



# Advanced Multi-Engine Operations

## AVIATN 4300

**Credit Hours:**

2.00 - 2.00

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**Course Levels:**

Undergraduate (1000-5000 level)

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**Course Components:**

Lecture  
Lab

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**Course Description:**

Introduction and consideration of Part 121 and 135 operations with a comprehensive study of the principles of advanced aircraft operations.

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**Prerequisites and Co-requisites:**

Prereq: Aviatn 4100.

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**Course Goals / Objectives:**

- Obtain knowledge regarding larger aircraft systems, engineering, performance, and operational capabilities.
  - Demonstrate scheduling awareness regarding aircraft consideration and selection.
  - Obtain knowledge of Multi-engine aerodynamics and performance
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**Course Topics:**

- Larger complex aircraft characteristics and systems
  - Specific aircraft systems
  - Complex aircraft performance and capabilities
  - Current issues and challenges
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**Designation:**

Elective