MECH410/520 Computer Aided Design (CAD)

Spring 2010

Laboratory and Project Schedule		
Laboratory 1	Design Modeling (10 days)	Jan 15 – Jan 26
Laboratory 2	Mechanical Assembly (10 days)	Jan 26 – Feb 5
Laboratory 3	Static Structural (and Thermal) Analysis (1 wk)	Feb 5 – Feb 12
Laboratory 4	Sensitivity Analysis and Design Optimization (1 wk + r.b.)	Feb 12 – Feb 26
Laboratory 5	Automated CNC Tool Path Genaration & Machining (1wk)	Feb 26 – Mar 5
Final Project	An Application of CAD/CAE/CAM System (3-4 wks)	Mar 5 – Mar 30
	Project Presentation (1:30 – 4:30 pm)	Mar 30, Tuesday
	Project Report	April 6, Tuesday
Assignments	Assigned in class & solution given	
Quiz 1	(1 lecture time, Course Outline Sections 1-7)	Feb 24
Quiz 2	(1 lecture time, Course Outline Sections 8-13)	March 31