Course Title: Object-Oriented Analysis & Design with UML

Course Description:
Object-Oriented Analysis and Design is intended as a first course in object-oriented methodology, focusing on the difference between older process-oriented methods and object methodology. Lecture; not a programming course.

Course Prerequisite(s):
Experience in writing programs in one or more high-level programming languages (object-oriented language not required).

Course Objectives: Understand the techniques and methods of object-oriented analysis, design, and programming that contributes to a more reliable system. Specific object-oriented languages will be referenced only for the purpose of relating object-oriented constructs within the languages.

Textbook(s):
Applying UML and Patterns: An Introduction to OOAD 3rd Edition
Larman; Prentice Hall
ISBN: 0131489062

Certification Notes:

Next Class Possibilities:
Rational Rose XDE Developer

Instructor Notes:

Lesson Plan – by week or session
Session 1: Part I – Introduction
Session 2: Part II - Inception
Session 3: Part II - Continued
Session 4: Part III – Elaboration Iteration 1 - Basics
Session 5: Part III - Continued
Session 6: Part IV – Elaboration Iteration 2 – More Patterns
Session 7: Part V – Elaboration Iteration 3 – Intermediate Topics
Session 8: Part V – Continued; Part VI – Special Topics