Computer Science II
Spring 2017

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Course Webpage

https://protovision.github.io/202-2017-spring/

Objective

To learn the eseential concepts and standard library components of the C++ programming language.

Prerequisites

Computer Science I (CSE 201)

Course Schedule

Date	Lecture	Assignment
04/07/2017	Standard streams and I/O manipulators	Cloud 9 setup and filter programs
04/14/2017	Vectors and Maps	Calculation programs
04/21/2017	Arrays, pointers, and command-line arguments	Exploitation
04/28/2017	File streams and string streams	Programs that can remember
05/5/2017	Stacks and queues	Text parsing
05/12/2017	Pseudo-random number generation	Games of chance
05/19/2017	Constructors and initialization	TBA
05/26/2017	Derived classes and virtual functions	TBA
06/02/2017	Conversions and operator overloading	TBA
06/09/2017	Review	–
06/16/2017	–	Final project

Assignment submissions

Assignments are performed inside the Cloud 9 website. Your work is automatically checked each week.

Grading policy

Your final grade is composed from 72% normal assignments and 28% final assignment. Assignments completed late will not be accepted. Identical assignments and plagiarized assignments will not be accepted.

The letter for your final grade is based on these percentage ranges: 95-100 (A), 90-94 (A-), 87-89 (B+), 84-86 (B-), 80-83 (B), 75-79 (C+), 71-74 (C), 70-73 (C-), 67-69 (D+), 64-66 (D), 60-63 (D-), 0-59 (F).

Additional information

Learning Outcomes

This course is designed to contribute to the following learning outcomes:

- An ability to apply knowledge of computing and mathematics appropriate to the discipline.
- An ability to analyze a problem, and identify and define the computing requirements appropriate to its solution.
- An ability to design, implement, and evaluate a computer-based system, process, component, or program to meet desired needs.
- An ability to use current techniques, skills, and tools necessary for computing practice.
- An ability to apply design and development principles in the contruction of software systems of varying complexity.

Students with disabilities

If you are in need of an accommodation for a disability in order to participate in this class, please let us know as soon as possible, and also contact Services to Students with Disabilities at UH-183, (909) 537-5238. You are advised to establish a buddy system and alternate in the class if you require assistance in the event of an emergency. Individuals with disabilities should prepare for an emergency ahead of time by instructing a classmate and the instructor.

Academic Regulations and Procedures

See the CSUSB Bulletin of Courses for the University's policies on course withdrawal, cheating, and plagiarism.