

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

Michael L. Gonzales, PhD

Email: mlgonzales2@miners.utep.edu; Department Office: BUSN 205D

CIS 3325 Advanced Microcomputer Business Applications, Fall 2021

IMPORTANT: This is a hands-on ADVANCED APPLICATION class. Students will be hands-on from the first week of class to the last. Students are expected to dedicate hours of study time outside of class.

Class Hours: 3:00 – 4:20 pm, TTR, BUSN 3320

Office Hours: TTR, 12noon to 2:30pm, by appointment only

Online Books: Any written material will be free and on-line.

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

Course Software:

- Microsoft SQL Database, Excel, and Access
- Base SAS/Enterprise Guide
- SPSS/IBM Watson Studio

Course Description: This course is design to introduce students to advanced microcomputer-based applications for data, trend, and statistical analysis. The objective is to familiarize the student with a basic understanding of how to use, and when to apply leading microcomputer-based applications that will support multiple areas of study, from Marketing to Information Systems.

Course Instruction: This is a hands-on class. 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
4 Practical Exams (100 points each)	80%
2 Projects (50 points each)	20%
Total (500 points)	100%

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 and project scores based on the following:

- Code execution without errors
- Program accomplishing objectives of assignment

CIS3325 Course Outline
(Professor reserves the right to change the course syllabus.)

Week	Topic	Projects
08/24 08/26	- Course Review - Microcomputer: Modern Architectures & Applications	
08/31 09/02	- Basic Concepts of Data, Trend, and Statistical Analysis	
09/07 09/09	- Excel for Data, Trend, and Statistical Analysis	Assign Project #1 9/09
09/14 09/16	- MSSQL Database: SQL for Data, Trend, and Statistical Analysis	Project #1 Due 9/16
09/21 09/23	- Practical Exam #1 Review - Practical Exam #1	
09/28 09/30	- SAS / Enterprise Guide: Data, Trend, and Statistical Analysis	
10/05 10/07	- SAS / Enterprise Guide: Data, Trend, and Statistical Analysis	Assign Project #2 10/07
10/12 10/14	- SAS / Enterprise Guide: Data, Trend, and Statistical Analysis	Project #2 Due 10/14
10/19 10/21	- Practical Exam #2 Review - Practical Exam #2	
10/26 10/28	- SPSS / IBM Watson Studio: Data, Trend, and Statistical Analysis	
10/29	LAST DAY TO DROP	
11/02 11/04	- SPSS / IBM Watson Studio: Data, Trend, and Statistical Analysis	
11/09 11/11	- SPSS / IBM Watson Studio: Data, Trend, and Statistical Analysis	
11/16 11/18	- Practical Exam #3 Review - Practical Exam #3	
11/23 11/25	- Leveraging Browsers and Google - Thanksgiving Holiday	
11/30 12/02	- Course and Final Exam Review	
DEC 12-06	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.