

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

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**CIS 3325 Advanced Microcomputer Business Applications, Fall 2022**

**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:** 1:30 – 2:50 pm, MW, BUSN 310

**Office Hours:** TTR, 3:00pm to 5:00pm, by appointment only

**Online Books:** Any reading 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
- SPSS Modeler
- SAS

**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
3 Practical Exams (100 points each)	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 3<sup>rd</sup> 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
08/22	- Course Review	
08/24	- Basic Concepts of Data, Trend, and Statistical Analysis	
08/29	- MSSQL Database: SQL for Data, Trend, and Statistical Analysis	
08/31		
09/05	- <b>UTEP CLOSED</b>	<b>Labor Day</b>
09/07	- MSSQL Database: SQL for Data, Trend, and Statistical Analysis	
09/12	- MSSQL Database: SQL for Data, Trend, and Statistical Analysis	
09/14		
09/19	- Practical Exam #1 Review	
09/21	- Practical Exam #1	
09/26	- Excel & MSSQL: Data, Trend, and Statistical Analysis	
09/28		
10/03	- Excel & MSSQL: Data, Trend, and Statistical Analysis	
10/05		
10/10	- Excel & MSSQL: Data, Trend, and Statistical Analysis	
10/12		
10/17	- Practical Exam #2 Review	
10/19	- Practical Exam #2	
10/24	- SPSS Modeler: Data, Trend, and Statistical	
10/26	Analysis	
10/28		<b>10/28 is last day to drop</b>
10/31	- SPSS Modeler: Data, Trend, and Statistical	
11/02	Analysis	
11/07	- SPSS Modeler: Data, Trend, and Statistical	
11/09	Analysis	
11/14	- SPSS Modeler: Data, Trend, and Statistical	
11/16	Analysis	
11/21	- Practical Exam #3 Review	
11/23	- Practical Exam #3	
11/28	- Course and Final Exam Review	
11/30		
<b>DEC</b>	<b>Comprehensive Final Exam</b>	
<b>12-05</b>		

**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](mailto: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](http://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.