CMPE 160
Introduction to Object Oriented Programming
Spring 2011

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Assistant: TBA  office: -  ext: -  e-mail: -
Timing & Place: Lecture: MM 56 (NH103); W 2 (NH102)
Course book: • *Building Java Programs: A Back to Basics Approach*
  by Stuart Reges and Marty Stepp, Addison Wesley, 2007
  • Additional lecture notes will be made available when necessary

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: Midterms 30% (2 midterms)
Projects 30% (3 projects)
Quizzes 15%
Final 25%

Tentative Course Outline:
Week 1&2: Introduction, software documentation, Javadoc
Weeks 2&3&4: Classes and objects, encapsulation
Weeks 5&6: Inheritance and polymorphism
Week 7: Recursion
Weeks 8&9: Lists, array lists
Week 10: Stacks and queues
Week 11: Trees
Weeks 12&13: Binary trees

Course Policy: Announcements are posted on the course web site and also propagated through the e-mail list. The students are responsible for following all announcements.
Read the COURSE POLICY on the web page for the detailed meaning of "cheating."