The City College of New York
Department of Computer Science
Spring 2021

Syllabus
CSc 22100 Software Design Laboratory

Section P 32132: TTh, 2:00 – 3:15 pm *Online*
Section R 32150: TTh, 3:30 – 4:45 pm *Online*

Hesham A Auda (*hauda@ccny.cuny.edu*)
Office: NAC 8/202-O
Telephone: 212-650-6139

Office Hours *Online*
TTh 12:30 – 1:15 pm, or by appointment

Computer Science Prerequisites:

CSc 21200 Data Structures
CSC 10300 Introduction to Computing for Majors
CSc 10400 Discrete Mathematical Structures

Textbook and reference material:

[1]   Java How To Program; Early Objects - Eleventh Edition
        Paul Dietel and Harvey Dietel
        Pearson

        The eText may be available from Pearson through VitalSource [VitalSource ISBN
        9780134748559] (*https://www.vitalsource.com/login*) at a lower price;

[2]   Oracle Docs Java Tutorials (*https://docs.oracle.com/javase/tutorial/*);
[3]   Other material as needed.

Outline (Tentative):

Chapter 1 – 5: Introductory Java programming reading material
Chapter 6, 7
Chapter 8, 9, 10
Chapter 12, 13
Chapter 14, 15, 16
Chapter 24

Other subjects may be covered as applications in the class or topics of assignments.

Schedule:

Week	Class	Notes
1	29 January	
2	2 February	*First class*
	4 February	
3	9 February	
	11 February	
4	16 February	
	18 February	
5	23 February	
	25 February	
6	2 March	
	4 March	
7	9 March	
	11 March	
8	16 March	
	18 March	
9	23 March	
	25 March	
10	30 March	*No classes – Spring recess 27 March – 4 April 2021*
	1 April	
11	6 April	
	8 April	
12	13 April	
	15 April	
13	20 April	
	22 April	
14	27 April	
	29 April	
15	4 May	
	6 May	
16	11 May	
	13 May	*Last class; in-class examination*
17	17 May	

Assignments and Grading:

1-   4/5 programming assignments (80% of the final grade);
2-   One in-class examination (20%).

Policies:

1- The class will conducted online, in distance-learning form, in its entirety. Students are responsible to possess an appropriate desktop or laptop computers with a webcam and connected to the Internet.

2- All class meetings will be carried out using *Zoom: https://ccny.zoom.us*. Students are responsible for making the connection for the meetings scheduled at regular class times, and familiarizing themselves with the tool. For more information, see: *https://www.ccny.cuny.edu/it/zoom*.

3- Communication on all matters related to course material and class management will be conducted through Blackboard, either by announcements, postings, or emails, but you may still reach out to me through email with course related questions.

4- All course work must be carried out individually. Sharing materials with classmate, especially programming work including logic, and/or modifying the materials to fabricate and reproduce other versions is very seriously treated based on the CUNY Academic Integrity Policy (*posted on Blackboard*).

5- All assignments and projects must be *submitted by the deadline dates and times* in the form of *reports* showing the solution method, full codes developed, and outputs produced for the tasks indicated. You may also be asked to demonstrate and explain your program in person. *Submissions made by email will not be accepted. Deadline dates and times are strictly observed*.

6- One exam will be given in class. You are expected to be available at the beginning of the class period. No extra time will be given for late arrivals. No make-up exams will be considered for absent students.

7- Any disagreement resulting from grading must be reported in writing for resolution.

8- The school requires all faculty members to verify that students are actually attending the courses in which they are enrolled. Certification of enrolment is based on class attendance and made early in the semester. *Non-certification will result in a WN grade for the class*.

Computing Facilities:

The computer language used for this class is Java and its IDE as implemented in today's available computer systems. Students are expected to complete their programming assignments and final project using a Java IDE of their own choice installed on their own personal computers or laptops.