

COSC 061 Object-Oriented Software Design

Spring 2006

INSTRUCTOR

Dr. Sheikh Iqbal Ahamed

Phone: (414) 288-5222

Class room: CU 412

Meets: MW 3:00-4:15pm

Office: CU 386

Office hours: Monday 2:00-3:00pm

Wednesday: 2:00-3:00pm and 8:30-9:00pm(my graduate class ends
at 8:25pm)

or by appointment

Email: iq@mcs.mu.edu

Course URL: D2L (<https://d2l.mu.edu>)

Teaching Assistant

Md. Munirul Haque

Email: md.haque@mu.edu

Lab: CU 101 (Tuesday 8:00-9:50am)

Description

Software development using Java. Topics include classes and interfaces as design patterns, the Java API, current object-oriented design methodologies, an introduction to the Internet and the development of Web applications. Projects involve the development of graphical interfaces and net-centric applications. 3 hrs. lecture, 2 hrs. lab. Offered every term. Prereq: COSC060; or advanced placement required.

Text **Big Java**

book: **Cay Horstmann *second edition***

Website of the textbook: http://www.wiley.com/college/sc/horstmann/bigj_index.html

Course Objectives

- Each student will become familiar with Object-oriented Software Design.
- Students will learn different object oriented features such as polymorphism, inheritance, interfaces of Java
- Students will become familiar with graphical interfaces programming.
- Each student will learn how to develop net-centric applications.

- Students will achieve a moderate level of skills, including a thorough understanding of the object oriented software construction..

Computing Facilities

- You will be using the computer lab (CU101). You have been given access to the room..

Communications: I expect to be able to contact you via email. Homework assignments updates, hints, and items of interest may be distributed by e-mail and on the class web site/D2L.

Grading: 30% Assignments
 10% Project
 10% Lab
 10% Quiz
 10% Exam 1
 10% Exam 2
 20% final exam on Friday, May 12, 3:30-5:30pm

[94 - 100]	A	[90 - 94)	AB
[84 - 90)	B	[78 - 84)	BC
[70 - 78)	C	[64 - 70)	CD
[55 - 64)	D	below 55%	F

Late Policy: Assignments are due at the beginning of the class period. A late assignment will be accepted for two class periods beyond the due date with a 20% penalty for each class period that is late. No assignments will be accepted more than two class periods late.

Honesty: Unless otherwise stated, all work you turn in must be your own. Your assignments should be completed by YOU without excessive help from anyone. You are encouraged to refer to outside material such as web pages, research papers, white papers and books but you need to cite references and write solutions in your own words.