

MCHE 470: Robotics

Fall 2013 Schedule

Lecture: CLR 313, Tuesday & Thursday 4:30 – 5:45pm

Tentative Schedule:

	Tuesday		Thursday	
August	27	Course Overview and Intro	29	Arduino Intro 1
September	3	Arduino Intro 2	5	The Design Process 1
	10	The Design Process 2	12	Technical Communication
	17	Applied PID Control	19	PID Control for Vibration
	24	Command Generation	26	Input Shaping 1 - Basics
October	1	Input Shaping 2	3	Final Project Intro
	8	Video Lecture	10	Fall Break
	15	Mid Term	17	Sensors and Sensing
	22	Sensor Processing	24	Video Lecture
	29	Final Project Group Design	31	Machine Vision 1
November	5	Machine Vision 2	7	Navigation 1
	12	Prelim. Competition	14	Navigation 2
	19	Machine Learning 1	21	Final Competition
	26	Machine Learning 2	28	Thanksgiving Break
December	3	Human Factors 1	5	Human Factors 2
	Final Exam - TBD			

Revisions:

10/3/13 – Changed Mid-Term date

10/30/13 – Changed preliminary competition date