



**MIS 6323 – Object Oriented Programming**  
**Summer 2017 (May 30, 2017 – August 10, 2017)**

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**Professor's Contact Information**

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**General Course Information**

Course Description

Introduces MIS majors to computers, computer programming, and problem solving using programs. Topics covered include the general characteristics of computers; techniques of problem solving and algorithm specifications; and the implementation, debugging, and testing of computer programs. The goal is to learn to solve small programming problems and to write their solution as high quality small programs in Java.

Prerequisites

Since this is an introductory course, there are no prerequisites in terms of prior course-work.

Required Hardware and Software

1. Laptop REQUIRED (Windows or Mac OS) from first day of class.
2. The following software is required from first day of class

**Java JDK - Java SE 8 Update 91**

- ❖ For Window OS Users: Edition: Standard Edition (SE), Version: 8, Update: 91
- ❖ Important Note: Many editions, versions, and updates of Java JDK are available for downloads. Students must be sure that the correct version of Java JDK is selected, downloaded, and installed
- ❖ There are 2 versions of the Java JDK, 32-bit and 64-bit, available for downloads. Students can install the 32-bit version or the 64-bit version
- ❖ Free download of Java JDK – Java SE 8 Update 91 Link:  
<http://www.oracle.com/technetwork/java/javase/downloads/index.html>
- ❖ Choose: Java SE Development Kit 8u91
  - Java JDK file name to download for 32-bit: Windows x86
  - Java JDK file name to download for 64-bit: Windows x64



- Java JDK file name to download for Mac: Mac OS X x64

### **Eclipse IDE for Java Developers**

- ❖ Free download of Eclipse: <http://www.eclipse.org/downloads/>
- ❖ Important Note: Many packages of Eclipse IDE are available for downloads. Students must be sure that the correct package of Eclipse (Eclipse IDE for Java Developers) is selected, downloaded, and installed.
- ❖ The version of Eclipse IDE must be compatible with the version (32-bit or 64-bit) of the Java JDK. If the 32-bit Java JDK is installed, Eclipse IDE of 32 bit must be used.

### Required Text & Materials

Online interactive book. Subscription details will be provided in the first day of class. [www.zybooks.com](http://www.zybooks.com)

### Supporting Text and Materials

Java Programming, 8th edition, Joyce Farrell  
ISBN-13: 978-1-285-85691-9  
ISBN-10: 1-285-85691-0

### Supporting Information

- ❖ Suggested tutorials: <http://docs.oracle.com/javase/tutorial>
- ❖ Supplemental Notes will be posted on eLearning course site
- ❖ All the required software applications are currently available in JSOM labs PCs. Students can use these PCs for their class work whenever the labs are open.

### Academic Calendar

The following is a tentative schedule, which I will try to follow as closely as possible. Any changes that become necessary will be announced in class and posted in eLearning course site.

<b>Date</b>	<b>Zybooks/Zylabs</b>	<b>Java Programming: Farrell</b>	<b>Comments/Notes</b>
6/5/2017		Course Introduction & Chapter 1	
6/12/2017		Chapters 2 & 3	Project Instructions
6/19/2017		Chapters 3 & 4	
6/26/2017		Chapters 4 & 5	<b>Project 1 Due</b>
7/3/2017		<b>EXAM 1</b>	In testing center (make appointment)
7/10/2017		Chapters 5 & 6	
7/17/2017		Chapters 6 & 8	



7/24/2017		Chapters 8 & 10	<b>Project 2 Due</b>
7/31/2017		Chapters 10 & 14	
8/7/2017		<b>EXAM 2</b>	In testing center (make appointment) <b>Project 3 Due</b>

### Grading Criteria

Programming Projects	3 projects each 20 points	60
Labs/Learning Activities		15
Exam 1		10
Exam 2	Comprehensive (closed book)	15
<b>Total</b>		<b>100</b>

### Grading Scale

A	90 – 100
B	79 – 89
C	67 – 78
F	66 or less

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### **UT Dallas Syllabus Policies and Procedures**

The information contained in the following link constitutes the University's policies and procedures segment of the course syllabus.

Please go to <http://go.utdallas.edu/syllabus-policies> for these policies.

***The descriptions and timelines contained in this syllabus are subject to change at the discretion of the Professor.***