

Master Syllabus

AVT 1105 - Orientation to Aviation

Division: Science, Mathematics and Engineering

Department: Aviation Technology

Credit Hour Total: 2.0

Lecture Hrs: 2.0

Prerequisite(s): DEV 0012 OR DEV 0044OR DEV 0062

Date Revised: February 2014

Course Description:

Overview of aviation career specialties required for successful entry into aviation industry-related fields. Evaluation of career interests relative to the market for aviation opportunities. Guest lecturers and site visits will be used to illustrate the broad spectrum of aviation occupations available.

General Education Outcomes:

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

Course Outcomes:

Aviation career specialties

Understand tasks and functions performed by a variety of aviation career specialties.

Assessment Method: Portfolios

Performance Criteria:

40% or higher of available points on portfolio

Aviation career goal

Select an aviation career goal.

Assessment Method: Oral examination

Performance Criteria:

15% or higher of available points on oral presentation

Assessment Method: Portfolios

Performance Criteria:

40% or higher of available points on portfolio

Assessment Method: Written surveys and/or questionnaires

Performance Criteria:

35% or higher of available points on writing assignments

Career path

Develop a career plan that includes occupational interests, companies offering entry-level positions, courses and skills required, plans for developing skills following graduation.

Assessment Method: Oral examination

Performance Criteria:

15% or higher of available points on oral presentation

Assessment Method: Portfolios

Performance Criteria:

40% or higher of available points on portfolio

Assessment Method: Written surveys and/or questionnaires

Performance Criteria:

35% or higher of available points on written assignments

Outline:

Airline operations
General aviation operations
Aircraft manufacturing operations
Aircraft repair facilities
Government aviation agencies