

## Master Syllabus

### AVT 2258 - Flight Instructor Ground

**Division:** Science, Mathematics and Engineering

**Department:** Aviation Technology

**Credit Hour Total:** 4.0

**Lecture Hrs:** 4.0

**Prerequisite(s):** AVT 1110 AND AVT 1170 AND AVT 2250

**Other Prerequisite(s):** AND Approval of Department

**Date Revised:** May 2016

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### Course Description:

Prepares students with the knowledge necessary to complete the Federal Aviation Administration (FAA) Fundamentals of Instruction and Certified Flight Instructor knowledge exams. Topics include foundations of learning, communication process, the fundamentals of instruction, flight instructor responsibilities and professionalism, development of lesson plans and evaluations, logbook endorsements and review of private and commercial pilot aeronautical knowledge areas as it pertains to the FAA Certified Flight Instructor. Both fixed-wing and helicopter sections are offered.

### General Education Outcomes:

- ▣ Written Communication Competency
- ▣ Critical Thinking/Problem Solving Competency
- ▣ Values/Citizenship/Community Competency
- ▣ Information Literacy Competency
- ▣ Oral Communication Competency

### Course Outcomes:

#### Lesson Plans and Evaluation

Apply the fundamentals of instruction to develop lesson plans, evaluations, and assessments for private and commercial pilot flight students, including organizing material, typical steps in a ground training lesson and integrated methods.

**Assessment Method:** Behavioral observations

**Performance Criteria:** Mastery of competency at 100%

**Assessment Method:** Locally developed exams

**Performance Criteria:** 80% correct responses on exams

#### Endorsing Logbooks

Demonstrate how to endorse student logbooks according to the Federal Aviation Regulations.

**Assessment Method:** Locally developed exams

**Performance Criteria:** 80% correct responses on exams

**Assessment Method:** Oral examination

**Performance Criteria:** Mastery of competency at 100%

#### Foundations of Learning

Comprehend the foundations of learning and the art and science of teaching.

**Assessment Method:** Behavioral observations

**Performance Criteria:** Mastery of competency at 100%

**Assessment Method:** Locally developed exams

**Performance Criteria:** 80% correct responses on exams

#### Flight Instructor Responsibilities and Professionalism

Comprehend the responsibilities of an FAA Certified Flight Instructor.

**Assessment Method:** Behavioral observations

**Performance Criteria:** Mastery of competency at 100%

**Assessment Method:** Locally developed exams

**Performance Criteria:** 80% correct responses on exams

#### Practice Ground Instruction

Demonstrate the ability to conduct and adhere to a comprehensive lesson plan. Apply instructional knowledge and the principles of planning and organizing ground and flight training lessons for the Private and Commercial Pilot curriculum.

**Assessment Method:** Behavioral observations

**Performance Criteria:** Mastery of competency at 100%

**Assessment Method:** Locally developed exams

**Performance Criteria:** 80% correct responses on exams

#### Specialized Instruction

Demonstrate the ability to conduct and adhere to a comprehensive lesson plan. Apply instructional knowledge and the principles of planning and organizing ground and flight training lessons for specialized instruction, including flight reviews, proficiency checks, aircraft checkouts and transitions.

**Assessment Method:** Behavioral observations

**Performance Criteria:** Mastery of competency at 100%

**Assessment Method:** Locally developed exams

**Performance Criteria:** 80% correct responses on exams

**Outline:**

Foundations of learning  
Communication process  
Fundamentals of instruction  
Flight instructor responsibilities and professionalism  
Development of lesson plans, evaluations and assessments  
Logbook endorsements  
Aeronautical knowledge of Private/Commercial Pilot operations