

CISY 254-51X Data Structures CRN 15638

Fall 2018

Class Schedule 0.6

Section Info:

Section 51x - CRN 15638

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

Version

- Version 0.6 - 11/27/2018 - changed topics of Project 3/4
- [Version 0.5 - 11/19/2018 - postponed Proj 2, PL 07, PL 08, Project 3](#)
- [Version 0.4 - 11/12/2018 - changes to reflect no class 10/30](#)
(and fixed spelling error on next line)
- [Version 0.3 - 10/17/2018 - changes to reflect no class 10/16](#)
- [Version 0.2 - 8/29/2018 - moved Project 4 to 12/11 Reading Day](#)
- Version 0.1 - 8/29/2018 - filled in topics
- Version 0.0 - 7/23/2018 - Empty Grid

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: Labs, Homework, Project, no "Life Happens" after 11/27)

Note: DS Labs are paper-based labs; PL Labs are programming Labs

Class Schedule

Week #	Date Tues	Topic(s) (pdfs of slides in WebStudy)	Work Due (details in Canvas)
1	9/4	Course Overview Java review (Classes continued)	9/4 PL Lab 1 - Review
2	9/11	Searching and Sorting Algorithms Big O notation	9/11 <i>Hw 1 - Review</i> DS Lab - Big O PL Lab 2 - Searching/Sorting
3	9/18	Generics	9/18 <i>Hw 2 - Big O</i> PL Lab 3 - Generic Project 1 - Your Class
4	9/25	Linked Lists (singly)	9/25 <i>Hw 3 - Generic</i> DS Lab - Singly Linked Lists PL Lab 4 - Singly Linked Lists

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Week #	Date Tue	Topic(s) (pdfs of slides in WebStudy)	Work Due (details in WebStudy)
5	10/2	Linked Lists (doubly), Stacks (using Linked Lists), Queues (using Linked Lists)	10/2 DS Lab - Doubly Linked Lists
6	10/9	Recursion	10/9 <i>Hw 4 - Linked Lists</i> DS Lab - Recursion PL Lab 5 - Recursion
7	10/16	no-class	10/16 - n/a
8	10/23	Trees	10/23 <i>Hw 5 - Recursion</i> DS Lab - Tree - Add PL Lab 6 - Stacks
9	10/30	no-class	10/30 - n/a
10	11/6	5:30-6:45 Trees, cont. 7:00-8:00 Midterm Exam (15%) 8:00-10:15 Lab Time	11/6 Midterm
11	11/13	Balanced Trees Graphs	11/13 <i>Hw 6 - Trees</i> DS Lab - Tree - Remove DS Lab - Graphs
		Note: 11/9 last day to drop	
12	11/20	Graphs, cont.	11/20 <i>Hw 7 - Graphs</i> Project 2 - Linked List of Your Class
13	11/27	Hash Tables	11/27 PL Lab 7 - Trees Pt 1 DS Lab - Hash
14	12/4	Lab Time for last project	12/4

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	12/11	No class - Reading Day	12/11 Project 3 - Graphs Project 4 - Trees Pt 2
		Final Exam period 12/12 - 12/18	
	12/18	Final Exam (25%)	12/18 Final Exam

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