

CISY 254-51x Data Structures CRN 32753

Summer 2018

Class Schedule v0.4

Section Info: Monday/Thursday 6:00 pm - 9:30 pm West Building W213

Versions:

- Version 0.4 - 7/29/2018 - Changes to week of 7/30 and 8/6
- Version 0.3 - 7/22/2018 - Project 2 delayed to 7/23 and Lab 8 combined with Lab 9 and moved to 7/26
- Version 0.2 - 7/12/2018 - changes because of AC related delays
- Version 0.1 - 5/19/2018 - fixed homework numbering and changed 7/13 to 7/12
- Version 0.0 - 5/18/2018 - 1st draft

See Canvas for Assignment Details: Homework (10%) / Data Structure Labs (10%) Programming Labs (20%) & Programming Projects (20%)

Submit assignments via assignment in Canvas. If it is down, email to stephen.brower@raritanval.edu

Week	Mon Thur	Topic(s) for Week	Work Due (Monday)	Work Due (Thursday)
1	6/12 6/14	Course Overview Ch 2 Classes Ch 1 Run-Time Analysis	6/11: Prog Lab Writing a Class	6/14: <i>Data Struc. Lab Run-Time</i> Prog Lab Java Review
2	6/18 6/21	Ch 3 Collection Classes Ch 4 Linked Lists	6/18: Hw 1-Classes, Big-O() <i>Data Struc. Lab Collection</i> Prog Lab Collection	6/21: <i>Data Struc. Lab Linked List</i> Prog Lab Linked Lists
3	6/25 6/28	Ch 4 Linked Lists, continued (Doubly Linked) Ch 5 Writing Generic Classes	6/25: Hw 2-Linked Lists <i>Data Struc. Lab Doubly Linked List</i> Project 1 - Class	6/28: Prog Lab Generic Linked List
	7/2 7/5	No academic classes 7/1-7/8 College Closed 7/4 & 7/5		

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4	7/9 7/12	Ch 6 Stacks Ch 7 Queues Midterm (15%)	7/9: Hw 3-Generic <i>Data Struc. Lab Stacks</i>	7/12: <i>Data Struc. Lab Queues</i> Midterm (15%)
5	7/16 7/19	Ch 8 Recursion and Merge Sort Ch 9/10 Trees	7/16: Hw 4-Stacks/Queues <i>Data Struc. Lab Recursion</i> Prog Lab Stacks Prog Lab Queues	7/19: <i>Data Struc. Lab Trees P1</i>
6	7/23 7/26	Ch 9/10 Trees, continued	7/23: Hw 5-Recursion <i>Data Struc. Lab Trees P2</i> Project 2: Linked List of Objects	7/26: Prog Lab Trees part 1 and part 2 combined
		Note: 7/31 is last day to withdraw		
7	7/30 8/2	7/30: Ch 14 Graphs pt 1 8/2 Ch 11/12 Sort/Search Pt 1	7/30: Hw 6-Trees	8/2: Project 3 - Simulation using Queues

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8	8/6 8/9	8/6: Ch 14 Graphs pt 2 8/9 Ch 11/12 Sort/Search Pt 2	8/6: <i>Data Struc. Lab Graph (adjacency matrix)</i> Prog Lab Graphs	8/9: <i>Data Struc. Lab Search</i>
9	8/13 8/16	Lab time for Last Project 8/16 - Final Exam (25%)	8/13: Hw 7-Graphs Hw 8-Sort/Search <i>Project 4 - potpourri</i>	8/16: Final Exam (25%)

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