

**Course Syllabus**  
**CMPSCI 111 – Introduction to Algorithms and Programming: Java**  
**Section #25370 – Spring 2017 Semester**

**Course Description:** This course is an introduction to algorithms, their representation, design, structuring, analysis and optimization. It requires implementation of algorithms as structured programs in a high level language. This course will use Java and students will be expected to write and execute Java programs in the lab section.

**When and Where:** Lecture Mon & Wed 8:00AM - 9:20AM, Lab Mon & Wed 9:30AM – 10:50AM, HSLH-133

Please check the [CMPSCI 111 Canvas](#) web page each week for:

- Important Announcements
- Weekly Lecture Topics
- Weekly Reading Assignments

**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)

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

**Required Text:** *Introduction to Java Programming*, Y. D. Liang, Pearson Prentice Hall, Brief Version 10th Ed., ISBN-13: 978-0-13-359220-7.

**Student Learning Outcome:** Evaluate the basic concepts of computer programming and analyze their impact on algorithms, problem solving and program implementation.

**Grading:**

Quiz 1	20 points (10%)
Quiz 2	20 points (10%)
Midterm	50 points (25%)
Quiz 3	20 points (10%)
Quiz 4	20 points (10%)
Final Exam	70 points (35%)
<b>Total</b>	<b>200 points</b>

Needed Point Totals: **A** – 175 points, **B** – 150 points, **C** – 120 points, **D** – 100 points

**Class and Lab Etiquette:** Please silence all smartphones and electronic devices before entering the classroom. No smartphones or iPod/MP3 players are to be used during class lectures. Laptops may **ONLY** be used during lab time, or to take notes during lecture class. Browsing the Internet during lecture time is reserved for class-related web sites such as Canvas. **Non-class related activities on lab computers are strictly prohibited.**

**Academic Dishonesty:** On exams you are expected to submit only your own work; discussion of answers with other students or use of electronic devices (smartphones, tablets, and laptop or lab computers) is **forbidden**. **Penalties for academic dishonesty on a single exam may result in a grade of “F” for the entire course.** 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 consecutive 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.

**Quizzes and Exams:** Quiz and Exam dates are posted well ahead of time. In-lab **Quizzes are normally open-book, open-notes.** In-class **Exams are normally closed-note, closed-book.** If you anticipate that you will not be able to take a Quiz or an Exam on the specified date, please notify the instructor as soon as possible, to reschedule. **No makeups will be given for missed Quizzes or Exams.**

**Important Dates:**

Quiz 1	2/15/17 (in lab)	Add Deadline	2/19/17
Quiz 2	3/8/17 (in lab)	Drop w/o “W”	2/19/17
Midterm	3/29/17 (in lecture)	Drop Deadline	5/7/17
Quiz 3	4/26/17 (in lab)	Drop w/Refund	2/19/17
Quiz 4	5/17/17 (in lab)		
Final Exam	5/31/17 (in lecture)		

Please be sure to avoid scheduling conflicts with these dates.

**Course Schedule (Subject to Change)**

2/6/17	Review Syllabus
2/8/17	Chapter 1
2/13/17	Chapter 1
2/15/17	Chapter 2, <b>Quiz 1</b> (in lab)
2/20/17	President's Day Holiday (No Class Session)
2/22/17	Chapter 2
2/27/17	Chapter 2
3/1/17	Chapter 3
3/6/17	Chapter 3
3/8/17	Chapter 3, <b>Quiz 2</b> (in lab)
3/13/17	Chapter 5
3/15/17	Chapter 5
3/20/17	Chapter 5
3/22/17	Chapter 6
3/27/17	Chapter 6
3/29/17	<b>Midterm Exam</b> (in lecture)
4/3/17	Spring Break (No Class Session)
4/5/17	Spring Break (No Class Session)
4/10/17	Chapter 7
4/12/17	Chapter 7
4/17/17	Chapters 7 & 8
4/19/17	Chapter 9
4/24/17	Chapter 9
4/26/17	Chapters 9 & 4, <b>Quiz 3</b> (in lab)
5/1/17	Chapters 10 & 12
5/3/17	Chapter 11
5/8/17	Chapter 11
5/10/17	Chapter 11
5/15/17	Chapter 13
5/17/17	Chapter 13, <b>Quiz 4</b> (in lab)
5/22/17	Chapter 13
5/24/17	Parts of Chapters 14, 15, and 16 (TBD)
5/29/17	Memorial Day Holiday (No Class Session)
5/31/17	<b>Final Exam</b>

*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>*