

Queens College, CUNY, Department of Computer Science
Object-Oriented Programming in Java
CSCI 212
Fall 2019
Instructor: Alex Ryba

Course Description. Object-oriented algorithmic problem solving in java, with attention to general as well as language-specific issues including applications, event-driven programming; elements of graphical interfaces (GUIs); inheritance and polymorphism; recursion; file I/O; Exception handling; packages; generics; dynamic data structures like linked lists, array lists; testing and debugging; applications of simple data structures; applets; multithreaded programming.

Prerequisites CSCI 111.

Required text. Walter Savitch, *Java An Introduction to Problem Solving & Programming, 8th Edition*

Learning Goals. A solid understanding of the fundamental concepts of Objected Oriented programming and the Java language. Successful students will be able to write correct and complete Java implementations of homework projects. Successful students will also complete exam questions that test knowledge of Java and be able to write programs at the level required by employers when you apply for internships or jobs.

Instructor:

Alex Ryba
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718-997-3488
office: SB A116
office hours: Tuesday and Thursday 12.15pm – 12.45pm
or by appointment.

Course Website:

<http://venus.cs.qc.edu/~ryba/cs212/>

Classes: Tuesday and Thursday, 09.05am – 09.55am, SB C205

Reminder:

The class will not meet on:

Thursday, September 5 (Monday schedule)
Tuesday, October 1
Tuesday, October 8
Thursday, November 28

There are also required lab sections for this course.

Departmental tutors are available in SB A135-G to help students from this course. For information about tutors ask in the department office, SB A202.

Requirements:

Two in-class midterm exams and the final exam.

Weekly quizzes (in lab), homework assignments (in lab).

The final counts for 40% of the course grade.

Each midterm counts for 20% of the grade.

Lab attendance, quizzes and homeworks count for a total of 20% of the course grade.

Exam Dates:

The first midterm will be in class on Thursday October 3rd, 2019

The second midterm will be in class on Tuesday November 26th, 2019.

At present the college has scheduled the final exam for: Tuesday, December 17th 2019
from 08.30am to 10.30am

This date and time might be changed by the college during the semester.

Policy: Academic dishonesty such as plagiarism or cheating will be dealt with seriously in accord with the University's policy on academic integrity.

No make up exams will be given. If you miss a midterm, your final exam score will be used in its place. If you miss the final you will get a WU for the course, or only in the case of good, sufficient and unforeseen reasons you might qualify for an incomplete grade for the course.

IDs may be checked in all exams.