

Course Schedule - Fall 2006

Nuclear, Plasma, and Radiological Engineering

448 ***Nuclear Sys Eng and Design*** Credit: 3 hours.

Engineering principles that underlie nuclear systems designed with emphasis on nuclear power reactors. Materials for nuclear systems. Energy generation and removal in single- and two-phase flows. Reactor and component control systems and nuclear fuel reloading patterns. Prerequisite: NPRE 455, ME 300; MATH 241 (formerly MATH 243) or MATH 380; MATH 385.

CRN	Type	Section	Time	Days	Location	Instructor
30517	lecture-discussion	M	09:00 AM - 09:50 AM	MWF	room 203 Nuclear Engineering Lab	Jones, B