

ISM 3254: Business Systems 1

Fall 2016, Module 1

Instructor: Mohammadmahdi (Mahdi) Moqri

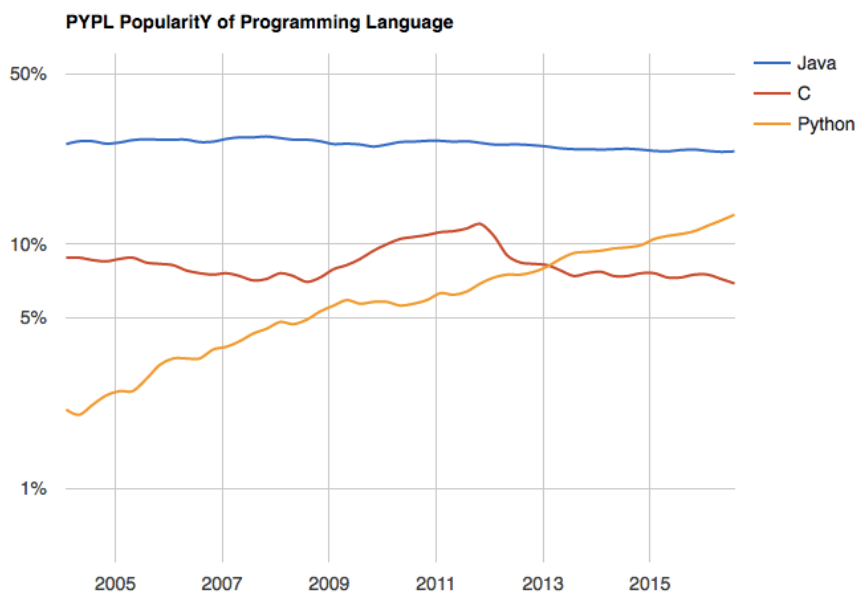
General Information

Classroom	HVNR 240
Class Hours	Mondays & Wednesdays, 7:25am to 9:20am
Instructor's Office	STZ 361E
Office hours:	Wednesdays 2:00pm to 4:00pm, or by appointment

Course Description

"This course introduces the basic tools for building business systems [mostly desktop applications/software] using object-oriented programming paradigms."

We learn the Java programming language and the concepts of Object-Oriented Programming. Java is currently the most popular and used programming languages in the world.



<http://pypl.github.io/PYPL.html>

This course aims to provide fundamental knowledge of programming with Java, while illustrating the core concepts of Object-Oriented programming.

Textbook (available online for free)

Liberty & MacDonald, "Think Java - How to Think Like a Computer Scientist," Allen B. Downey and Chris Mayfield, Version 6.1.0

(available for free at <http://greenteapress.com/thinkjava6/thinkjava.pdf>)

Required Software (both are available online for free)

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

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

*** All students are required to bring their personal **laptops** with them 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%

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 **each student** responsibility to confirm the correctness of the solution and successful submission of the assignment.

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.**

Letter Grade	A	A-	B+	B	B-	C+	C	C-	D	F
Percentage Points	100 – 93	92.9 – 89	88.9 – 85	84.9 – 81	80.9 – 77	76.9 – 73	72.9 – 69	68.9 – 65	64.9 – 60	59.9 – 0

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.

Tentative Class Schedule (Subject to Change)

Dates	Due/Exam	Topic
08/22	Group Formation	Types and Variables
08/24	Presentation Topics/Dates	
08/29		Operators and Methods (Functions)
08/31		
09/05	--- Holiday ---	Conditionals, Good Programing Style
09/07		
09/12		Loops
09/14	Midterm Exam	
09/19		Arrays
09/21		
09/26		Objects and Classes
09/28		
10/03	Individual Projects Due	Some cool stuff (GUI and Data Science) if time permits!
10/05	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 moqri@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. (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. Use your textbook, sample programs, C# documentation as a reference when writing your appeal. All requests must be made **within one week** of the date the assessment score is released on Canvas.
- **Attendance:** Students are required to **attend all the classes** and to arrive **on time**. 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>.

- **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.”