



# CALIFORNIA STATE UNIVERSITY, CHICO

## CSCI 111: Programming and Algorithms I EECE 135: Algorithms and Programs for Engineers Abbreviated Syllabus for Spring 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 111-05	DIS	MWF	1000-1050	SSKU 120	Dr. J Juliano@csuChico.edu
4159	CSCI 111-06	ACT	M	1100-1150	OCNL 244	
4160	CSCI 111-07	ACT	W	1100-1150	OCNL 244	
4161	CSCI 111-08	ACT	F	1100-1150	OCNL 244	
	EECE 135-01	DIS	MWF	1000-1050	SSKU 120	
4222	EECE 135-02	ACT	M	1100-1150	OCNL 244	
4364	EECE 135-03	ACT	W	1100-1150	OCNL 244	
4365	EECE 135-04	ACT	F	1100-1150	OCNL 244	

### Instructor Information

Dr. Juliano (a.k.a. Dr. J)

<http://www.ecst.csuchico.edu/~juliano>

Office Hours: MT 2-4pm and W 3-4pm

OCNL 222

Tel 530 898-4619 / 6442 (dept office)

Fax 530 898-5995

*Appointments and walk-ins welcome.*

### Required Textbook

*Starting Out with C++:*

*From Control Structures through Objects, 5/e.*

Tony Gaddis, 2007.

Addison-Wesley/Benjamin-Cummings.

ISBN 0-321-40939-6

### Additional Requirements

- 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.
- All programming assignments must be designed to run on the ECC Unix servers. *Students are responsible for creating their ECC Unix accounts by the second week of classes.*

- Students are expected to familiarize themselves with Dr. J's general policies and expectations as detailed online at [/~juliano/Teaching/Policies.html](http://www.ecst.csuchico.edu/~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%	<b>Exam 1</b> , Wed, Feb 14, 10:00 – 10:50
15%	<b>Exam 2</b> , Fri, Mar 16, 10:00 – 10:50
15%	<b>Exam 3</b> , Fri, Apr 13, 10:00 – 10:50
35%	<b>Final Exam</b> , Wed, May 16, 10:00 – 11:50
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/>

[/~juliano/csci111/Slides/](http://www.ecst.csuchico.edu/~juliano/csci111/Slides/)

[/~juliano/C++/](http://www.ecst.csuchico.edu/~juliano/C++/)

<http://portal.csuchico.edu>

<http://vista.csuchico.edu>