

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

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