

Tentative weekly schedule for ITSC 2214

Data Structures and Algorithms

The exact dates for your particular section would be posted in an announcement titled "This week in ITSC 2214" from week 3 onwards at the start of the week.

There will be another announcement titled "Mid-week Update", informing you on all the new content that was added to Canvas during the week, since the last announcement.

[A map of the course and the nodes in Realizeit can be found here.](#)

Week	Date	Topic	Due
0.	Sept. 7 - Sept. 14	Syllabus Introduction	Realizeit Module 0: Prerequisites Lecture 1: Introduction to ITSC 2214 Data Structures and Algorithms
1.	Sept. 14 - Sept. 21	Module 1: ADTs, Generics	Realizeit Module 1 Lecture 2: The Why of Data Structures and Algorithms (Zoom)
2.	Sept. 21 - Sept. 28	Module 2: Unit Testing, Algorithm Analysis	Realizeit Module 2 Lecture 3: ADTs, Generics, and Algorithmic Analysis (Zoom)
3.	Sept. 28 - Oct. 4	Module 3: Lists	Lecture 4: Collections of Data Lecture 5: Operations on Lists Lecture 6: Implementing Array-Backed Lists Lab 1 Realizeit Module 3
4.	Oct. 5 - Oct. 11	Module 4: Stacks	Lab 2 Module 3 Quiz Reflection 1 Realizeit Module 4

Week	Date	Topic	Due
5.	Oct. 12 - Oct. 18	Module 5: Queues	Module 4 Quiz Lab 3 Realizelt Module 4 Assignment 1
6.	Oct. 19 - Oct. 25	Midterm Review and Exam	Lab 4 Midterm Exam
7.	Oct. 26 - Nov 1	Module 6: Comparing, Searching and Sorting	Realizelt Module 6 Assignment 2 Lab 5 Reflection 2
8.	Nov. 2 - Nov. 8	Module 7: Recursion	Module 6 Quiz Lab 6 Realizelt Module 7
9.	Nov. 9 - Nov. 15	Module 8: Trees	Module 7 Quiz Lab 7 Realizelt Module 8
10.	Nov. 16 - Nov. 22	Module 9: Hash Tables and Hash Maps	Module 8 Quiz Lab 8 Realizelt Module 9
11.	Nov. 23 - Nov. 29	Module 10: Graphs	Module 9 Quiz Assignment 3 Realizelt Module 10
12.	Nov. 30 - Dec. 6	Module 10: Graphs and Review	Module 10 Quiz Lab 9
13.	Dec. 7 - Dec. 14	Final Exam	Lab 10 Assignment 4 Final Exam