

CS 161 - Introduction to Computer Science I

Course Topics/Schedule

Units	Class Description
	WEEK 1 - Introduction to Programming - Assignment #1 DUE
#1	<ul style="list-style-type: none">• What is programming/Java?• Variables, Data Concepts, and User Input• Lab 1 Due• Quizzes 1 & 2
	WEEK 2 – Conditional Execution & Repetition - Assignment #2 DUE
#2	<ul style="list-style-type: none">• <i>if-else</i> vs. <i>switch-case</i> statements• <i>while</i> loops vs. <i>for</i> loops• Lab 2 Due• Quizzes 3 & 4
	WEEK 3 – Programming Errors & Debugging - Assignment #3 DUE
#3	<ul style="list-style-type: none">• Types of Errors and Handling Errors• Debugging Syntax and Runtime Errors• Lab 3 Due• Quizzes 5 & 6• Exam I
	WEEK 4 – Methods & OO Programming - Assignment #4 DUE
#4	<ul style="list-style-type: none">• Methods and Parameters• Using Classes and Objects• Creating Class/Objects & Encapsulation• Lab 4 Due• Quizzes 7 & 8
	WEEK 5 – 1-D & N-Dimensional Arrays - Assignment #5 DUE
#5	<ul style="list-style-type: none">• 1-Dimensional Arrays• N-Dimensional Arrays• Lab 5 Due• Quizzes 9 & 10
	WEEK 6 – File Input/Output - Assignment #6 DUE
#6	<ul style="list-style-type: none">• Reading and Writing Text Files• Reading and Writing Binary Files• Lab 6 Due• Quizzes 11 & 12• Exam II
	Final Project DUE