CALIFORNIA STATE UNIVERSITY, CHICO

CSCI 111: *Programming and Algorithms I*
EECE 135: *Algorithms and Programs for Engineers*
Abbreviated Syllabus for Fall Semester 2007

Visit http://www.ecst.csuchico.edu/~juliano/csci111 *for additional detail.*

Prerequisites

- at least one year of high school algebra

Description

A first-semester programming course, providing an overview of computer systems and an introduction to problem solving, object-oriented software design, and programming. Coverage includes the software life cycle, how to split large programs into segments, as well as algorithms and their role in software design. Students are expected to design, implement, and test a number of programs. *Formerly CSCI 15A / ECE 090.*

Note: These sections of CSCI 111 will use the C and C++ programming languages.

Class #	Section	Act	Days	Time	Room	Instructor
	CSCI 111-01	DIS	MWF	0100-0150	OCNL 254	
4789	CSCI 111-02	ACT	M	0200-0250	OCNL 244	
4790	CSCI 111-03	ACT	T	0200-0250	OCNL 244	
4791	CSCI 111-04	ACT	R	0200-0250	OCNL 244	Dr. J
	EECE 135-01	DIS	MWF	0100-0150	OCNL 254	Juliano@csuChico.edu
6784	EECE 135-02	ACT	M	0200-0250	OCNL 244	
6785	EECE 135-03	ACT	T	0200-0250	OCNL 244	
6821	EECE 135-04	ACT	R	0200-0250	OCNL 244	

Instructor Information

Dr. Juliano (*a.k.a.* Dr. J)
http://www.ecst.csuchico.edu/~juliano

Office Hours: OCNL 222, MTWR 2–4 pm
Tel 530 898-4619 / 6442 (dept office)
Fax 530 898-5995
Appointments and walk-ins welcome.

Required Textbook

C++: How to Program, 6/e.
H.M. Deitel & P.J. Deitel, 2008.
Prentice–Hall.
ISBN 0-136-15250-3

Additional Requirements

1. We will be using *Clickers* (Student Response Systems) in this class. Details of *Clicker* use will be covered during the first week of classes.
2. Students are expected to open and maintain a Chico State Connection (CSC) Portal (see http://portal.csuchico.edu) account to regularly access and update themselves via the on-line calendar, current scores, discussion board, etc.
3. All programming assignments must be designed to run on the ECC Unix servers. *Students are required to have their ECC Unix accounts created by the second week of classes.*
4. Students are expected to familiarize themselves with Dr. J's general policies and expectations as detailed online at /~juliano/Teaching/Policies.html – particularly those dealing with *Academic Integrity*.

Grade Evaluation

Theoretical Component (50%)	
20%	At least six (in-class or online) quizzes
15%	**Exam 1**, Wed, Sep 19, 1:00 – 1:50 (in-class)
15%	**Exam 2**, Fri, Oct 19, 1:00 – 1:50 (in-class)
15%	**Exam 3**, Fri, Nov 16, 1:00 – 1:50 (in-class)
35%	**Final Exam**, Wed, Dec 19, 2:00 – 3:50
Practical Component (50%)	
100%	Programming Assignments

See the on-line syllabus for details of final grade calculation.

Additional Information

http://www.ecst.csuchico.edu/~juliano/csci111/
http://www.ecst.csuchico.edu/~juliano/eece135/
http://www.ecst.csuchico.edu/~juliano/csci111/Slides/
http://www.ecst.csuchico.edu/~juliano/C++/
http://portal.csuchico.edu
http://vista.csuchico.edu