

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



about the accreditation.