Course Schedule

Due dates

- See homework and assessment due dates on Assignment Page.

Put the assessment days on the calendar you actually check. On the assessment day, you can choose from the morning session (10:00AM-11:00AM) or the evening session (7:00PM-8:00PM), but not both.

You have one week grace period to turn in your assignment after which you automatically get a 0 unless you have emailed me for an extension.

If your grade is C or lower, you have 1 attempt to fix your assignment and the highest grade you can get for the resubmission is a B, unless you have made prior arrangements with your instructor.

If you are missing assessments please contact your instructor.

Weekly schedule

Tentative/Always Subject to Change

Weekly Schedule

Modules	Lesson	Assignments
01	• Course Information • Structs & Lambda Functions	1. Complete the *Course Information Quiz* in D2L. 2. Complete Zylabs and Assignment - Structs Review Assignment *Students who do not complete the above items will be dropped from the course on the second Tuesday of the term. Other goals for this week: 1. Post a brief introduction to the class in the D2L Discussion topic "Introductions". 2. Log in to the Linux server `cslinux.pcc.edu` to make sure your account is enabled. Contact your instructor if you are not able to log in to the Linux server. 3. Access zyBooks.com and subscribe to the course text. The main goals for this week are to understand the course organization and review CS 161 material. Structs are the introduction to creating user-defined data types.

Modules	Lesson	Assignments
02	• Classes Part 1	• Classes are the object-oriented way of creating user-defined data types. • Start Assignment 1 Classes • Assessment 1 Classes coming up
03	• Classes Part 2	• The principle of *encapsulation*, or "information hiding", protects the internal structure of an object from unwanted interference. • Complete Assignment 1 Classes • Assessment 1 Classes Due
04	• Dynamic Variables and Memory Management	• Pointers and Memory Management • Start Assignment 2 Dynamic Variables • Assessment 2 Dynamic Variables and Memory Management coming up
05	• Dynamic Variables and Memory Management	• Pointers and Memory Management • Continue Assignment 2 Dynamic Variables and Memory Management • Practice Assessment 2 Dynamic Variables and Memory Management Due
06	• Dynamic Variables and Memory Management	• Pointers and Memory Management (Debugging) • Continue Assignment 2 Dynamic Variables and Memory Management • Assessment 2 Dynamic Variables and Memory Management Due
07	• Linear Linked Lists Part 1	• Linked lists are the basis of most dynamic data structures, including stacks, queues, and trees • Start Assignment 3 Linear Linked Lists 1 • Assessment 3 Linear Linked Lists 1 coming up

Modules	Lesson	Assignments
08	• Linear Linked Lists Part 2	• Linked lists are the basis of most dynamic data structures, including stacks, queues, and trees • Complete Assignment 3 Linear Linked Lists 1 • Assessment 3 Linear Linked Lists 1 Due
09	• Basic Recursion	• Recursive algorithms are algorithms that refer to themselves. • Start Assignment 4 Linear Linked Lists 2 • Assessment 4 Linear Linked Lists 2 coming up
10	• Recursion and Linked Lists	• Every linked list operation can be implemented either recursively or non-recursively. • Complete Assignment 4 Linear Linked Lists 2 • Assessment 4 Linear Linked Lists 2 coming up
11	• Finals Week	• Assessment 4 Linear Linked Lists 2 Due

Flexibility statement

The instructor reserves the right to modify course content and/or substitute assignments and learning activities in response to institutional, weather or class situations.

End of Weekly Schedule