

# **BME 444: Biomedical Systems and Controls**

## **Biomedical Engineering**

Analysis and lumped physical biomedical systems; stability analysis; complex plane, root locus for electrical, fluid, and mechanical systems; linear system transients, steady-state behavior; introduction to biomedical feedback control.

3 Credits

### **Prerequisites**

- [Math 353: Elementary Differential Equations](#)
- [Engr 360: Electric Circuit Theory](#)
- Pre-Requisite: 24 Earned Hours

### **Instruction Type(s)**

- Lecture: Lecture for BME 444

### **Subject Areas**

- [Bioengineering and Biomedical Engineering](#)

