

ME 5101: Elements of Aerodynamics

The standard atmosphere, two-dimensional incompressible flow, Reynolds and Mach number, generation of lift based on airfoil and wing platform characteristics, drag force, propulsive force, overall airplane performance, static stability and control.

Credits: 3.0

Prerequisites:

CEE 3500

(ME 3600 or CEE 3500) and ME 3100

Program: [Mechanical Engineering](#)