CSIT 254-51v Data Structures CRN 17206
Fall 2020
Class Schedule 0.2 (draft)

Tuesday 5:30 pm-10:15 pm "Remote Sync"

Version
- Version 0.2 - 8/23/2020 - still a draft, but published
- Version 0.1 - 8/17/2020 - Topics/assignments added
- Version 0.0 - 8/16/2020 - just shell of dates

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

Class Schedule

Week #	Date Tuesday	Topic(s) (pdfs of slides in Canvas)	Work Due Tuesday (details in Canvas)
		9/7 College closed - Labor day	
1	9/8	Course Overview Ch 2 Classes	9/8 Data Struc. Lab for Ch 02 Designing a Class (UML) ***prepare computers with Java JDK and NetBeans (test with Hello World)***
2	9/15	Ch 1 Run-Time Analysis	9/15 *Hw for Ch 2-Classes* Data Struc. Lab for Ch 01 Run-Time **Prog Lab for Ch 02** Writing a Class
3	9/22	Ch 3 Collection Classes	9/22 *Hw for Ch 1-Big-O()* **Prog Lab for Ch 03** Collection Class - StringBag
4	9/29	Ch 4 Generic Linked Lists (Singly-Linked)	9/29 *Hw for Ch 3-Collection Classes* Data Struc. Lab for Ch 04 A Singly-Linked List **Prog Lab for Ch 04 A** -StringNode for Singly Linked

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			Lists **Project 01 - Class**
5	10/6	Ch 4 cont. (Doubly-Linked)	10/6 Hw for Ch 4-Linked Lists Data Struc. Lab for Ch 04 B Doubly Linked List **Prog Lab for Ch 04 B** Singly Linked Lists
6	10/13	Ch 5 Writing Generic Classes	10/13 **Prog Lab for Ch 05** Generic Doubly Linked Lists
7	10/20	**Midterm Exam (15 %)** Ch 6 Stacks Ch 7 Queues	10/20 **Midterm Exam (15%)** *Hw for Ch 5-Generic Classes* Data Struc. Lab for Ch 05 Stacks Data Struc. Lab for Ch 06 Queues
8	10/27	Ch 8 Recursion and Merge Sort	10/27 *Hw for Ch 6/7-Stacks/Queues* Data Struc. Lab for Ch 07 Recursion **Prog Lab for Ch 06/07** Stacks/Queues
9	11/3	Ch 9/10 Binary Search Trees	11/3 *Hw for Ch 8-Recursion* Data Struc. Lab for Ch 09/10 A Trees P1 **Prog Lab for Ch 09/10 A** - BSTNode for Binary Search Trees **Project 02 - Linked List of Objects**
10	11/10	Ch 9/10 cont	11/10 *Hw for Ch 9/10-Trees*

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			Data Struc. Lab for Ch 09/10 B Trees P2 **Prog Lab for Ch 09/10 B** - Binary Search Trees
		Note: 11/13 last day to drop	
11	11/17	Ch 14 Graphs	11/17 *Hw for Ch 14-Graphs* Data Struc. Lab for Ch 14 Graph **Prog Lab for Ch 014 8 A** Graphs Pt 1
12	11/24	Ch 14 cont	11/24 **Project 3 - Queues**
		Note: Thanksgiving 11/26	
13	12/1	Ch 11/12 Sort/Search - Hash	12/1 Data Struc. Lab for Ch 11/12 Hash **Prog Lab for Ch 14 B** Graphs pt 2
14	12/8	*Lab Time for last project*	12/8 *Hw for Ch 11/12-Sort/Search/Hash* **Project 4 - Using Multiple Data Structures**
	12/15	**No class - Reading Day**	12/15
		Note: Final Exam period 12/16 - 12/22	
	12/22	**6:00 - 8:00 Final Exam (25%)**	12/22 **Final Exam (25%)**

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