



THE OHIO STATE UNIVERSITY
COLLEGE OF ENGINEERING

Fundamentals of Aerodynamics

AEROENG 3560

Credit Hours:

3.00

Course Levels:

Undergraduate (1000-5000 level)

Course Components:

Lecture

Course Description:

Fundamentals of viscous and inviscid flow encountered in aircraft aerodynamics.

Prerequisites and Co-requisites:

Prereq: 2200 and 2405; and Math 2174, or 2568 and 2415; and enrollment as AeroEng-BS student.

Course Goals / Objectives:

- Fundamentals of the mathematical description of fluid motion, including conservation laws
- Enable students to use basic tools of aerodynamic analysis
- Train students to model and solve problem involving fluid flow

Course Topics:

Designation:

Required