Instructor  Dr. Waleed A. Yousef

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       Webpage:  http://highered.mcgraw-hill.com/sites/0073375977/information_center_view0/

      Webpage:  http://www.cs.st-andrews.ac.uk/~ifs/
      Webpage:  http://homepages.inf.ed.ac.uk/perdita/Book/

Prerequisite  CS111 (it is very recommended that at least one programming course and a course in data structures are studied).

Objectives  Three main objectives are in this course: First, to develop the maturity of the programmer to consider very important issues related to software than pure programming aspects. Second, to learn the UML as a design language. Third, to be very comfortable design using CASE tool, e.g., the open source Jdeveloper. This course is the first part of a two-semester course; the second part is SWEII.

Syllabus  The course covers the first 13 chapters of Pressman in lecturers; almost at the rate of one chapter per lecture.
       The labs will cover the following:
       - UML design from Stevens; almost the half of the book.
       - Following up the project progression and assigning grades.
       - Using the CASE tool

Project  1- Groups should be formed in the first week.
       2- Projects should be selected (from the offered list) or proposed by the end of second week.
       3- Any fudging, copying, or any form of illegal reproduction results in getting a grade of -3 out of 30.

Grading  Project: 50%, and Final Exam: 50%.