Course Schedule - Spring 2007

Aerospace Engineering

403 ***Spacecraft Attitude Control*** Credit: 3 or 4 hours.
Theory and applications of spacecraft attitude dynamics and control; Euler angles, direction cosines, quaternions, and Gibbs-Rodrigues parameters; attitude sensors and control actuators; spin, three-axis active, reaction wheel, control moment gyro, and gravity gradient control systems; environmental effects. 3 undergraduate hours. 3 or 4 graduate hours. Prerequisite: AE 352 and AE 353.

CRN	Type	Section	Time	Days	Location	Instructor
29973	lecture-discussion	A	12:30 PM - 01:50 PM	TR	room 225A Talbot Laboratory	Prussing, J