

## 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 323: Fluid Mechanics
- Engr 321: Thermodynamics
- Pre-Requisite: 24 Earned Hours

## Instruction Type(s)

• Lecture: Lecture for M E 401

## **Subject Areas**

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

