency operations;

(ix) Multiengine operations;

(x) High-altitude operations; and

(xi) Postflight procedures.

Additional Student Learning Outcomes that meet SUNY General Education Requirements:

Does this course meet a SUNY General Education requirement(s)? Yes No

Topical Outline: See Student Learning Outcomes above.

Signatures and Dates:

Discipline Director: Richard J. Rupprecht

Date: 08/25/09

Assistant Dean: 

Date: 11/30/2009

Academic Affairs: CR

Date: 11/30/2009

Effective Date: Fall 2009