Csci 235 Syllabus

Required Reading

The following table outlines the topics that we will cover during the semester. You are expected to read the material in the given chapter before the class in which it is covered. You do not have to read every single example in a chapter if the first example clarifies the concept for you. Even though you are required to read a chapter, we may not cover all of the topics at length in class. That does not excuse you from doing the reading, as the material might appear on an exam.

Class	Date	Chapter Covered	Comments
1	8/29	1 Administrative business/ Software Engineering/UML	§1.1
2	9/9	1 Software Engineering/UML	§1.2, §1.3
3	9/12	3 Data Abstraction	§3.1, 3.2, 3.3
4	9/16	2 Recursion	§2.1, 2.2
5	9/19	2 Recursion	§2.3, 2.4
6	9/23	5 Backtracking and Divide & Conquer	§5.1, 5.3 (skip §5.2)
7	9/26	8 Advanced Class Relationships	§8.1, 8.2
8	9/30	8 Advanced Class Relationships	§8.3 - 8.5
9	10/3	Exam 1	
10	10/7	4 Linked Lists	§4.1
11	10/10	4 Linked Lists	§4.2
12	10/15	4 Linked Lists	§4.3
13	10/17	4 Linked Lists	§4.5
14	10/21	6 Stacks	§6.1, 6.2
15	10/24	6 Stacks	§6.3, 6.4
16	10/28	7 Queues	§7.1, 7.2
17	10/31	7 Queues	§7.3
18	11/4	9 Algorithm Efficiency/Sorting	§9.1
19	11/7	Exam 2	
20	11/11	9 Algorithm Efficiency/Sorting	§9.2
21	11/14	9 Algorithm Efficiency/Sorting	§9.2
22	11/18	10 Trees	§10.1
23	11/21	10 Trees	§10.2
24	11/25	10 Trees	§10.3
25	12/2	10 Trees	§10.3
26	12/5	Event Driven Programming	external material
27	12/9	Secure Programming	external material
28	12/12	TBD	