



Application Programming

Week 1

Lecture 1

Deliverables



- Introductions
- Course overview
- Semester information
- Setting expectations

About Me

- Name: **Hend Alkittawi**
- Office: NPB 3.316
- Office Hours:
 - MW 10:00 – 11:30
 - TR 10:00 - 11:00 and 1:00 - 2:00
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Syllabus

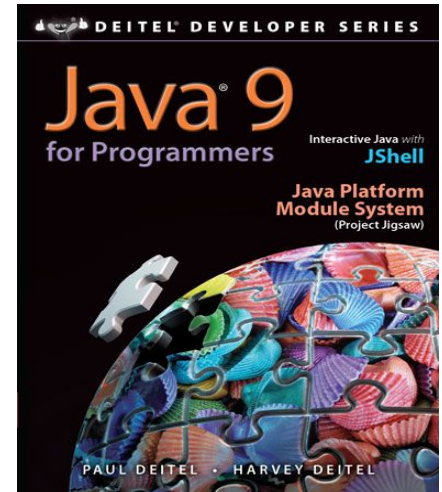


- Course Objectives

- Use and master the *essential features of Java* including control, parameter passing, arrays, ArrayLists & Strings.
- Use and master *object-oriented principles* to develop and implement computer based solutions to problems.
- Be introduced to elements of *GUI design and event-driven models* of execution.
- Be introduced to *tools in the development environment*, including Eclipse, UML class diagrams, and source control.
- *Develop an application* as a group project, using the principles and practices covered.

Syllabus

- Prerequisite: CS 2124 Data Structures
- Grading
 - Quizzes ~ 10%
 - Labs ~ 36%
 - Project ~ 25%
 - Exams ~ 29%
- For your reference
 - [Academic calendar](#)



[Link to Book](#)

Quizzes



- 6 Quizzes
- Online via BB
- No late quiz submissions will be accepted
- Quizzes are not timed
- You may use online resources or any materials
- Collaboration is not permitted

Labs



- 6 labs
- All labs will be submitted on Blackboard; Export the project and upload the zip file.
- The name of each project must be **abc123-labX**, where abc123 is your UTSA ID and X is the number of the lab. All letters are lowercase.
- The name of your submission must be abc123-labX.zip. All letters are lowercase.
- Any submission not following these requirements may not receive credit.
- Labs must be completed individually. Collaboration with anyone violates the policies for academic integrity.
- You may discuss algorithms and approaches with others. You may not code together, share code, or share a computer, under any circumstance.

Project



- Think about what type of app you want to create this semester.
([sample projects](#))
- Team formation [by 9/2]
- Project proposal [due 9/23]
- Project demo [due 11/26]
- Project code [due 12/1]
- Team participation survey [due 12/1]

Exams



- Two exams
- Mid exam (Week 8)
- Final Exam
 - MWF 12:00 - 12:50 PM → Friday, December 9, 2022 11:00 - 12:50 PM
 - MWF 2:00 - 2:50 PM → Wednesday, December 7, 2022 1:00 - 2:50 PM

Important ...



The slides are used to guide the flow of the class, and are not meant to be the only reference for solving the labs, or for studying for the exams.

For the next class ...



- Think about your project
- Review chapters 1 - 3
- Keep in mind ...

“Software development is hard, but it opens the door to great opportunities. Accept that it is hard, embrace the complexity, enjoy the ride.”