

## Master Syllabus

### AVT 1140 - Introduction to Business Aviation

**Division:** Science, Mathematics and Engineering

**Department:** Aviation Technology

**Credit Hour Total:** 2.0

**Lecture Hrs:** 2.0

**Date Revised:** October 2012

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#### Course Description:

Overview of International Civil Aviation Organization (ICAO) definitions of aviation activities; definition of business and private aviation, reasons for using business aviation, the actual costs of use versus airlines and other modes of transportation, differences from job opportunities in other areas of aviation, opportunities for specific kinds of jobs from architect to aero engineering, discussions with professionals from the field.

#### General Education Outcomes:

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

#### Course Outcomes:

##### Definitions and reasons for business aviation

Demonstrate knowledge of the different kinds of worldwide aviation uses and where business aviation fits into that set of uses as well as the reasons business aviation continues to grow because of the real needs for its existence.

**Assessment Method:** Locally developed exams

**Performance Criteria:** 70% or higher correct response on all questions

##### Cost and benefits of business aviation

Demonstrate knowledge of the different costs, components of these costs, and off-setting benefits that explain the wide use and existence criteria for business aviation with a majority of the world's largest businesses.

**Assessment Method:** Locally developed exams

**Performance Criteria:** 70% or higher correct response on all questions

**Assessment Method:** Oral examination

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

##### Operational modes for business aviation

Demonstrate knowledge of the different modes of operation, the effects on costs, the components of these costs, and the benefits of that specific mode when compared to other modes.

**Assessment Method:** Locally developed exams

**Performance Criteria:** 70% or higher correct response on all questions

**Assessment Method:** Oral examination

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

#### Outline:

Types of aviation existing in the world  
Advantages of using business aviation compared to other modes  
Costs of business aviation (generic)  
The different vehicles used in business aviation, small to large  
The different types of uses and specific examples of services  
Job opportunities in business aviation  
Extreme variation of types of jobs available - aero engineer to chef  
The modes of practicing businesses - charter, management, owned  
How to examine and determine real costs  
Organizations associated with business aviation  
Manufacturers of business aviation vehicles  
Support and infrastructures required