Dillard College of Business Administration
SYLLABUS: Business Programming Language
MIS 3113, Section X10
Fall Semester of 2024
Online

Contact Information

Instructor: Dr. Grace Zhang, Professor of Management Information Systems
Office Hour: Dillard 287, MW 9:30 - 11:00 am, TR 9:30 am - 10:50 am, also by appointments
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Zoom Meeting Link: https://msutexas-edu.zoom.us/j/93557006596

Course Materials

- Starting Out with Python, 6th edition, by Gaddis. e-book ISBN-13: 9780137871209 (2023 update). Pearson+ subscription is highly recommended for digital features of the textbook including video notes, animation, code example, and self-checkpoint.
- Python is an open-source software for free downloading and the textbook uses the IDLE editor from Python software by default.
- In addition, you can further install a professional code editor VS Code with the Python Extension. Here is an example of the installation video.
- Lecture notes and other additional materials will be provided on D2L.
- D2L access to course-related activities. We will use D2L as the primary communication channel for the class.
- Codecademy account to access the interactive lesson of "Learn Python 2" (only the free course portion is required).

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 Object-Oriented Programming
  - Inheritance

Course Policies

Attendance Policy: this is an online course, so attendance will be taken through various online activities. **Please regularly check D2L announcements and assignments to maintain a consistent study routine**. Please also refer to the MSU Student Handbook for University Class Attendance Policy.

Missed Examination, Quiz, and Assignments 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 activity, or NO makeup will be allowed. At the instructor's discretion, a deduction may be assessed for a late submission.

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. Codecademy Course: completion of "Learn Python 2" (only the free lesson portion).
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: in addition to online attendance activities, class participation in online formats (discussions, questions, answers, comments, and feedback) is highly encouraged to achieve a reasonable participation grade.

Grades will be allocated using the following scheme.

Element	Percentage	Letter Grade	Numeric Grade
Exams	40%	A	90-100
Codecademy	10%	B	80-89
Programming Exercises	30%	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

Effective August 1, 2016, the Campus Carry law (Senate Bill 11) allows those licensed individuals to carry a concealed handgun in buildings on public university campuses, except in locations the University establishes has prohibited. The new Constitutional Carry law does not change this process. Concealed carry still requires a License to Carry permit, and openly carrying handguns is not allowed on college campuses. For more information, visit Campus Carry.

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	Suggested Online Study Pattern		Chapter	Topic	Activity Due
1	27-Aug	Tuesday	1	Introduction to Computers and Programming	
	29-Aug	Thursday	1	Introduction to Computers and Programming	Syllabus Quiz and Self Introduction
2	3-Sep	Tuesday	2	Input, Processing, and Output	Software Installation Ready, Chapter Quiz
	5-Sep	Thursday	2	Input, Processing, and Output	Programming Exercise and Chapter Quiz
3	10-Sep	Tuesday	3	Decision Structure and Boolean Logic	
	12-Sep	Thursday	3	Decision Structure and Boolean Logic	Programming Exercise and Chapter Quiz
4	17-Sep	Tuesday	4	Repetition Structures	
	19-Sep	Thursday	4	Repetition Structures	
5	24-Sep	Tuesday	4	Repetition Structures	Programming Exercise and Chapter Quiz
	26-Sep	Thursday		Exam 1 Chapter 1-4	
6	1-Oct	Tuesday	5	Functions	
	3-Oct	Thursday	5	Functions	
7	8-Oct	Tuesday	5	Functions	Programming Exercise and Chapter Quiz
	10-Oct	Thursday	6	Files and Exceptions	
8	15-Oct	Tuesday	6	Files and Exceptions	
	17-Oct	Thursday	6	Files and Exceptions	Programming Exercise and Chapter Quiz
9	22-Oct	Tuesday	7	Lists and Tuples	
	24-Oct	Thursday	7	Lists and Tuples	
10	29-Oct	Tuesday	7	Lists and Tuples	Programming Exercise and Chapter Quiz
	31-Oct	Thursday		Exam 2 Chapter 5-7	
11	5-Nov	Tuesday	8	More About Strings	
	7-Nov	Thursday	8	More About Strings	Programming Exercise and Chapter Quiz
12	12-Nov	Tuesday	9	Dictionaries and Sets	
	14-Nov	Thursday	9	Dictionaries and Sets	
13	19-Nov	Tuesday	9	Dictionaries and Sets	Programming Exercise and Chapter Quiz
	21-Nov	Thursday	10	Class and OO Programming	
14	26-Nov	Tuesday	10	Class and OO Programming	Programming Exercise and Chapter Quiz
	28-Nov	Thursday		No class, Thanksgiving Holiday	
15	3-Dec	Tuesday	11	Inheritance	
	5-Dec	Thursday	11	Inheritance	Programming Exercise and Chapter Quiz
Final	10-Dec	Tuesday		Exam 3 Chapter 8-11	Codecademy Completion