

CSIT 254-51X Data Structures CRN 17206

Fall 2019

Class Schedule 0.0

Tuesday 5:30 pm-10:15 pm West Building W310

Version

- Version 0.0 - 9/3/2019 - First Release

Consult the syllabus for Grade Determinants (what everything is worth), Late Policy, and Cheating Policy (don't cheat)

Class Schedule

Week #	Date Tues	Topic(s) (pdfs of slides in Canvas)	Work Due (details in Canvas)
1	9/3	Course Overview Ch 2 Classes	9/3 Prog Lab 01 Writing a Class
2	9/10	Ch 1 Run-Time Analysis	9/10 Data Struc. Lab 01 Run-Time <i>Hw 1-Classes</i> Prog Lab 02 Java Review
3	9/17	Ch 3 Collection Classes	9/17 <i>Hw 2-Big-O()</i> Prog Lab 03 Generic
4	9/24	Ch 4 Generic Linked Lists (Singly-Linked)	9/24 Data Struc. Lab 02 Singly-Linked List <i>Hw 3-Collection Classes</i> Project 01 - Class
5	10/1	Ch 4 cont. (Doubly-Linked)	10/1 Data Struc. Lab 03 Doubly Linked List <i>Hw 4-Linked Lists</i> Prog Lab 04 Linked Lists
6	10/8	Ch 5 Writing Generic Classes	10/8 Prog Lab 05 Generic Linked Lists
7	10/15	5:30 - 6:15 Lecture Ch 6 Stacks Ch 7 Queues 6:30-7:30 Midterm Exam (15%) 7:30-10:15 Lab Time	10/15 <i>Hw 5-Generic Classes</i> Data Struc. Lab 04 Stacks Data Struc. Lab 05 Queues

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8	10/22	Ch 8 Recursion and Merge Sort	10/22 Data Struc. Lab 06 Recursion Prog Lab 06 Stacks/Queues <i>Hw 6-Stacks/Queues</i>
9	10/29	Ch 9/10 Binary Search Trees	10/29 Data Struc. Lab 07 Trees P1 <i>Hw 7-Recursion</i> Project 02 - Linked List of Objects
10	11/5	Ch 9/10, cont.	11/5 Data Struc. Lab 08 Trees P2 <i>Hw 8-Trees</i> Prog Lab 07 Trees
		Note: 11/8 last day to drop	
11	11/12	Ch 14 Graphs	11/12 Data Struc. Lab 09 Graph Project 3 - Queues
12	11/19	Ch 14, cont.	11/19 <i>Hw 9-Graphs</i> Prog Lab 08 Graphs
13	11/26	Ch 11/12 Sort/Search - Hash	11/26 Data Struc. Lab 10 Hash
		<i>Note: Thanksgiving 11/28</i>	
14	12/3	Lab time for last project	12/3 <i>Hw 10-Sort/Search/Hash</i> Project 4 - Using Multiple Data Structures
	12/10	<i>No Class - Reading Day</i>	
		Final Exam period 12/11 - 12/17	
	12/17	Final Exam (25%)	12/17

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