Dillard College of Business Administration

SYLLABUS: Business Programming Language

MIS 3113, Section 101

Fall Semester of 2021

TR 9:30am-10:50am

DB 306 or Zoom Virtual Meeting (password: 3113)

Contact Information

Instructor: Dr. Grace Zhang, Professor of Management Information Systems
Office Hours: MW 9:30-11:30am, TR 12:30-1:00pm, also by appointments
Texting or Cell phone: (206)-724-1509
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Course Materials

- Starting Out with Python, 4/E. Gaddis. ISBN-10: 0134444329, ISBN-13: 9780134444321.
- Lecture notes and other additional materials will be provided in class and on D2L.
- Codecademy free interactive lesson of "Learn Python 2" and Udacity free course of "Introduction to Python Programming."
- D2L access to course-related activities. We will use D2L as the primary communication channel for the class.

Course Description

An introduction to a programming language that has relevance to business applications. Includes language theory and programming logic as well as implementation.

Course Prerequisite(s)

MIS 3003 or concurrent enrollment in MIS 3003

Learning Goals

General Learning Goals:

- Problem Solving and Decision Making. Various programming exercises from the textbook and External Interactive Lessons will be the primary means by which the students learn the essence of programming. These graded assignments are an essential portion of the overall course grade.
- Technology Utilization. Extensive use is made of business application technology throughout the course. Python will be demonstrated and used by the students. Students will also demonstrate their ability to use typical business computer applications by utilizing Microsoft Office applications.

These general learning goals are among those established by the Dillard College of Business Administration. General learning goals represent the skills that graduates will carry with them into their careers. While assessing student performance in obtaining these general learning goals, Dillard

College is assessing its programs. The assessments will assist us as we improve our curriculum and curriculum delivery.

Course-Specific Learning Goals:
After completing this course, students should be able to:

- Demonstrate programming techniques for problem-solving using Python
- Introduce the programming design using Python
- Comprehend programming concepts as the followings:
- Input, Processing, and Output
- Decision Structure and Boolean Logic
- Repetition Structure
- Functions
- Files and Exceptions
- Lists and Tuples
- More about Strings
- Dictionaries and Sets
- Classes and OO Programming
- Inheritance

Course Policies

Attendance Policy: Regular attendance is expected, and roll will be taken. Upon a student's 5th unauthorized absence, that student will be dropped for nonattendance and receive a grade of WF for the course. See the MSU Student Handbook for University Class Attendance Policy.

Missed Examination, Quiz, and In-class Exercises Policy: Only students with authorized absences (see University Class Attendance Policy) may make up missed examinations, quizzes (announced and unannounced), and assignments. Arrangements must be made in advance, if possible. In all cases, the instructor must be contacted no later than the day of the scheduled exam, or no makeup will be allowed. At the instructor's discretion, a deduction may be assessed for a late exam.

Grading and Evaluation

Student's performance will be assessed using the following elements.

1. Exams (3): Each exam will consist of multiple-choice and true/false questions, some short answers, and/or essay questions. Exams will cover assigned chapters, assignments, and any other related exercises.
2. Online Platform Learning: Codecademy Course "Learn Python 2" and Udacity free course of "Introduction to Python Programming."
3. Programming Exercises: programming exercises are required to apply the programming concepts in chapters. These exercises are from the chapters in the textbook. Students are required to finish these exercises on time and submit them via D2L Dropbox.
4. D2L Chapter Quizzes: there is a D2L quiz for each chapter. Students can make multiple attempts toward the quiz, and the answers are released to students upon each submission.
5. Attendance and Participation: Class participation in all kinds of formats (hands on, questions, answers, comments, and feedback) is highly encouraged to achieve a reasonable participation grade. Further, ad hoc quizzes might be administrated.

Grades will be allocated using the following scheme.

Element	Percentage	Letter Grade	Numeric Grade
Exams	40%	A	90-100
Codecademy and Udacity	15%	B	80-89
Programming Exercises	25%	C	70-79
D2L Quizzes	15%	D	60-69
Attendance & Participation	5%	F	<= 59
Total	100%		

Academic Integrity

Regarding academic honesty, students are referred to as the "Student Honor Creed" of Midwestern State University Undergraduate Catalog. Academic dishonesty (cheating, collusion, and plagiarism) is taken seriously and will be dealt with according to the formal procedures. The minimum penalty is an "F" in this course and referral to the Dean of Students for disciplinary action, which may result in expulsion from the University.

Americans with Disabilities Act

If a student has an established disability as defined in the Americans with Disabilities Act and would like to request an accommodation, that student should please contact me as soon as possible (i.e., within the first two weeks of the semester). This class follows the guidelines suggested by the Center for Counseling and Disabilities Services for those students who qualify for disability services. Please refer to details in the Midwestern State University Undergraduate Catalog.

Campus Carry

Senate Bill 11 passed by the 84th Texas Legislature allows licensed handgun holders to carry concealed handguns on campus, effective August 1, 2016. Areas excluded from concealed carry are appropriately marked following state law. For more information regarding campus carry, please refer to the University's webpage at Campus Carry Policies. If you have questions or concerns, please contact MSU Chief of Police Patrick Coggins at patrick.coggins@mwsu.edu.

Midterm Progress Report

To help students keep track of their progress toward course objectives, I might provide a "Midterm Progress Report" through the student's WebWorld account. The reported grade will be ONLY for at-risk students identified around the Midterm. The midterm grades will not be reported on the students' transcript, nor will they be calculated in the cumulative GPA. They simply give students an idea of where they stand at the midpoint of the semester. Students earning below a C at the midway point should schedule a meeting with the professor to plan for improvement during the rest of the semester.

Syllabus Change Policy

This syllabus is a guide for the course and is subject to change. It is not a contract. Syllabus changes will be communicated by notification in D2L and may or may not result in document changes. It is the student's sole responsibility to find out if anything affecting the course requirements has changed. Please check D2L and related emails regularly!

Tentative schedule

Please keep this syllabus as a reference! Students are responsible for all information contained in the syllabus and for any changes to the syllabus, which will be communicated in D2L.

Week	Date	Day	Chapter	Topic	Assignment Due
1	24-Aug	Tuesday	Introduction	Syllabus and Course Introduction	Appendix A &B
	26-Aug	Thursday	1	Introduction to Computers and Programming	**Ready to use Python**
2	31-Aug	Tuesday	2	Input, Processing, and Output	
	2-Sep	Thursday	2	Input, Processing, and Output	Programming Exercise
3	7-Sep	Tuesday	3	Decision Structure and Boolean Logic	
	9-Sep	Thursday	3	Decision Structure and Boolean Logic	Programming Exercise
4	14-Sep	Tuesday	4	Repetition Structures	
	16-Sep	Thursday	4	Repetition Structures	
5	21-Sep	Tuesday	4	Repetition Structures	Programming Exercise
	23-Sep	Thursday		**Exam 1 Chapter 1-4**	
6	28-Sep	Tuesday	5	Functions	
	30-Sep	Thursday	5	Functions	
7	5-Oct	Tuesday	5	Functions	Programming Exercise
	7-Oct	Thursday	6	Files and Exceptions	
8	12-Oct	Tuesday	6	Files and Exceptions	
	14-Oct	Thursday	6	Files and Exceptions	Programming Exercise
9	19-Oct	Tuesday	7	Lists and Tuples	
	21-Oct	Thursday	7	Lists and Tuples	
10	26-Oct	Tuesday	7	Lists and Tuples	Programming Exercise
	28-Oct	Thursday		**Exam 2 Chapter 5-7**	
11	2-Nov	Tuesday	8	More about Strings	
	4-Nov	Thursday	8	More about Strings	Programming Exercise
12	9-Nov	Tuesday	9	Dictionaries and Sets	
	11-Nov	Thursday	9	Dictionaries and Sets	
13	16-Nov	Tuesday	9	Dictionaries and Sets	Programming Exercise
	18-Nov	Thursday	10	Class and OO Programming	
14	23-Nov	Tuesday	10&11	Class and OO Programming, Inheritance	
	25-Nov	Thursday	No class, Thanksgiving Holiday		
15	30-Nov	Tuesday	10&11	Class and OO Programming, Inheritance	Programming Exercise
	2-Dec	Thursday		Review	Udacity and Codecademy
Final	**7-Dec**	**Tuesday**	8:30-10:00am	**Exam 3 Chapter 8-10**	