COMPUTERS & PROGRAMMING II
21:198:102 (3 credits)

COURSE DESCRIPTION:
Solution of problems using recursive methods and dynamic data structures. Recursive functions, object oriented programming, text processing, external files, and elementary software engineering.

IMPORTANT NOTE:
All assignments should be done on the Pegasus (UNIX) system and must be handed in as hard copy (paper) at the beginning of the class for which it is due. Assignments done on other platforms (operating systems) that do no run on the UNIX system will not receive full credit.


DEPARTMENT WEB SITE: http://www.ncas.rutgers.edu/math

THIS COURSE COVERS THE FOLLOWING:
Chapter 7
7.1-7.5, 7.7-7.8 Object-Oriented Design

Chapter 9
9.1-9.5 Inheritance

Chapter 10
10.1-10.6 Polymorphism

Chapter 11
11.1-11.6 Exceptions

Chapter 12
12.1-12.3 Recursion

Chapter 13
13.1-13.5 Collections

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