

Solid Modeling 265.001 Spring 2010

<http://www.fetchboy.com/SolidWorks2010>

Version 12		Day	Assignment Topics	Chapters to read ahead and practice	Design Assignments (evaluated the next Tuesday in class unless otherwise noted)
1	1 Mar 2 April	Tues 30 Thurs 1	Introduction , Presentation, Website Intro to books and SW terminology, templates, Parts , Sketch, Extrude, Chamfer	SG Introduction, Lessons 1&2 ED Introduction, Project 1 through 1-64	SG tasks 5-8 ED Project 1 <i>Plate</i>
2	3 4	Tues 6 Thurs 8	Fillet, Shell, Dual Units, Linear Pattern, Hole Wizard	SG Lesson 3 ED Project 1, 1-86 through 1-102	SG <i>Tutor1</i> and task 2 page 40 <i>Door</i> (with extra credit) ED <i>Guide</i> , 1.8 <i>Axle</i> , 1.9 <i>Shaft Collar</i> , 1.10 and 1.11 <i>Flat Bars</i>
3	5 6	Tues 13 Thurs 15	Assemblies , Assembly Template, Mates, Degrees of Freedom, Explode Configuration, Revolve Feature, Smart Mates	SG Lesson 4 ED Project 2, skip Simulation	SG <i>Tutor2</i> and <i>Tutor Assembly</i> , <i>Mechanical Claw</i> ED <i>Guide Rod Assembly</i> , 2.2 <i>Weight Link...</i> 2.5 <i>Linkage...</i>
4	7 8	Tues 20 Thurs 22	Drawings Drawing Templates, Drawing Views, Edit Sheet Format, Design Logo Adding Dimensions, Cleaning up Dimensions, Exploded View, BOM	SG Lesson 6 ED Project 3,	SG <i>Tutor2</i> drawing, <i>Switchplate</i> drawing ED <i>Guide</i> drawing, <i>Guide Rod Exploded View</i> drawing
5	9 10	Tues 27 Thurs 29	Exam 1, 20 question exam, project with partial assembly YASWUG meeting in Yakima, carpooling, extra credit		Exam 10 points extra credit for attending, free pizza and prizes too
6	11 May 12	Tues 4 Thurs 6	<i>Threaded Fasteners Project</i> , Revolved Features, Sweep Cut Motion Studies	SG Lesson 9 ED 2.6	<i>Final Project Abstract</i> SG <i>Candle Stick (Fri)</i> , <i>Mug (Fri)</i> , Drawing <i>Mug (Fri)</i> , ED 2.6 <i>Motion Study</i>
7	13 14	Tues 11 Thurs 13	<i>Threaded Fastener Assignment</i> Sweep, Revolve and Loft Features	SG Lesson 10	<i>Threaded Fastener</i> assignment SG <i>Chisel</i> , <i>Bottle</i> , <i>Screwdriver</i> , ED 5.11 <i>Pulley Assembly</i>
8	15 16	Tues 18 Thurs 20	<i>Spur Gear Design</i> Assignment, more on sketching GD&T		<i>Spur Gear Design</i> assignment,
9	17 18	Tues 25 Thurs 27	GD&T, work on Exam and Final Project Exam 2, 20 question exam, project with final assembly		2 GD&T drawings, <i>Axle40</i> and <i>Bracket100</i> , <i>Final Project Drawings</i> Work on Final Project
10	19 June 20	Tues 1 Thurs 3	Work on Final Project Work on Final Project		Work on Final Project <i>Final Project Drawings</i>
Final	June	Tues 8	Final Project Presentations, 5 - 8pm		<i>Final Project</i> Presentations

 = recent changes

Schedule may change without notice

check this often for the latest updates

SG= Student's Guide to Learning SolidWorks Software

ED= Engineering Design Using SolidWorks 2009