

## 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.

## **Prerequisites**

• Pre-requisite: Engr 312 or Graduate Standing

## Instruction Type(s)

• Lecture: Lecture for Engr 585

## **Subject Areas**

- Engineering, General
- Civil Engineering, General
- Mechanical Engineering

