

CISY 254-52x Data Structures CRN 24023

Spring 2019

Class Schedule 0.2

Section Info:

Section 52x - CRN 24023

Wednesday 5:30 pm - 10:15 pm West Building W309

Version

- Version 0.2 - 2/28/2019 - changes to reflect no class on 2/20
- [Version 0.1 - 2/12/2019 - Postponed Project 1, removed extra 'cont.' topics](#)
- Version 0.0 - 1/22/2019 - First Release

Consult syllabus for Grade Determinants (what everything is worth), Late Policy (-10 pts calendar day, max 7 days), Cheating Policy (don't cheat), and Life Happens Policy (1 "Life Happens" for each category: Lab, Hw, Project, no "Life Happens" after x/y)

Class Schedule

Week #	Date Wed	Topic(s) (pdfs of slides in Canvas)	Work Due (details in Canvas)
1	1/23	Course Overview Ch 2 Classes	1/23 Prog Lab 01 Writing a Class
2	1/30	Ch 1 Run-Time Analysis Ch 3 Collection Classes	1/30 Data Struc. 01 Lab Run-Time <i>Hw 1-Classes</i> Prog Lab 02 Java Review
3	2/6	Ch 5 Writing Generic Classes	2/6 <i>Hw 2-Big-O()</i> Prog Lab 03 Generic
4	2/13	Ch 4 Generic Linked Lists (Singly-Linked)	2/13 Data Struc. Lab 02 Singly-Linked List <i>Hw 3-Generic</i>
5	2/20	No class - snow	2/20

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6	2/27	Ch 4 Generic Linked Lists (Doubly-Linked) Ch 6 Stacks Ch 7 Queues	2/27 Data Struc. Lab 03 Doubly Linked List Data Struc. Lab 04 Stacks <i>Hw 4-Linked Lists</i> Prog Lab 04 Generic Linked Lists Project 1 - Class
7	3/6	Midterm Exam (15%) Ch 6/7, cont.	3/6 <i>Hw 5-Stacks/Queues</i> Data Struc. Lab 05 Queues
	3/13	No class - Spring Break	
8	3/20	Ch 8 Recursion and Merge Sort	3/20 Data Struc. Lab 06 Recursion Prog Lab 05 Stacks/Queues
9	3/27	Ch 9/10 Binary Search Trees	3/27 Data Struc. Lab 07 Trees P1 <i>Hw 6-Recursion</i> Project 2: Linked List of Objects
10	4/3	Ch 9/10, cont.	4/3 Data Struc. Lab 08 Trees P2 <i>Hw 7-Trees</i> Prog Lab 06 Trees
		Note: 4/8 last day to drop	
11	4/10	Ch 14 Graphs	4/10 Data Struc. Lab 09 Graph Project 3: Queues
12	4/17	Ch 14, cont.	4/17 <i>Hw 8-Graphs</i> Prog Lab 07 Graphs

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13	4/24	Ch 11/12 Sort/Search - Hash	4/24 Data Struc. Lab 10 Search
14	5/1	Lab time for last project	5/1 <i>Hw 9-Sort/Search/Hash</i> Project 4
	5/7	Note: 5/7 is Reading Day	
		Final Exam period 5/8 - 5/14	
	5/8	6:00-8:00 Final Exam (25%)	5/8 6:00-8:00 Final Exam

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