

ISM 3255 (Section 4885): Business Systems 2

Fall 2016, Module 2

Course Description

This course focuses on the C# programming language and the concepts of Object-Oriented Programming. C# is the preferred language on Microsoft's .NET platform and suitable for development of windows applications. This course aims to provide fundamental knowledge of programming with C# to the students, while illustrating the core concepts of Object-Oriented programming.

Note: The syllabus is subject to change at any time by the instructor.

Instructor

Xiaowei Mei (Will)
Office: Room 361B, Stuzin Hall
Office hours: Monday & Wednesday 2:00-3:00 pm
Email: xmei@ufl.edu

Recommended (Not required) Textbooks and Software

Liberty and MacDonald, Learning C# 3.0, O'reilly Media, 2008, ISBN-13: 978-0596521066.
(Main text).

C# 5.0 in a Nutshell, fifth edition, J. Albahari and B. Albahari, June 2012, O'Reilly. (Reference text).

Microsoft Visual Studio Express
(<https://www.visualstudio.com/en-us/products/visual-studio-express-vs.aspx>)

Course Website

This course is administered on Canvas. You can login in with your gatorlink username and password and then click on ISM 3255. Lecture notes, homework, announcements, grades etc. will all be posted on Canvas.

Grading

| | |
|-------------------------|-----|
| Quizzes (in-class) | 25% |
| Programming Assignments | 20% |
| Midterm Exam | 25% |
| Final Exam | 30% |

Quizzes: There will be a closed book, closed notes, computers off quiz for each topic which is shown in the table at the bottom.

Programming Assignments: Assignments are designed to reinforce in-class lectures and to promote some creative thinking. Some requirements in the assignments may require you to do further reading. You are welcome to consult fellow students in working on your assignment, but the code you submit must be your own. Do not copy or share code. Cheating will not be tolerated. Programming assignments should be turned in before 11:55 PM on their due date by submitting the .cs file under the appropriate assignment in Canvas.

Exams: The exams will be designed to test both your conceptual understanding and programming ability. The midterm exam date will be announced in class and on E-Learning in advance. The final exam will be as per the final exam schedule.

Course Policies

- **Makeup Exams:** No makeup exams will be given unless you have proper reason and can provide hard evidence.
- **Makeup Quizzes:** No makeup quizzes will be given unless you have proper reason and can provide hard evidence. **The lowest quiz score will be dropped though.**
- **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 the grading is incorrect. 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.**
- **Extra Credit Work:** There will be **no extra credit work available** at any time for any part of the coursework.
- **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.

Communication

Students may contact the instructor by sending emails to xmei@ufl.edu. In each email, please include "ISM3255" in the title (e.g. ISM3255-when will our grades be posted?). Do **NOT** use the email system in Canvas – if you do, I will likely never see your message.

Tentative Class Schedule (Subject to Change)

| Week | Topic |
|-------------|--|
| 1 | Course Introduction C# Basics |
| 2 | Console IO, Arrays |
| 3 | Functions Classes and Objects |
| 4 | Classes and Objects, cont. Inheritance and Polymorphism Midterm Exam |
| 5 | Inheritance and Polymorphism, cont. |
| 6 | Abstract Classes Interfaces |
| 7 | Abstract Classes, Interfaces, cont. Exception Handling, GUI (if time permits) |
| 8 | Final Exam |