



# Air Transportation Analysis I

## AVIATN 4000

**Credit Hours:**

3.00 - 3.00

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**Course Levels:**

Undergraduate (1000-5000 level)

Graduate (5000-8000 level)

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**Course Components:**

Lecture

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**Course Description:**

Analysis of domestic and international air transportation systems and models. Particular focus on supply and demand components. Consideration of major industry segments, such as commercial, business, cargo, and general aviation.

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**Prerequisites and Co-requisites:**

Prereq: Aviatn 3000.

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**Course Goals / Objectives:**

- Provide working knowledge and understanding of the economics, economic issues, and current economic conditions of air transportation
  - Gain an understanding of international aviation protocols, precedents, and current conditions
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**Course Topics:**

- Aviation value benefits
  - Aviation economics
  - Aviation characteristics
  - Aviation demand, traffic and markets.
  - Aviation revenue and cost models
  - Aviation scheduling and measurements
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**Designation:**

Elective