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

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

Instruction Type(s)

- Lecture: Lecture for BME 301

Subject Areas

- Bioengineering and Biomedical Engineering