# BME 413: Biomedical Signal Processing
## Biomedical Engineering

Introduction to the electrocardiogram, electroencephalogram, electromyogram, and other diagnostic signals. Analysis of biomedical systems using both time-domain and frequency-domain techniques. Computer techniques for processing and analysis of biomedical signals. Practical applications in cardiac and neurological signal processing.

3 Credits

## Prerequisites

- Math 353: Elementary Differential Equations $target.descriptions.MinimumGrade$
- Pre-Requisite: 24 Earned Hours
- Csci 111 or Csci 251

## Instruction Type(s)

- Lecture: Lecture for BME 413

## Subject Areas

- Electrical and Electronics Engineering
- Bioengineering and Biomedical Engineering