

Engineering 101, Winter '05, Prof. Brehob

Date	#	Topic	Reading	Assignment
5-Jan	1	Intro to course; variables, output, assignment	1, 2.1, 2.2	
7-Jan	2	If/else, input, while, data types	2.2, 2.3, 2.4	
10-Jan	3	Functions	3.1-3.5	
12-Jan	4	More functions	3.1-3.5	HW1 due (Thursday noon)
14-Jan	5	Arrays, review	10.1	
17-Jan		MLK		
19-Jan	6	More arrays, functions and arrays	10.2 10.3	Project 0 due
21-Jan	7	structures	6.1	
24-Jan	8	How to code		QUIZ 1
26-Jan	9	Multi-diminsional arrays	10.5	
28-Jan	10	How to code		Project 1 due
31-Jan	11	C and C++ strings	11.1-11.2 (parts)	HW2 due (noon)
2-Feb	12	File I/O	5.1-5.3	
4-Feb	13	Misc. language: for loops, auto inc, etc.	4, 7	Project 2 due
7-Feb	14	How to code		HW3 due
9-Feb	15	EXAM 1 -- Febuary 10th	1,2,3,4,5.1-5.3 6.1,7,10.1,10.5 11.1,11.2	EXAM 1
11-Feb	16	<i>Project "A" overview</i>		
14-Feb	17	Data types in detail	Appendix 3	
16-Feb	18	Data types in detail	see website	
18-Feb	19	Computer Organization	see website	
21-Feb	20	Matlab I	on-line "text"	
23-Feb	21	Matlab II	on-line "text"	
25-Feb	22	2's complement, Matlab, etc.	see website	Project A due
28-Feb		BREAK		
2-Mar				
4-Mar				
7-Mar	23	<i>Project "B" overview</i>		
9-Mar	24	Classes I	5.4, 6	HW4 due
11-Mar	25	Classes II	6, 10.4	
14-Mar	26	Classes III	11	<i>Practical 1 due (Sunday)</i>
16-Mar	27	How to code		QUIZ 2
18-Mar	28	Data structures I	handouts	
21-Mar	29	Data structures II	handouts	
23-Mar	30	Data structures III	handouts	
25-Mar	31	How to code		Project B due
28-Mar	32	<i>Project "C" overview</i>		HW5 due
30-Mar	33	EXAM 2 -- March 30		EXAM 2
1-Apr	34	Pointers	12.1 12.2	
4-Apr	35	Advanced Matlab	handouts	
6-Apr	36	Advanced Matlab	handouts	
8-Apr	37	Advanced Matlab	handouts	
11-Apr	38	TBD		
13-Apr	39	TBD		Project C due
15-Apr	40	TBD		HW6 due
18-Apr	41	review		<i>Practical 2 due (Sunday)</i>

Midterms are in the evenings. On exam days, the class is cancelled, but I will be in the classroom to answer questions.