

CS 161 - Introduction to Computer Science I Calendar

Spring 2014

Last updated 27 March, 2014.

Note: the university will be closed 26 May to observe Memorial Day.

Assignment submissions will generally be due by 23:59 (Pacific Time Zone) at the end of the week that they are assigned.

Tentative calendar:

Date	Lectures	Readings	Assignment	Other
Week #1: Basics 31 Mar to 06 Apr	Course intro, Problem solving with computers, More Programming, Variables, and constants, Expressions and User input, Tools for the course,	Syllabus, Calendar, Chapter 1,	Personal summary Course tools practice, Basic program (hello world), Basic IO (echo), TEACH submission	sup. lecture on number bases
Week #2: Logic 07 Apr to 13 Apr	Two's complement and Conditional Statements, More Decisions and Repetition, Repetitive Execution and Switch Statements,	Sections 2.1-2.3,	Number conversions, Overflow and truncation, Expressions, Conditionals, Repetition, Random numbers, Comments,	
Week #3: Libraries 14 Apr to 20 Apr	Errors and Debugging, Pseudo-random Numbers, String Objects,	Section 9.3, Section 3.1,	Strings, Random, Error handling, More user input	Lighter for exam?
Exam 1	Schedule exam 1 for sometime during Week 4!			
Week #4: Functions 21 Apr to 27 Apr	Decomposition, Functions, and Scope, Argument Passing, Overloading,	Section 3.2-3.3, Section 4.1,	Decomposition, Functions, Scope,	Skim reading again after demo!
Week #5: More Functions 28 Apr to 04 May	Default arguments, Intro to recursion (tougher!),	Section 4.2-4.3, Chapter 13,	Overloading, Default arguments, Recursion	Recursion is tough!
Week #6: Arrays 05 May to 11 May	Arrays, Pointers,	Sections 5.1-5.2, Section 9.1-9.2, Section 10.1,	Simple arrays, Repeated input,	
Week #7: Pointers (tough!) 12 May to 18 May	2-D Arrays, Static vs Dynamic (tougher!), Multi-Dimensional Arrays, Command line arguments, C-Style Strings vs String Objects,	Sections 5.3-5.4, Sections 10.1-10.2,	New and delete, More arrays Command line args, Strings,	Read before and after demo! Tough topics! sup. Lecture Array-based Algorithms
Exam 2	Schedule exam 2 for sometime during Week 8!			
Week #8: Structs and Classes 19 May to 25 May	Structs, Classes,	Chapter 6, Section 7.1, Section 10.3,	Structs, Classes, More pointers, Mixing it all up,	Skim reading again after demo! Consider starting final project!

Date	Lectures	Readings	Assignment	Other
Week #9: Recursion (tough!) 26 May to 01 Jun	Recursion (tough!),	Chapter 13,	More recursion,	Read before and after demo! Definitely start final project!
Week #10: More Pointers 02 Jun to 08 Jun	Exception handling,	Chapter 18,	Practice try and catch?	Submit final project!
Final Quiz	Take final quiz sometime during Week 11!			
other topics:	vectors	7.3	vector-cises	Read before and after demo!

Todo:
update dates,
finish coursework order,
finish intro tutorials,
finish labs,
finish assignments,
finish exams,
finish website?,
ask for review from others,
teach course.

Variables:

FirstDay	31 Mar
DateFormat	DD MMM
Exam 1	Schedule exam 1 for sometime during Week 4!
Exam 2	Schedule exam 2 for sometime during Week 8!
Start Final Project	Start final project sometime during Week 9!
Finish Final Project	Finish final project sometime during Week 10!
Final Quiz	Take final quiz sometime during Week 11!

Schedule exam 1 for sometime during	Week 4
Schedule exam 2 for sometime during	Week 8
Start final project sometime during	Week 9
Finish final project sometime during	Week 10
Take final quiz sometime during	Week 11