M E 401: Thermo-fluid Dynamics

Mechanical Engineering

The conservation equations and laws of thermodynamics are used in formulating and solving problems in compressible gas dynamics, reacting flows, boundary layers, heat transfer, and plasma dynamics.

3 Credits

Prerequisites

- Engr 321: Thermodynamics
- Pre-Requisite: 24 Earned Hours

One-way corequisites

- Engr 323: Fluid Mechanics

Instruction Type(s)

- Lecture: Lecture for M E 401

Subject Areas

- Engineering Physics/Applied Physics
- Aerospace, Aeronautical and Astronautical/Space Engineering

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