

## CSCI 110: *Introduction to Applications Programming* Abbreviated Syllabus for Fall Semester 2008

Visit <http://www.ecst.csuchico.edu/~juliano/csci110> for additional detail.

### Prerequisites

- familiarity with high school-level algebra

### Description

This course introduces students to programming using an integrated graphical development environment. Event-driven, visual, and object-oriented programming concepts are presented. Course emphasis is on the total program development process – problem analysis, design, coding, testing, debugging, and

maintenance. Projects include common business problems that require data entry, display of calculated results, report requests, conditional testing, arithmetic operations, array processing, data validation, searching, sorting, reading and writing to files, and database applications. *2.0 hours discussion, 2.0 hours activity.*

**Note:** We will be using the *Python* programming language (see <http://www.python.org>).

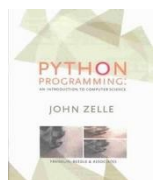
Class #	Section	Act	Days	Times	Room	Instructor
6488	CSCI 110-01	DIS	TR	0800-0850	OCNL 237	Dr. J ( <a href="mailto:Juliano@csuchico.edu">Juliano@csuchico.edu</a> )
	CSCI 110-02	ACT	MW	0900-0950	OCNL 133	T. B. A.

### Instructor Information

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

**Office Hours:** OCNL 222, TR 12–2 pm  
Tel 530 898-4619 / 6442 (dept office)  
Fax 530 898-5995  
*Appointments and walk-ins welcome.*

### Required Textbook



*Python Programming:  
An Introduction to Computer Science.*  
J. Zelle, 2004.  
Franklin, Beedle & Associates, Inc.  
ISBN 1-887902-99-6

### Additional Requirements

- Anyone can succeed at learning to program!* This is a first course in computer programming, and the only expectation of students' computer skills before taking this class is to be comfortable with using email, web browsing, and copying and pasting text.
- To be a successful programmer, one must be committed and dedicated to allocating additional time for programming, and this is more important than you can imagine. Many people believe that computer programming is extremely difficult, and that the code is written in some arcane syntax understandable only by experts. Although some parts of the

process are indeed complex, most of the source code required for homework assignments can be easily understood.

- 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.
- Students are expected to familiarize themselves with Dr. J's general policies and expectations as detailed online at [/~juliano/Teaching/Policies.html](http://~juliano/Teaching/Policies.html) – particularly those dealing with *Academic Integrity*.

### Grade Evaluation

Theoretical Component (50%)	
20%	At least six (in-class or online) quizzes
20%	<b>Midterm 1</b> , Thu, Sep 25, 8:00 – 8:50 (in-class)
20%	<b>Midterm 2</b> , Thu, Nov 6, 8:00 – 8:50 (in-class)
40%	<b>Final Exam</b> , Mon, Dec 15, 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/csci110/>  
<http://www.ecst.csuchico.edu/~juliano/csci110/Code/>  
<http://www.ecst.csuchico.edu/~juliano/csci110/Slides/>  
<http://portal.csuchico.edu>  
<http://vista.csuchico.edu>