

## **BME 301: Bioinstrumentation**

### **ELECTRICAL ENGINEERING**

Design and application of biomedical instrumentation. Topics include physiological measurements, biomedical measurements, electrodes, sensors, amplifiers, and imaging systems. Electrical safety in medical environments is also covered.

3 Credits

### **Prerequisites**

- [Engr 360: Electric Circuit Theory](#) (Minimum grade: C)
- [Csci 251: Programming for Engineering and Sciences](#) (Minimum grade: C)

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

- Lecture: Lecture for BME 301

### **Subject Areas**

- [Bioengineering and Biomedical Engineering](#)

