

Course Schedule - Spring 2008

Bioengineering

507 **Advanced Bioinstrumentation** credit: 4 hours.

Instrumentation and underlying theory employed in bioengineering. Concepts in the design and operation of sensors, fundamentals of optics, basic control theory and systems, digital components, and fundamental principles of medical imaging techniques. Specific knowledge of one biomedical instrument/system will be emphasized including detailed mathematical analysis. Prerequisite: BIOE 504.

CRN	Type	Section	Time	Days	Location	Instructor
49397	lecture-discussion	A	09:00 AM - 10:50 AM	TR		Bhargava, R
49397: This course is restricted to Bioengineering graduate students only and will meet in 3211 DCL.						