New Time: BMEN 6500

Tissue and Molecular Engineering Laboratory

Instructor: Prof. Huang
Time/Credits: Tue 1:10-5:30, 4Pts
Prerequisites: BIOL C2005 and BIOL C2006 or permission of instructor

This course is a graduate-level introduction to techniques relevant to the biomedical researcher. Participants will perform hands-on experiments in various molecular and cellular techniques. This course will cover sterile technique, culture of mammalian cells, microscopy, basic subcloning and gel electrophoresis, and creation and mechanical stimulation of cell-seeded scaffolds. Background in the techniques will be provided. Laboratory notebook practice will be emphasized.