

**Course Syllabus**  
**CMPSCI 235 – C Programming**  
**Section #25348 – Spring 2017 Semester**

**Course Description:** Introduces "C" Programming including data types, operators and expressions, control flow logic, program structure, arrays, functions and file I/O.

**When and Where:** MW 11:00 AM – 12:20 PM, HSLH-133

Please check the [CMPSCI 235 Canvas](#) website each week for:

- Weekly Lecture Topics
- Weekly Reading Assignments
- Late-Breaking Class News
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**Instructor:** Benjamin Riveira

**Office Hours:** Mon & Wed 12:45 PM – 1:45 PM, Fri 9:00 AM – 11:00 AM Seco Hall 305E, Tue & Thur 11:00 AM – 12:00 PM, Canyon Country Campus Room 507 (best to email for an appointment).

**Email:** [benjamin.riveira@canyons.edu](mailto:benjamin.riveira@canyons.edu) (please use your @my.canyons.edu email address)

**Web Page:** <http://www3.canyons.edu/faculty/riveirab/>

**Student Learning Outcome:** Design, analyze and evaluate computer programs using the 'C' programming language.

**Required Text:** *C++ for Engineers and Scientists*, 4th Ed., Author: Bronson, ISBN: 9781133187844

**Grading:**

Programming Quizzes (7 @ 20 points each)	120 points (Lowest quiz score is dropped)
Midterm Exam	60 points
Final Exam	120 points
<b>Total Points Possible</b>	<b>300 points</b>

**Needed Point Totals:**

Grade	Points
A	270+
B	240 - 269
C	210 - 239
D	180 - 209
F	179 <

**Programming Quizzes:** Programming Quizzes are composed of multiple choice and true/false questions based on your textbook's material, as well as programming exercises selected from the end of each chapter, so you already have copies of all the quizzes. Quiz programming exercises will be posted on Canvas **one week** prior to each quiz. Quizzes will be given in the first 30 minutes of class on the scheduled date. **Do NOT wait until the day of a quiz to write solutions for the programming exercises because you will NOT have enough time.** **Make up quizzes will not be given** although your lowest quiz score will be dropped.

**Final Exam:** The final exam will be very similar to the programming quizzes given throughout the semester. The programming exercise(s) for the final exam will be posted on Canvas at least one week prior to the exam.

**Academic Dishonesty:** On quizzes and exams, you may refer to class notes and/or the PowerPoint slides provided by your instructor. However, discussing answers with other students during a quiz or exam is **forbidden**. On any quiz or exam, you are expected to submit only your own work; discussion of answers with other students or use of electronic devices not expressly approved by the instructor is **forbidden**. **Submission of plagiarized programming code is forbidden and will result in a penalty for both students.** Penalties for academic dishonesty may result in a grade of "F" for the entire course. Additionally, instances of academic dishonesty may be reported to the Dean of Students for further action. If you have any doubts about what is considered dishonest, please ask the instructor for guidance before taking such a serious risk.

**Attendance:** Attendance will be taken for all class meetings at the beginning of class. Should a student be tardy, it is the **student's** responsibility to sign in after class to inform me of their presence. Otherwise, the student will be marked as absent for the class. The instructor reserves the right to drop a student after 2 absences. However, **it remains the student's responsibility (not the instructor's) to officially drop the course if necessary.** The student should **not** assume that she/he **will** be dropped after these absences, nor should she/he assume that she/he will **not** be dropped.

**Classroom Behavior:** College level behavior is expected. Smartphones, iPod/MP3 devices and headphones/earbuds must be turned off and put away during class. Lab computers are reserved for class-related activities. Playing online games, updating your social networking status, snapchatting and all other non-class related computer activity is strictly prohibited. **Violations of these rules may result in a penalty reduction of points.** Additionally, students who engage in disruptive behavior will be asked to leave the class or will be referred to the Dean of Students.

Disruptive behavior includes any of the following during lecture:

- Distractive talking.
- Texting.
- Having your smartphone disrupt class.
- Leaving the classroom without asking.
- Disrupting your fellow students in any way.

## Important Dates:

Add/Drop with Refund Deadline – 2/19/17, Drop w/o "W" – 2/19/17, Drop Deadline – 5/7/17

## Course Schedule (Subject to Change)

Class	Topic
2/6/17	Review course syllabus
2/8/17	Chapter #1, Fundamentals of C++ Programming
2/13/17	Chapter #1, Fundamentals of C++ Programming
2/15/17	Chapter #1, Fundamentals of C++ Programming
2/20/17	President's Day Holiday
2/22/17	<b>Quiz 1</b> , Chapter #2, Problem Solving Using C++
2/27/17	Chapter #2, Problem Solving Using C++
3/1/17	Chapter #2, Problem Solving Using C++
3/6/17	Chapter #2, Problem Solving Using C++
3/8/17	<b>Quiz 2</b> , Chapter #3, Assignment, Formatting, and Interactive Input
3/13/17	Chapter #3, Assignment, Formatting, and Interactive Input
3/15/17	Chapter #3, Assignment, Formatting, and Interactive Input
3/20/17	<b>Quiz 3</b> , Chapter #4, Selection Structures
3/22/17	Chapter #4, Selection Structures
3/27/17	Chapter #4, Selection Structures
3/29/17	Midterm Exam
4/3/17	Spring Break
4/5/17	Spring Break
4/10/17	Chapter #5, Repetition Statements
4/12/17	Chapter #5, Repetition Statements
4/17/17	<b>Quiz 4</b> , Chapter #6, Modularity Using Functions
4/19/17	Chapter #6, Modularity Using Functions
4/24/17	Chapter #6, Modularity Using Functions
4/26/17	<b>Quiz 5</b> , Chapter #7, Arrays
5/1/17	Chapter #7, Arrays
5/3/17	Chapter #7, Arrays
5/8/17	<b>Quiz 6</b> , Chapter #8, I/O Streams and Data Files
5/10/17	Chapter #8, I/O Streams and Data Files

<b>Class</b>	<b>Topic</b>
5/15/17	Chapter #8, I/O Streams and Data Files
5/17/17	<b>Quiz 7</b> , Chapter #10, Pointers
5/22/17	Chapter #10, Pointers
5/24/17	Chapter #10, Pointers
5/29/17	Memorial Day
5/31/17	Final Exam

*Recent California Legislation guarantees admission to a California State University (CSU) campus for any community college student who completes an “associate degree for transfer”. The Associate in Science for Transfer (AS-T) in **Math, Physics, Computer Science, and Geology**, or the Associate in Arts for Transfer (AA-T) in **Geography**, is intended for College of the Canyons students who plan to complete a bachelor's degree in a similar major at a CSU campus. Students must earn a C or better in all courses required for the major or area of emphasis. The College also offers associate degrees in **Biology, Computer Science, Engineering, and Math**. For more information on the suggested sequence of classes to be taken in order to obtain these degrees in two years, as well as information on when these courses are guaranteed to be offered, please visit: <http://www.canyons.edu/Offices/MathScienceDiv/Pages/Classes.aspx>*