**Dillard College of Business Administration**

**SYLLABUS: Business Programming Language**

**MIS 3113, Section 101**

**Fall Semester 2019**

**TR 9:30am-10:50am**

**DB 335**

## Contact Information

Instructor: Dr. Grace Zhang, Professor of Management Information Systems

Office: Dillard 273

Office hours: MWF: 10:00am -12:00pm; Also by appointments if other time is needed

Office phone: (940) 397-3289

Cell phone: (206)-724-1509

E-mail: grace.zhang@msutexas.edu

## 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 account access to interactive lessons in “Courses” of “Learn Python” and “Learn Java” D2L access to course related activities.
* We will use D2L as the major communication channel for the class.

## Course Description

An introduction to a programming language which 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 Codecademy Interactive Lessons will be the primary means by which the students learn the essence of programming. These graded assignments are an important portion of the overall course grade.
* Technology Utilization. Extensive use is made of business application technology throughout the course. Python will be demonstrated to and used by the students. Students will also demonstrate their ability to use common 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, the 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
* GUI Programming

## 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. Participation in class discussion is mandatory and a significant part of the overall class grade. Students must read the assigned material and complete assignments and be prepared to discuss and ask questions relating to assigned material. 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 in-class exercises. Arrangements must be made in advance if at all 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, in-class lectures, and any other assigned readings. Students are responsible for all assigned textbook material, even if it is not directly discussed in class.

2. Codecademy Units: Codecademy Courses of “Learn Python” and “Learn Java” are assigned throughout the semester. Please sign up or log in with an account on [codecademy](http://www.codecademy.org/) and email the instructor your completion record.

3. Programming Exercises: programming exercises are required to apply the programming concepts in chapters. Students are required to finish these exercises on time and submit via D2L Dropbox. Appropriate class time might be allocated for working on these exercises.

4. Attendance and Participation: Absences will be excused only for approved school trips and serious health issues. Class participation in all kinds of the formats (questions, answers, comments, and feedback) is highly encouraged to achieve reasonable participation grade. Further, ad hoc quizzes might be administrated. More specifically, an individual presentation called “Something about Python” is required for each student. It is presented before each class. This is an activity that encourages you to research something related with Python, such as the programming language's history, application examples, advantages or disadvantages, business adoptions, news stories, or anything related with Python.

Grades will be allocated using the following scheme.

| **Element** | **Percentage** | **Letter Grade** | **Numeric Grade** |
| --- | --- | --- | --- |
| Exams | 60% | A | 90-100 |
| Codecademy Units | 10% | B | 80-89 |
| Programming Exercises | 20% | C | 70-79 |
| Attendance & Participation | 10% | D | 60-69 |
| Total | 100% | F | <= 59 |

## Academic Integrity

With regard to academic honesty, students are referred to 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 official 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 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 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, in accordance with 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](mailto:patrick.coggins@mwsu.edu).

Midterm Progress Report

In order to help students keep track of their progress toward course objectives, I might provide a “Midterm Progress Report” through student’s WebWorld account. The reported grade will be ONLY for at-risk students identified around 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 on a regular basis! It is not the instructor’s responsibility to individually inform students of changes.

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.

Schedule