

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
- <u>Aerospace, Aeronautical and Astronautical/Space Engineering</u>

The University of Mississippi is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award certificates and baccalaureate, master's, specialist, and doctoral degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097, call 404-679-4500, or visit online at www.sacscoc.org for questions about the accreditation.

