

Tentative weekly schedule for ITSC 2214

Data Structures and Algorithms

Week	Date	Topic	Due
0.	Sept. 7 - Sept. 14	Syllabus The why of Data Structures and Algorithms	Realizelt Module 0: Prerequisites (Sept. 13)
1.	Sept. 14 - Sept. 21	Module 1: ADTs, Generics	Realizelt Module 1 (Sept. 20)
2.	Sept. 21 - Sept. 28	Module 2: Unit Testing, Algorithm Analysis	Module 1 Quiz (Sept. 21) Realizelt Module 2 (Sept. 27) Lab 1 (TBD)
3.	Sept. 28 - Oct. 4	Module 3: Lists	Module 2 Quiz (Sept. 28) Lab 2 (TBD) Realizelt Module 3 (Oct. 3)
4.	Oct. 5 - Oct. 11	Module 4: Stacks	Module 3 Quiz (Oct. 5) Reflection 1 (Oct. 10) Assignment 1: (Oct. 6) Realizelt Module 4 (Oct. 11)
5.	Oct. 12 - Oct. 18	Module 5: Queues	Module 4 Quiz (Oct. 12) Lab 3 (TBD) Realizelt Module 4 (Oct. 17)
6.	Oct. 19 - Oct. 25	Midterm Review and Exam	Lab 5 (TBD) Midterm Exam Assignment 2 (Oct. 30) Recflection 2 (Oct. 30)
7.	Oct. 26 - Nov 1	Module 6: Comparing, Searching and Sorting	Realizelt Module 6 (Nov. 1)

Week	Date	Topic	Due
8.	Nov. 2 - Nov. 8	Module 7: Recursion	Module 6 Quiz (Nov. 2) Lab 6 (TBD) Realizelt Module 7 (Nov. 8)
9.	Nov. 9 - Nov. 15	Module 8: Trees	Module 7 Quiz (Nov. 8) Lab 7 (TBD) Realizelt Module 8 (Nov. 15)
10.	Nov. 16 - Nov. 22	Module 9: Hash Tables and Hash Maps	Module 8 Quiz (Nov. 16) Lab 8 (TBD) Realizelt Module 9 (Nov. 22)
11.	Nov. 23 - Nov. 29	Module 10: Graphs	Module 9 Quiz (Nov. 23) Assignment 3 (Nov. 25) Realizelt Module 10 (Nov. 29)
12.	Nov. 30 - Dec. 6	Module 10: Graphs and Review	Module 10 Quiz (Nov. 30) Lab 9 (TBD)
13.	Dec. 7 - Dec. 14	Final Exam	Lab 10 (TBD) Assignment 4 (Dec. 11) Final Exam