

# ME 447 Introduction to CAD

Fall 2010 - Lab Schedule

**Professor:** Dr. Farid Amirouche

**T.A.'s:** Matthew Cantwell

**Text:** Pro Engineer Wildfire 4.0, Louis Gary Lamit, Thomson Publications.

<b>Date:</b>	<b>Material Covered:</b>	<b>Assignments:</b>	<b>Due:</b>
August 26	No Lab Scheduled		
September 2	Lab Room Introduction - Lessons 1, 2 • Overview ; Main Window / Help		
September 9	Lessons 3, 4 • Direct Modeling ; Extrusions	Homework 1	9/16
September 16	Lessons 5, 6 • Datums, Layers ; Revolved Features	Homework 2	9/23
September 23	Lesson 7, 8 • Feature Operations ; Assemblies	Homework 3	9/30
September 30	Lesson 9 • Exploded Assembly	Homework 4	10/7
October 7	Lessons 10, 11, 12 • Part Drawings ; Assembly Drawings		
October 14	Midterm Week		
October 21	Lessons 13, 14 • Patterns ; Blends	Homework 5	10/28
October 28	Lessons 15, 16, Project Requirements • Sweeps ; Helical Sweeps	Start Final Project	12/2
November 4	Introduction to Pro Mechanica • Stress Analysis		
November 11	Pro Mechanica / FE Analysis • Truss Modeling	Homework 6	11/18

November 18	Pro Mechanics / FE Analysis • Truss Analysis	Homework 7	In class
November 25	No Lab Scheduled - Thanksgiving		
December 2	No Lab Scheduled - <b>Final Projects Due!</b>		
December 9	Finals Week		

Note: All dates are tentative and subject to change based upon classroom performance.