ENG EK 340
Introduction to C Programming for MATLAB Programmers
Spring 2020

SYLLABUS

Date	Topics
	Week # 1
1/27	Intro to C; Programs with Output (1A: Sec 1.1)
	Week # 2
2/3	*Last day to add a course*
2/3	Input; Buffers; Selection Statements (1B: Sec 1.2-1.3, 2A: Sec 2.1-2.2)
	Week # 3
2/10	Loops; Error-checking; File I/O (2B: Sec 2.3-2.4)
	Week # 4
2/17	*Holiday; No Classes*
2/18	*Monday Schedule at BU* ; Introduction to Data Structures: Arrays, Strings (3A: Sec 3.1-3.2)
	Week # 5
2/24	Structures; Typedef; Arrays of Structures; Nested Structures (3B: Sec 3.3)
2/25	*Last day to drop a course (without a "W")*
	Week # 6
3/2	Functions that return; Program Organization; void Functions; Scope (4A : Sec 4.1-4.6)
3/7-3/15	**Spring Break; No Classes**
	Week # 7
3/16	Pointers; Call-by-reference (4B: Sec 4.7)

Week # 8

3/23 Dynamic Memory Allocation (5A: Sec 5.1)

Week # 9

3/30 Introduction to Linked Lists (5B: Sec 5.2.1-5.2.3)

4/3 *Last day to drop a course (with a "W")*

Week # 10

4/6 Common Operations on Linked Lists (5C: Sec 5.2.4)

Week # 11

4/13 Modular Linked List Program (5D: Sec 5.2.5)

Week # 12

4/20 *Holiday; No Classes*

4/22 *Monday Schedule at BU*; Modular Linked List Program: Continuation

Week # 13

4/27 Project Due

4/30 *Last Day of Classes*