Co Sci 452 – Programming in Java

Course Information
Online course using Canvas and Pearson REVEL

Pre-requisite
Co Sci 407 – Programming Logic

Course Description
Covers Java language and object-oriented programming paradigm. Topics include Java expressions, control structures, methods, Java classes, overloading, object references, inheritance, polymorphism, Java library packages, exception handling, file I/O, applets, GUI, and event handling. Introduces to data structures such as stacks, queues, and trees.

Student Learning Outcomes
1. Demonstrate good coding practice in documentation, modular programming and by using external methods and references.
2. Code and debug structured/object-oriented programs created in the Java programming language.
3. Use variables and constants as applied to programming; applying programming logic to selection and repetition structures.
4. Reference the elements passed as parameters between methods in a Java programming project.

Required Text Book(s)
Introduction to Java Programming, Comprehensive *by Y. Daniel Liang.*   ISBN-13: 9780133761313

Course Schedule
Note: Schedule subject to change. Please check etudes regularly for material covered, project/assignment due dates and exams

Week	Chapter	Labs	Exam
1	Chapter 1 Introduction to Computers, Programming, and Java		
2	Chapter 2 Elementary Programming	Lab 01	
3	Chapter 3 Selections	Lab 02	
4	Chapter 4 Mathematical Functions, Characters, and Strings	Lab 03	
5	Chapter 5 Loops	Lab 04	
6	Review	Lab 05	**Exam 1 (1-5)**
7	Chapter 6 Methods		
8	Chapter 7 Single-Dimensional Arrays	Lab 06	
9	Chapter 8 Multidimensional Arrays	Lab 07	
10	Chapter 9 Objects and Classes	Lab 08	**Exam 2 (6-8)**
11	Chapter 10 Object-Oriented Thinking	Lab 09	

12	Chapter 11 Inheritance and Polymorphism	Lab 10	
13	Review	Lab 11	**Exam 3 (9-11)**
14	Chapter 12 Exceptional Handling and Text I/O		
15	Chapter 13 Abstract Classes and Interfaces	Lab 12	
16	**Thursday**	Lab 13	**Final Exam**

Course Evaluation Criteria

The graded assignments will be evaluated using the following weighted categories:

Category	Weight
Revel	30 %
Labs	40 %
Exams	30 %
TOTAL	**100%**

Important and Useful Information

Student Services

To find a comprehensive list of services visit http://www.lamission.edu/students/.

Student e-mail ID

Visit the https://student.laccd.edu/sso/ to login to your **student.laccd.edu** account. Important announcements from the LACCD, LAMC, and your Instructor will be sent to this e-mail. It is your responsibility to check this email, by logging on to it regularly. If necessary, ensure that the e-mails from here are being forward.

Disabled Student Programs and Services (DSP&S)

If you are a student with a disability and require classroom accommodations, please see me to discuss arrangements. The sooner I am aware that you are eligible for accommodations, the quicker I will be able to provide them. If you have not done so already, you may also wish to contact the DSP&S Office in Instruction Building 1018 (phone #818.364. 7732/TTD 818.364.7861) and bring a letter stating the accommodations that are needed.

Students requesting academic accommodations should use the following procedure:
Step 1: Obtain documentation of your disability from a licensed professional. You may contact DSPS to request a Disability Verification Form.
Step 2: Make an appointment to meet with a DSPS Specialist to review your documentation and discuss reasonable accommodations.
        To schedule a meeting, please call DSPS at (818)364-7732.
Step 3: Bring your disability documentation to your DSPS appointment. The DSPS office is located in room 1018 of the Instructional Building.
Step 4: Each semester, reach written accommodation agreement with the DSPS Specialist and your instructor.

To be most effective, students should complete this process by the end of the 3rd week of the semester. Tests with required accommodations must be taken at the DSPS office

EMERGENCY PROCEDURE:

*If a campus emergency that poses risk to students occurs, please be prepared to immediately follow the instructions of your Instructor.
*Do not exit the classroom until instructed to do so.
*If building evacuation is required, you will be asked to leave all of your non-essential personal belongings in the classroom.
*Quickly, yet orderly and safely, exit the classroom and the building, preferably through main entrance.
*Proceed to the Quad.
*As the last person to exit, I will lock the classroom door behind me and meet you at the Quad in order to account for your presence and safety.

Recording devices in classroom

Section 78907 of the California Education Code prohibits the use of any electronic audio or video recording devices, without prior consent of the instructor (including cell phones, laptops, MP3 players, and more)

Important Dates to Remember

Accurate/current information can be found at http://www.lamission.edu/students/calendar.aspx

Instructor Information

Contact Information

NAME: Milan Samplewala

EMAIL: samplem@lamission.edu

PHONE: (818) 833-3385

OFFICE: CMS 230

Office Hours

I am available in person. For my office hours check my website. http://lamission.edu/~samplem2

Virtual Office Hours

I am also available for virtual office hours – one Tuesday morning and one Thursday evening session using CANVAS CHAT. Click CHAT in the course navigation links.

Course Policies

Grade Conversion

The final grades will be calculated from the percentages earned in the course, as follows:

Grade	Percentage	Credit
A	90–100%	4.0

B	80–89%	3.0
C	70–79%	2.0
D	60–69%	1.0
F	<60%	0.0

Attendance

If the student is inactive, the instructor may exclude the student from the class. For online classes, you required to complete all assignments on time. Failure to complete reading assignments, submit assignments on time, submitting programming assignments and taking exams on time may result in me dropping you from the class.

Turnaround/Feedback

During the week (M-F) I will check conversations and monitor the discussion board several times a day. If you have a concern and send me a message, you can expect a response within two days.

Incomplete Policy

A student who has successfully completed more than 80% of the entire semester course work at end of semester and has communicated with the instructor with a justifiable explanation may be considered for an incomplete grade.

Reminder

If you stop attending a class (or wish to drop a class), ***please*** drop the class ***yourself*** – on or before May 07, 2017. Drop classes with a "W", before May 07. Failure to drop the class in a timely manner will result in letter grade of (A, B, C, D or **F**).

Academic Integrity

Plagiarism

All students must comply with the policies that regulate all forms of academic dishonesty, or academic misconduct, including plagiarism, self-plagiarism, fabrication, deception, cheating, and sabotage.

Student Conduct

Please make yourself familiar with
http://www.lamission.edu/aso/docs/STANDARDS%20OF%20STUDENT%20CONDUCT.pdf
document