

Course Outline

This outline provides an overview of the course and assignments by week. Please remember to check the calendar for specific due dates.

Module	Dates	Title	Readings	Deliverables
Module 0	1/29 – 2/2	Introduction		<ul style="list-style-type: none">Module 0 Discussion
Module 1	1/31 – 2/6	Complexity & ADTs	ZY Chapter 1	<ul style="list-style-type: none">Homework 1Modules 1 DiscussionModules 1 QuizzesDiscussion PromptsZyBook Interactive Exercises
Module 2	2/7 – 2/13	Stacks	ZY Chapter 2	<ul style="list-style-type: none">Homework 2Module 2 DiscussionModule 2 QuizzesDiscussion PromptsZyBook Interactive ExercisesLab 1 (due in Module 5)
Module 3	2/14 - 2/20	Recursion		<ul style="list-style-type: none">Homework 3Module 3 DiscussionsModule 3 QuizzesDiscussion PromptsZyBook Interactive ExercisesLab 2(due in Module 8)
Module 4	2/21 – 2/27	Queues and Deques, Lists	ZY Chapter 3	<ul style="list-style-type: none">Homework 4Module 4 DiscussionModules 4 QuizzesDiscussion PromptsZyBook Interactive Exercises
Module 5	2/28 – 3/6			<ul style="list-style-type: none">Lab 1
Module 6	3/7 - 3/13	More on Lists: List Variations, Hybrid Implementation, Graphs	ZY Chapter 4	<ul style="list-style-type: none">Homework 6Module 6 DiscussionModule 6 QuizzesDiscussion PromptsZyBook Interactive ExercisesLab 3 (due in Module 11)
Module 7	3/14 – 3/20	Trees	ZY Chapter 5	<ul style="list-style-type: none">Homework 7Module 7 DiscussionsModule 7 QuizzesDiscussion PromptsZyBook Interactive Exercises
	3/21 – 3/27	Spring Break		<ul style="list-style-type: none">Relax a bitRead a book for funWork a little on Lab 2
Module 8	3/28 – 4/3			<ul style="list-style-type: none">Lab 2

Module 9	4/4 – 4/10	Tree Application: Huffman Encoding Sorting	ZY Chapter 6	<ul style="list-style-type: none"> • Homework 9 • Module 9 Discussion • Module 9 Quizzes • Discussion Prompts • ZyBook Interactive Exercises
Module 10	4/11 – 4/17	Sorting Searching Sorted Data	ZY Chapter 7	<ul style="list-style-type: none"> • Homework 10 • Module 10 Discussion • Module 10 Quizzes • Discussion Prompts • ZyBook Interactive Exercises • Lab 4 (due in Module 13)
Module 11	4/18 – 4/24			<ul style="list-style-type: none"> • Lab 3
Module 12	4/25 – 5/1	Search Trees Transposition and Hashing	ZY Chapter 8	<ul style="list-style-type: none"> • Homework 12 • Module 12 Discussion • Module 12 Quizzes • Discussion Prompts • ZyBook Interactive Exercises
Module 13	5/2 – 5/8			<ul style="list-style-type: none"> • Lab 4
Module 14	5/9 – 5/13	Final Exam		<ul style="list-style-type: none"> • Module 14 Discussion • Module 14 Quiz • Exam is scheduled from noon 5/12 through noon 5/13

Lab 4 will not be accepted after the end of Module 13 except by prior arrangement.

Important Dates

Feb. 11	End of Late Registration for online courses
Feb. 14	Tuition Payment Deadline
Mar 19-25	Spring Break – observed 3/21-3/27
March 28	First Day of Week 9 - Last week to drop or change to Audit (before Apr 1)
May 15	Last Day of Classes
Jan 29	First Day of Spring 2018 Classes