## BMEN 5315 - Computational Methods in Biomedical Engineering

3 hours (2;3)

Introduction to practical computational methods for data analysis and simulation of biomedical systems and instrumentation. Topics covered include compartmental modeling, numerical analysis, FEA, and other techniques, as applied to examples from biomechanics, electrophysiology and other areas of biomedical engineering.

Prerequisite(s): Graduate standing or consent of instructor.

Meets with BMEN 4310.

Grad-Track course.

Course specific fees (in addition to tuition and mandatory):
Academic (AF) per hour: $73.70