

## **Engr 585: Mechanics of Composite Materials I**

### **SCHOOL OF ENGINEERING**

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](#)
- [Civil Engineering, General](#)
- [Mechanical Engineering](#)

