

## CLASS SCHEDULE

### SYEN 2233. Solid Modeling and Design Dr. Andrew B. Wright

<b>Wk</b>	<b>Date</b>	<b>Lecture Topic</b>	<b>Homework and Lab Problems Assigned</b>
1	1/15	Course layout	Tutorials: Lesson 1, Lesson 2, Lesson 3, Intro to Solidworks, Advanced Drawing, Fillets
2	1/22	Engineering Communication	Chapter 1, P1.1, P1.2, P1.3, P1.4, P1.5, P1.8, P1.10, P1.11
3	1/29	Engineering Drawing	Chapter 2, P2.1, P2.2, P2.4, P2.8
4	2/5	Design Intent and Critical Information; Design Parameters	Chapter 3, P3.2,P3.3,P3.4,P3.5, P3.8,P3.9
5	2/12	Sketching and Prototyping	Chapter 4, P4.1,P4.3,P4.6, P4.7,P4.9,P4.10, P2.1-2.8 Redo
6	2/19	Dimensioning	Chapter 5, P5.1, P5.2, P5.7, P5.10, P5.11
7	2/26	Tolerances in Design	Chapter 6, P6.3, P6.4, P6.11, P6.14, P6.15, P6.17
8	3/5	Tolerances in Design	Chapter 7, P7.1, P7.2, P7.4, P7.5 Make an engineering drawing from the shaft designed in P7.5 and include tolerances on the part of the shaft that inserts into the bearing.
9	3/12	Fasteners	CAD Exam, Thursday, 3/14
10	3/19	<b>SPRING BREAK!!!!</b>	
11	3/26	Fasteners	Chapter 8, P8.3
12	4/2	Hole Specification	Chapter 11, P11.5, P11.7
13	4/9	Hole Specification	Chapter 12, P12.2, P12.4
14	4/16	File Formats and Standards	Chapter 13
15	4/23	Finite Element Integration	No new assignments.
16	4/30	Geometric Tolerances	No new assignments.
17	5/7/12	Consultation Day, No class	
Final Project due at conclusion of Final Exam Period ...			

Assignments are made on the Tuesday in the schedule and are due the following Tuesday at the beginning of class, when work will be checked. Assignments delivered after this time will be assessed .8 points instead of 1 point.