THE UNIVERSITY OF TEXAS AT EL PASO
Accounting and Information Systems Department

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CIS 3301 Introduction to Programming, Spring 2022

> **IMPORTANT: This is a programming class. Students will be actively programming from the first week of class to the last. Students are expected to dedicate hours of study time outside of class.**

Class Hours: 9:00 – 10:20 am, MW, BUSN 320
Office Hours: TTR, 3:00 to 5:00pm, by appointment only
Textbook: Online Books:
- A Byte of Python, Swaroop C.H., https://python.swaroopch.com/
- Beginners Guide for Non-Programmers, Wiki Python, https://wiki.python.org/moin/BeginnersGuide/NonProgrammers

Additional reading material will be announced during the semester as determined by Dr. Gonzales.

Course Software:
- Python 3.x
- IDLE (Python GUI)

Course Description: Programming concepts will be used to solve real world business problems. Strong emphasis will be placed on hands-on structured programming. Concepts such as pointers, strings, files, and structures will be briefly reviewed. The course will focus on structured programming techniques with a brief comparison to object-oriented programming style. Data processing, wrangling, and structures will be examined.

Course Instruction: This is a **hands-on class** where students will be programming from day one. While reading material is recommended, it is the responsibility of the student to research topics covered in class. Some course content may be conducted remotely and the professor reserves the right to change the course content and schedule.

Grade Components:

	Weight
Practical Exams (3)	300
Final Exam	100
Total (400 points)	400

Final Grade	Range
A	90% and up
B	80-89%
C	70-79%
D	60-69%
F	below 60%

Exams: All students are required to take the exams at the scheduled time which is to be announced in class. Makeup will only be given to students who have to miss due to "excused absences due to university-recognized activities" or under extreme circumstance. These students are required to send written notice to the instructor about the university-recognized activities ahead of time. See student handbook for a description of these activities.

Final Exam: Any student with a 'B' or better after the 3rd exam will not have to take the final.
Practical Exams and Project Grading: Professor will assign exam scores based on the following:
- Code execution without errors
- Program accomplishing objectives of assignment

CIS3301 Course Outline
(Professor reserves the right to change the course syllabus.)

Dates	Topic
01/19	- Course Review and loading Python IDE
01/24 01/26	- Strings, Variables, Lists, and Indexes
01/31 02/02	- Strings, Variables, Lists, and Indexes
02/07 02/09	- Practical Exam #1 Review - Practical Exam #1
02/14 02/16	- If statements and For Loops
02/21 02/23	- If statements and For Loops
02/28 03/02	- If statements and For Loops
03/07 03/09	- Practical Exam #2 Review - Practical Exam #2
03/14 03/16	SPRING BREAK
03/21 03/23	- Functions
03/28 03/30	- Functions
04/01	LAST DAY TO DROP
04/04 04/06	- Input / Output, Files
04/11 04/13	- Input / Output, Files
04/18 04/20	- Input / Output, Files
04/25 04/27	- Practical Exam #3 Review - Practical Exam #3
05/02 05/04	- Course and Final Exam Review
MAY 05/09	**Comprehensive Final Exam**

Students with disabilities: If you feel you may have a disability that requires accommodations, contact the Disabled Student Services Office at 747-5148, go to the Union Bldg. East, room 106, or e-mail dss@utep.edu.

Academic integrity: The University of Texas at El Paso prides itself on its standards of academic excellence. In all matters of intellectual pursuit, UTEP faculty and students must strive to achieve excellence based on the quality of work produced by the individual. In the classroom and in all other academic activities, students are expected to uphold the highest standards of academic integrity. Any form of scholastic dishonesty is an affront to the pursuit of knowledge and jeopardizes the quality of the degree awarded to all graduates of UTEP. It is imperative, therefore, that the members of this academic community understand the regulations pertaining to academic integrity and that all faculty insist on adherence to these standards.

Any student who commits an act of scholastic dishonesty is subject to discipline. Scholastic dishonesty includes, but is not limited to, cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an examination for another person, any act designed to give unfair advantage to a student or the attempt to commit such acts. Proven violations of the detailed regulations, as printed in the Handbook of Operating Procedures (HOP), and available in the Office of the Dean of Students, and the homepage of The Dean of Students (DOS) at www.utep.edu, may result in sanctions ranging from disciplinary probation, to failing grade on the work in question, to a failing grade in the course, to suspension or dismissal, among others.