

**CISY 254-51X Data Structures CRN 15638**

**Fall 2017**

**Class Schedule 0.3**

**Section Info:**

Monday            5:30 pm - 10:00 pm    West Building W311

**Version**

- Version 0.3 - 11/13/2017 - changes to reflect new timing for Proj 2, Final Exam added to schedule
- [Version 0.2 - 10/18/2017 - changes to reflect no class 10/16](#)
- [Version 0.1 - 8/13/2017 - Added topics and assignments](#)
- Version 0.0 - 8/13/2017 - 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: Lab, Hw, Project, no "Life Happens" after 12/11 )**

**Class Schedule**

| <b>Week #</b> | <b>Date Monday</b> | <b>Topic(s)<br/>( pdfs of slides in WebStudy )</b>  | <b>Work Due<br/>( details in WebStudy )</b>  |
|---------------|--------------------|---|--|
| <b>1</b>      | <b>9/11</b>        | Course Overview<br>Ch 2 Java Classes (Java Review)  | 9/11<br>Lab 1-writing a Class  |
| <b>2</b>      | <b>9/18</b>        | Ch 1 Run Time Analysis                              | 9/18<br><i>Hw 1 Classes</i><br>Lab 2-Run Time Analysis                                       |
| <b>3</b>      | <b>9/25</b>        | Ch 3 Collection Classes                             | 9/25<br><i>Hw 2 Run Time Analysis</i><br>Lab 3 Coll. Class<br><b>Proj 1 - your own Class</b> |
| <b>4</b>      | <b>10/2</b>        | Ch 4 Linked Lists                                   | 10/2<br><i>Hw 3 Coll. Class</i><br>Lab 4 Link List   |
| <b>5</b>      | <b>10/9</b>        | Ch 5 Writing Generic Classes                        | 10/9<br><i>Hw 4 Linked Lists</i><br>Lab 5 Generic  |
| <b>6</b>      | <b>10/16</b>       | <b>No Class</b>                                     | 10/16<br><i>n/a</i>  |
| <b>7</b>      | <b>10/23</b>       | Ch 6 Stacks / Ch 7 Queues<br><i>Mid Term Review</i> | 10/23<br><i>Hw 5 Generic</i><br>Lab 6 Stack/Queue  |
| <b>8</b>      | <b>10/30</b>       | <b>6:30 - 7:30 Midterm Exam (15%)</b>               | 10/30  |

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| Week # | Date Monday | Topic(s)<br>( pdfs of slides in WebStudy)        | Work Due<br>( details in WebStudy )  |
|--------|-------------|--|--|
|        |             | Ch 8 Recursion<br>Ch 9/10 Trees                  | <b>Midterm Exam</b><br><i>Hw 6 Stacks / Queues</i>   |
| 9      | 11/6        | Ch 9/10 Trees, cont.                             | 11/6<br>Lab 7 Trees  |
| 10     | 11/13       | Ch 14 Graphs                                     | 11/13<br><i>Hw 7 Recursion</i><br><i>Hw 8 Trees</i><br><b>Proj 2-Generic Linked List of your Class</b> |
|        |             | <b>Note: 11/17 last day to withdraw</b>          |  |
| 11     | 11/20       | Ch 14 Graphs, cont.                              | 11/20<br>Lab 8 Graphs  |
|        | 11/22       | FYI - No classes - Thanksgiving                  |  |
| 12     | 11/27       | Ch 11/12 Sort/Search<br><i>Final Exam Review</i> | 11/27<br><i>Hw 9 Graphs</i><br><b>Proj 3 - using Queues</b>  |
| 13     | 12/4        | Lab time: for last project                       | 12/4   |
| 14     | 12/11       | Lab time: for last project                       | 12/11<br><b>Proj 4 - Potpourri of Data Structures</b>  |
|        | 12/18       | <b>5:30 - 7:30 Final Exam (25%)</b>              | 12/18<br><b>Final Exam (25%)</b>   |

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