

CSIT-890 - Object-Oriented Programming in Java

Prerequisites: CSIT-802 - "Introduction to Computer Science" with a grade of C or better.

Description: Principles of object-oriented design and programming using Java

Section(s): 14868, 14876

Meetings:

Tuesday	LEC	5:45pm - 7:50pm	in Valley-E 107
	LAB	7:50pm - 9:55pm	in Valley-E 107
Thursday	LEC	5:45pm - 7:50pm	in Valley-E 107
	LAB	7:50pm - 9:55pm	in Valley-E 107

Instructor: Zare Agazaryan

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Textbook: Required:

Starting Out with Java: From Control Structures through Objects
7th Edition
By Tony Gaddis, Haywood Community College
ISBN-13: 978-0134802213
ISBN-10: 0134802217
Publisher: Pearson; 7th edition (February 26, 2018)

Schedule:

Week	1	-	Tue, Apr 9	Ch. 1. Introduction to Java
Week	1	-	Thu, Apr 11	Ch. 2. Java Fundamentals
Week	2	-	Tue, Apr 16	Ch. 3. Decision Structures
Week	2	-	Thu, Apr 18	Ch. 4. Loops and Files
Week	3	-	Tue, Apr 23	Ch. 5. Methods
Week	3	-	Thu, Apr 25	Ch. 6. A First Look at Classes
Week	4	-	Tue, Apr 30	Ch. 7. Arrays and ArrayList Class
Week	4	-	Thu, May 2	Midterm Exam (8:00pm - 10:00pm)
Week	5		Tue, May 7	Ch. 8. A Second Look at Classes and Objects
Week	5		Thu, May 9	Ch. 9. Text Processing and More about Wrapper Classes
Week	6		Tue, May 14	Ch. 10. Inheritance
Week	6		Thu, May 16	Ch. 11. Exceptions and Advanced File I/O
Week	7		Tue, May 21	Ch. 16. Recursion
Week	7		Thu, May 23	Ch. 17. Databases
Week	8		Tue, May 28	Review
Week	8		Thu, May 30	Final Exam (4:30 - 6:30pm)

Grading: Lecture participation	10%	Lecture participation is mandatory. Active participation in LAVC Canvas discussions will count towards participation grade.
Lab participation	10%	~10 lab assignments. All lab assignments must be submitted via HyperGrade (Course code 10567).
Homework programming assignments	25%	There will be 10 homework assignments from "Programming Challenges" at the end of each chapter. All homework assignments must be submitted via HyperGrade (Course code 10567).
Midterm Exam	25%	There will be one test/exam approximately midway through the course. This will be a combination of a programming assignment and a set of multiple choice questions.
Final Exam	30%	There will be one test/exam at the end of the semester as per LAVC final exams schedule. This will be a combination of a programming assignment and a set of multiple choice questions.
Total	100%	