



# Instrument Flight Fundamentals

## AVIATN 3100

**Credit Hours:**

3.00 - 3.00

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**Course Levels:**

Undergraduate (1000-5000 level)

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**Course Components:**

Lecture

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**Course Description:**

Study of flight by reference to instruments, IFR regulations, and procedures in the National Airspace System.

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**Prerequisites and Co-requisites:**

Prereq: A grade of B- or above in Aviatn 2100, 2101, and 2102.

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**Course Goals / Objectives:**

- Demonstration and understanding of instrument flight operations.
  - Develop a thorough knowledge of IFR flight regulations.
  - Develop a working knowledge of IFR charts and instrument procedures.
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**Course Topics:**

- Regulations and Airspace
  - NOTAMS and other flight publications
  - Meteorology, including stability, conditions, and hazards.
  - Flight instruments and navigational aids
  - Low Altitude and U.S. Terminal Procedures
  - Approaches and ILS
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**Designation:**

Elective