

Course Schedule - Fall 2006

Bioengineering

201 **Conservation Principles Bioeng** Credit: 3 hours.

Introduction to material, energy, charge and momentum balances in biological problems. Steady-state and transient conservation equations for mass, energy, charge and momentum will be derived and applied to mathematically analyze physiological systems using basic mathematical principles, physical laws, stoichiometry and thermodynamic properties. Prerequisite: CHEM 104, MCB 150, PHYS 212, and PHYS 213.

CRN	Type	Section	Time	Days	Location	Instructor
48270	lecture	A	10:00 AM - 11:30 AM	TR	room 1245 Digital Computer Laboratory	Bhargava, R
48270: This class is restricted to Bioengineering sophomores only.						