ISM 3254: Business Systems 1
Fall 2017, Module 1, AUG 21 -- OCT 06
Department of Information Systems and Operations Management
Instructor: Jingchuan (Jing) Pu

General Information

Classroom	HVNR 240
Class Hours	Monday & Wednesday, 7:25 am to 9:20 am
Instructor's Office	STZ 355B
Office hours:	Monday 2:00 pm to 4:00 pm, or by appointment

Course Description/ Purpose

"This course introduces the basic tools for building business systems [mostly desktop applications/software] using object-oriented programming paradigms." This course aims to provide fundamental knowledge of programming with Java, and introduce the core concepts of Object-Oriented programming. The top priority of this course is to learn how to think like a programmer and start to use programming to solve some real problems.

Java is currently the most popular and used programming languages in the world.

Worldwide, Aug 2017 compared to a year ago:

Rank	Change	Language	Share	Trend
1		Java	22.7 %	-0.7 %
2		Python	16.3 %	+3.7 %
3		PHP	8.9 %	-1.1 %
4		C#	8.3 %	-0.5 %
5		Javascript	8.0 %	+0.5 %
6		C++	6.6 %	-0.2 %

Source: PYPL PopularitY of Programming Language; Link: http://pypl.github.io/PYPL.html

Recommended Textbook (Not required)

Liberty & MacDonald, "Think Java - How to Think Like a Computer Scientist," Allen B. Downey and Chris Mayfield, Version 6.1.0 (Link: http://greenteapress.com/thinkjava6/thinkjava.pdf)

Sierra, K., & Bates, B., "Head First Java: A Brain-Friendly Guide," O'Reilly Media, Inc, Version 2.0. (Link: https://www.amazon.com/gp/product/0596009208)

Required Software (available online for **free**)

       Java for desktop (available for free at https://java.com/en/download/)

       Eclipse for Java (available for free at https://www.eclipse.org/downloads/)

       BlueJ Development Environment (available for free at http://www.bluej.org/) (**Required**)

All students are required to bring their personal **Laptops to every class.

Class Format

This course will utilize a "**class/lab**" approach. Students will learn programming concepts during the first half of each class, and will work on coding assignments during the second half.

Grading

Midterm Exam	20%
Final Exam	30%
Group Assignments	30%
Individual Project	15%
Group Presentation	5%

Letter Grade	A	A-	B+	B	B-	C+	C	C-	D
Percentage Points	100 – 94	93.9 – 91	90.9 – 88	87.9 – 85	84.9 – 82	81.9 – 79	78.9 – 76	75.9 – 73	72.9 – 60

Exams: The exams are designed to test both your conceptual understanding and programming ability. See the class schedule below for the exact dates.

Group Assignments: There will be group assignments in most of the classes. You will be placed into groups at the beginning of the module and remain in the same group for the entire module. Students will work on the assignments in groups and submit one submission per group. However, it is responsibility of **each student** to confirm the correctness of the solution and successful submission of the assignment. Each group member should fully understand the assignments.

Individual Project: Individual projects are due on the final week of the class. See the class schedule below for the exact date.

Group Presentations are short (5 minutes, 5 slides PPT). They will be presented by one or two students at the beginning of each class. The list of topics will be announced in the first class and posted on Canvas. **There will be no extra credits for this course.**

Course Website

This course is administered on Canvas, which can be found at http://elearning.ufl.edu. You can login in with your gator-link username and password and then click on ISM 3254. Lecture notes,

homework, announcements, grades etc. will all be posted on Canvas.

Proposed Class Schedule (Subject to Change)

Dates	Due/Exam	Topic
08/21	Group Formation	Types and Variables
08/23	Presentation Topics/Dates	
08/28		Operators, Good Programing Practice/ Habits
08/30		
09/04	No Class	Conditionals
09/06		
09/11	Midterm Exam	Loops
09/13		
09/18		Methods
09/20		
09/25		Arrays
09/27		
10/02	Final Projects Due	Object Oriented Programming
10/04	Final Exam	

NOTE**:** The schedule and the syllabus is subject to change at any time by the instructor.

Communication

The preferred and **fastest** method of communication for the class is through Canvas. Students may contact the instructor by sending emails to jingchuan@ufl.edu, but when using direct emails (not through Canvas) **you need to include "ISM3254" in the title** (e.g. ISM3254-when will our grades be posted?) – If you do not, I will likely never see your message.

Course Policies

➢ **Makeup Exams: No makeup exams** will be given unless you have a compelling reason and can provide sufficient evidence. Conflicts for the exams must be resolved before the exam dates. You should contact me at least two weeks prior to the exam date and let me know in writing. Last minute requests will not be entertained. The only reasons for not being able to sit for an examination in its announced time should be part of University policy, or a documented medical excuse. (university exams policies are available at:

https://catalog.ufl.edu/ugrad/current/regulations/info/exams.aspx)

➢ **Late Assignments: No late assignments** will be accepted. You'll be provided enough time to finish them.

➢ **Re-grading:** You may request a re-grade on any assignment/exam if you wish. **Please turn in a written appeal** that specifies the question and a brief explanation of why you believe the grading is not correct. Any

appeal without sufficient proof will not be accepted. All requests must be made **within one week** of the date the assessment score is released on Canvas.

➢ **Extra Credit Work:** There will be **no extra credit work available** at any time for any part of the coursework.

➢ **Attendance**: Students are required to **attend all the classes** and to arrive **on time**. Students need to provide **supporting documents** if they have to miss a class due to acceptable reasons such as illness, serious family emergencies, court or military obligation, severe weather conditions, religious holidays, and participation in official university activities. Requirements for class attendance and make-up assignments, and other work in this course are consistent with university policies that can be found at:
https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx.

Laptops are required for the course. However, Laptops and other electronic devices should be used with discretion and only for work directly related to the class session. Emailing, accessing the internet for fun, and working on matters unrelated to the course materials are inappropriate behaviors because they are disrespectful and distracting to the class and to the instructor.

➢ **Academic Integrity:** Plagiarism and Cheating of any kind on an examination, quiz, homework or project will not be tolerated. For any academic class activity, students must follow the University of Florida Student Honor Code. Any violation of the honor code **will** automatically result in a grade of E (Fail) for this course and further sanctions that may include a suspension or expulsion from the University through the Dean of Students Office. All incidents **will** be reported to Student Conduct and Conflict Resolution at the University of Florida.

➢ **UF Honesty Policy:** "UF students are bound by The Honor Pledge which states, "We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honor and integrity by abiding by the Honor Code. On all work submitted for credit by students at the University of Florida, the following pledge is either required or implied: "On my honor, I have neither given nor received unauthorized aid in doing this assignment." The Honor Code (http://www.dso.ufl.edu/sccr/process/student-conduct-honor-code/) specifies a number of behaviors that are in violation of this code and the possible sanctions. Furthermore, you are obligated to report any condition that facilitates academic misconduct to appropriate personnel. If you have any questions or concerns, please consult with the instructor or TAs in this class."

➢ **Students with Disabilities:** "Students with disabilities requesting accommodations should first register with the Disability Resource Center (352-392-8565, www.dso.ufl.edu/drc/) by providing appropriate documentation. Once registered, students will receive an accommodation letter which must be presented to the instructor when requesting accommodation. Students with disabilities should follow this procedure as early as possible in the semester."