

Engr 585: Mechanics of Composite Materials I

Development of constitutive laws governing the hygro-thermo-mechanical response of composite material systems. Micromechanical and macromechanical modeling, laminate theory, definition and comparison of failure criteria. Damage modeling and fatigue studies.

3 Credits

Prerequisites

• Pre-requisite: Engr 312 or Graduate Standing

Instruction Type(s)

Lecture: Lecture for Engr 585

Subject Areas

- Engineering, General
- <u>Civil Engineering, General</u>
- Mechanical Engineering

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.