

AVIT110 : Aeronautical Knowledge

Introduces students to the basic knowledge necessary to function safely and competently in the flight environment. Topics include but are not limited to airplane components, aerodynamic principles of flight, aircraft instruments and systems, performance prediction and weight/balance control. This course also introduces students to the flight environment including airports, airspace, aeronautical charts, ATC services, navigation aids, VFR and IFR operations, approach and departure procedures, FAA regulations and the Airman's Informational Manual. Additionally, the course covers basic weather theory, weather forecasts and reports, pilotage, dead reckoning, communication procedures, flight planning, decision making, human factors and aviation physiology.

Credits 3

Lecture Hours 3

Lab/Clinical/Field Study Hours 0

Prerequisites

ENGLO80 and MATH074 or MATH099 or Placement test scores.