



Course Code-Name	CSE212: Software Engineering Methodologies
Course Schedule	Section-1: Mon 14:00-15:50 Lab: Tue 09:00-10:50 Section-2: Mon 14:00-15:50 Lab: Tue 09:00-10:50 Section-2: Mon 14:00-15:50 Lab: Thu 09:00-10:50
Instructor's Name Phone E-mail Office Hours	Tacha Serif (A-409) (216) 578 04 70 (x-1470) tserif@cse.yeditepe.edu.tr
Assistant's Name Phone E-mail	TBA
Textbook & Supplementary Materials	Java: How to Program, by H.M.Deitel & P.J. Deitel (8 th Edition ISBN 0131364839 or 11 th Edition ISBN 9781292223858) . Java in a Nutshell: A Desktop Quick Reference, by David Flanagan, O'Reilly (5th Edition)
Recommended Prerequisites	
Course Outline	Week-1 Introduction to Object Oriented Programming Week-2 Objects & Classes Week-3 Method calls & Type conversions Week-4 Inheritance Week 5 Polymorphism Week-6-7 Collections and Array & ArrayLists Week-8 Exception Handling Week-9-10 GUI Week-11-12 Multithreading Week-13-14 Multithreaded GUI
Midterm Dates	Midterm I - Week 7 Midterm II - Week 12
Grading	Assignments 15% Term Project 15% Laboratory Work 15% Midterm I 15% Midterm II 15% Final 25%
Attendance	▪ 80 %



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Course Objectives	<ul style="list-style-type: none">i. Adequate knowledge in mathematics, science and engineering subjects pertaining to the relevant discipline; ability to use theoretical and applied knowledge in these areas in complex engineering problems.ii. Ability to identify, formulate, and solve complex engineering problems; ability to select and apply proper analysis and modeling methods for this purpose.iii. Ability to design a complex system, process, device or product under realistic constraints and conditions, in such a way as to meet the desired result; ability to apply modern design methods for this purpose.iv. Ability to devise, select, and use modern techniques and tools needed for analyzing and solving complex problems encountered in engineering practice; ability to employ information technologies effectively.v. Ability to work efficiently in intra-disciplinary and multi-disciplinary teams; ability to work individually.
Additional Remarks	<ul style="list-style-type: none">♦ The book is an important resource for this course, but it will not be followed chapter by chapter. We will cover the usual material, but in an unusual way and order. So, each exam will cover material presented in class. There will be no well-defined chapter range from the book. So it is strongly recommended that you attend all lectures.♦ Cheating on programs will result in a grade of zero as well as forfeiture of any extra credit points earned throughout the entire semester for a first occurrence. All programs are supposed to be individually done. You cannot do the work with a partner. Cheating on tests or subsequent occurrences of cheating on programs will result in a grade of 'F' for the course. Any form of cheating will be reported to the faculty's relevant administrative body for further action. Plagiarism will be suspected if an assignment that calls for individual work results in two programs so similar that one can be converted to another by purely mechanical transformations.♦ For updates and announcements visit the CSE212 web page at https://yulearn.yeditepe.edu.tr/