


Solid Modeling ETSC 265, Winter 2018 - Meets at 1:00pm - 2:50pm, Monday, Wednesday and Friday in HT120 - Updated Tuesday 3/6/18

<http://edi3di.com/Instruction/2018-1-ETSC-265/>

Week	cls #	Day	Lecture, Video and Project Topics
1	1 Jan	W 3	<u>Introduction</u> , What is CAD? What is SolidWorks? SolidWorks Community - SolidWorks Sarrus Mechanism, Part Demo - Extrude Boss/Base Parts - Sketch Basics, Extrude, Shell, Sarrus Mechanism Demo, Mass Properties, FDP Proposals
	2	F 5	
2	3	M 8	Part projects review WDE - week 2 with FDP Proposal WDE follow up, Grade Sheet, Redo Procedures, WDE redos in class due by 5pm - email - markups in the box
	4	W 10	
	5	F 12	
3	6	M 15	MLK Holiday - No Class but study - Template part files, Mid Point Relation, Dangling Dimensions, More UI Tour, Suppress... Thin Feature, Contour Select, Freeform Sketch, Angle Dimension, Fillet, Chamfer, Patterns, Revolved Features, Mirror, Hole Wizard WDE - week 3
	7	W 17	
	8	F 19	
4	9	M 22	WDE follow up, Sketch and Feature Patterns, More Sketch Entities - Ellipse, Slots, Revolve Boss/Base (wheel), Sweeps (tubing) and Lofts (airfoils) WDE redos due beginning of class - email and markups, 3D Printer field day, Review WDE - week 4
	10	W 24	
	11	F 26	
5	12	M 29	WDE follow up, Sarrus Mechanism parts WDE redos due beginning of class - email and markups, WDE - week 5
	13 Feb	W 31	
	14	F 2	
6	15	M 5	SolidWorks World - Start Revolved Feature Image Contest using Photoview 360 - see videos - <u>Assemblies</u> , assembly template, Degrees of Freedom, Mates SolidWorks World - Continue Revolved Feature Image Contest using Photoview 360 - see videos - send part and image by midnight - no redos on this WDE - week 6 - Image Contest Forms , More on assemblies, Configurations, Tool Box (Fasteners), Smart Mates - FDP parts for assemblies next week
	16	W 7	
	17	F 9	
7	18	M 12	WDE follow up, more on assemblies, FDP assemblies, FDP toolbar demonstration discussion WDE redos due beginning of class - email and markups, WDE week 7
	19	W 14	
	20	F 16	
8	21	M 19	President's Day Holiday - No Class Spur Gear Design Assignment calculations, <u>Drawings</u> , Templates - Title Block - Logo, Views, Sheet Format, add Dims - Model items, Final Project Help More on drawings
	22	W 21	
	23	F 23	
9	24 Mar	M 26	WDE follow up, Spur Gear Design Assignment, FDP Toolbar presentation & discussion WDE redos due, WDE - week 9 with Toolbar Choice , Assembly drawing with BOM - Explode Configuration - Balloons WDE follow up, more on Drawings - GD&T
	25	W 28	
	26	F 2	
10	27	M 5	WDE follow up, FDP feedback and advice, FDP drawings, Exploded assembly drawing Work on FDP WDE - week 10 for FDP preliminary drawings, returned on Saturday CSWA Sample Exam
	28	W 7	
	29	F 9	
11	28	S 10	CSWA Exam, 10am - 1pm
Final	29	T 13	Noon to 2pm - FDP Presentations - Final Design Project Drawings and Models are due at the beginning of class

 = recent changes

 = no class

Schedule may change without notice

check back often for the latest updates, compare date version at top