

# ENGR 0011 – Fall 2018 Schedule

Week #	Date	What You Will Learn	HW Due	Quizzes
1	08/28 (P)	<i>(Read Sections 2.1-2.4 before class)</i> <ul style="list-style-type: none"> <li>Course information</li> </ul>		
	08/30 (W)		Complete CATME survey	
2	09/04	<i>(Read Sections 2.5 and 1.1-1.2 before class)</i> <ul style="list-style-type: none"> <li>Review absolute and relative addressing</li> <li>Review file management commands</li> <li>Pico</li> <li>Additional Unix commands (csh, cal, date, more, pg, spell, finger...)</li> <li>Intro to Excel, formatting</li> <li>Basic math operations in Excel (+ - * / =)</li> <li>Absolute and relative addressing in Excel</li> </ul>	HW 1 due	
	09/06 (T)		Writing Assignment 1 due Teamwork 1: Pre-Work completed	Quiz 1
3	09/11	<i>(Read Sections 1.3-1.5 before class)</i> <ul style="list-style-type: none"> <li>Built-in functions (sum, average, convert)</li> <li>Sorting data</li> <li>Vlookup, filtering, pivot table</li> <li>Conditional formatting</li> <li>Plotting (bar graphs and formatting)</li> <li>Solving equations with graphical approach</li> <li>Goal Seek</li> </ul>	HW 2 due	
	09/13 (W)			Quiz 2
4	09/18	<i>(Read Sections 1.7 before class)</i> <ul style="list-style-type: none"> <li>Trendlines (linear, quadratic)</li> <li>Exponential and logarithmic functions</li> <li>Semilog and loglog plots</li> <li>Error analysis, least squares, and R<sup>2</sup></li> </ul>	HW 3 due	
	09/20 (W)			Quiz 3
5	09/25	<i>(Read Sections 1.8-1.9 before class)</i> <ul style="list-style-type: none"> <li>Matrices</li> <li>Linear algebra</li> <li>Using matrices to solve systems of equations</li> </ul>	HW 4 due	
	09/27			Quiz 4
6	10/02 (T)	<i>(Read Sections 1.10-1.11 before class)</i> <ul style="list-style-type: none"> <li>Basic stats and statistical operations (mean, median, mode, min, max, variance, standard deviation)</li> <li>Histograms</li> <li>Logic (if statements, AND, OR, countif)</li> <li>Working with text (concatenate, len, trim, upper, lower, left, right, mid, find)</li> </ul>	HW 5 due Teamwork 2: Pre-Work completed	
	10/04 (P)		Writing Assignment 2 due	Quiz 5
7	10/09	<i>(Review Sections 1.1-1.11 before class)</i> <ul style="list-style-type: none"> <li>Complete Excel</li> <li>Review</li> </ul>	HW 6 due	
	10/11			Quiz 6
8	10/16	No Class – Monday classes are taught today		
	10/18	Computer midterm		

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9	10/23	No class – Written midterm (evening) <b>7pm-9pm in Lawrence Hall 120 and 121</b>	Project 1 due	
	10/25 <b>(W)</b>	<b>(Note: Last day to drop 10/26)</b> (Read Sections 3.1-3.8 before class) <ul style="list-style-type: none"> <li>Putting files online (Unix review, WinSCP, Putty, Terminal)</li> <li>Basic html tags (head, title, body,...)</li> <li>Lists</li> <li>Blockquote, address, lines and line breaks (br, hr), preformatted text</li> <li>Character formatting (bold, italics, font)</li> <li>Escape sequences</li> <li>Color</li> </ul>		
10	10/30	(Read Sections 3.9-3.11 before class)	HW 7 due	
	11/01	<ul style="list-style-type: none"> <li>Linking (anchor tags, href)</li> <li>Linking to different documents</li> <li>Linking to sections in the same document</li> <li>Images</li> </ul> Intro to tables	Writing Assignment 3 due	Quiz 7
11	11/06	(Read Sections 3.11-3.13.7 before class)	HW 8 due	
	11/08 <b>(W)</b>	<ul style="list-style-type: none"> <li>Tables</li> <li>Frames</li> <li>Intro to JavaScript</li> </ul>		Quiz 8
12	11/13	(Read Sections 3.13.8-3.13.18 before class) <ul style="list-style-type: none"> <li>Intro to operations (var, +, -, *, /, %)</li> </ul>	HW 9 due	
	11/15	<ul style="list-style-type: none"> <li>Controlling direction in a script</li> <li>Using loops</li> </ul>		Quiz 9
13	11/20	(Read Sections 3.13.19-3.14 before class) <ul style="list-style-type: none"> <li>Functions</li> <li>Forms</li> </ul>	Writing Assignment 4 due	
	11/22	No Class – Happy Thanksgiving!		
14	11/27 <b>(P)</b>	(Read Sections 3.13.19-3.14) <ul style="list-style-type: none"> <li>Functions</li> </ul>		
	11/29 <b>(T)</b>	<ul style="list-style-type: none"> <li>Forms</li> </ul>	HW 10 due Teamwork 3: Pre-Work completed	Quiz 10
15	12/04	(Review Sections 3.1-3.14) <ul style="list-style-type: none"> <li>Complete html</li> <li>Review</li> </ul>	Project 2 due	
	12/06	Computer Final		
16	12/13	Written Final <b>8am-10am in Lawrence Hall 120 and 121</b>		

Note: Schedule is subject to change

**(W): Writing instructors**

**(T): Teamwork unit**

**(P): Professional integrity unit**