Announcing a new MBA course

Object-Oriented Systems, Concepts and Approach

Fall 1999
198:640:40

January 18, 2000

Instructor: Professor Farid Alizadeh alizadeh@andromeda.rutgers.edu

Class hours: Tuesdays 6:00-9:00 pm, First Class meets on January 25, 2000

Classroom: Englehart, 203, Newark Campus

Prerequisite: Good knowledge of a traditional programming language (for example: C, Pascal, Fortran, or any similar language) and MBA standing or permission of instructor

Course Web page: http://andromeda.rutgers.edu/alizadeh/CLASSES/00sprMIS640

Course Overview

In this course you will learn basic principles of object oriented (OO) programming and system design, with particular emphasis on using UML modeling language. Java 2 will be the main platform for teaching object-oriented software design. Topics include coverage of main principles of OO design such as abstraction, inheritance, encapsulation and polymorphism. In addition we will briefly cover related subjects such as distributed computing; in particular threads and an overview of CORBA object brokerage system will also be presented. The emphasis of examples and projects will be on business applications, for instance some e-commerce-related projects will be presented.

Upon successful completion of this course you will be able to design fairly complex and sophisticated systems using OO techniques.

Please note: This is not a Java course per se, but rather a course on object oriented software design. While we cover a large portion of Java’s facilities, our emphasis will be on software engineering techniques and not on particular nuances of Java.

Texts:

Main Text:

John Hunt: Java for Practitioners Springer-Verlag, 1999

Recommended Text: