CMPE 160
Introduction to Object Oriented Programming
Spring 2018

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Assistant:    TBA
Timing & Place:  Lecture:    M 3 (KP 01),    WW 67 (NH 405)
Course book:      PS:    ThTh 56 (Section 1) or FF 34 (Section 2)
Web Site:      None. All course content is managed through Teaching.Codes system.
Aim:        This course aims familiarizing the students with object-oriented design and programming.
             In addition to the OO paradigm, basic data structures (stacks, queues, linked lists, trees) are taught. Java is used as the tool for programming.
Grading:     Midterm #1: 15%
             Midterm #2: 20%
             Projects: 30% (3 projects)
             Quizzes: 15%
             Final: 20%
Midterm dates:  Midterm #1: March 21, 2018          Midterm #2: April 25, 2018
Tentative Course Outline:
             Weeks 1&2: Introduction; Software documentation
             Weeks 2&3&4: Classes and objects; Encapsulation
             Weeks 5&6: Inheritance; Packages; Interfaces
             Weeks 7&8: ArrayLists; Java Collections Framework
             Week 9: Algorithm Analysis
             Week 10: Lists, Stacks, and Queues
             Weeks 11&12: General tree structure; Binary trees; AVL trees; B-Trees
             Weeks 13: Hashing
Course Policy:    Announcements are sent through the e-mail list. The e-mail list is constructed using the e-mail addresses in ÖBIKAS. Therefore, make sure that your ÖBIKAS information is up-to-date and you check that e-mail account daily. All lecture notes and exam results are made available through Teaching.Codes system.
We apply “no mercy” rule for cheaters. Please stick with the honour code.