INSTRUCTOR: Ralph McCrae       E-Mail address: rmccrae@tep.edu
Cell Phone: 915-256-6352

OFFICE: College of Business - Room 227, Telephone: 747-7760

OFFICE HOURS: Monday, Wednesday: 9:30 - 10:30 a.m., 12:30 - 3:00 p.m.
Tuesday: 9:30 a.m. - 2:30 p.m.
or by appointment

TEXT: STRUCTURED COBOL PROGRAMMING Seventh Edition by Stern and Stern (optional)
Other material will be supplied as needed.

PREREQUISITE: CIS 2335 or equivalent

COURSE OBJECTIVES:

The overall objective of the course is to acquaint the student with advanced Cobol topics such as sequential and random disk file design and manipulation, sort and merge techniques, table processing. In addition, emphasis will be placed on modern design and development techniques which are used extensively throughout the data processing community and which will prepare the student to move to the Object-Oriented strategies; the next evolutionary step in the efficient, effective delivery of easily maintained information systems. Upon successful completion of the course the student will be able to:

$ explain the reasons for use of top-down, modular and structured programming techniques and describe how this approach leads naturally to the move to Object-Oriented strategies
$ design appropriate solutions to business-type problems given typical, incomplete problem descriptions.

$ demonstrate proficiency in the use of the Cobol language to solve problems using the techniques and tools discussed during the semester.

METHODS USED:

This course is a survey of the uses the Cobol programming language in solving sophisticated data processing problems. Topics, assigned to be read from the text prior to class sessions, will be discussed and amplified by references to material from other text sources and the instructor=s personal experience. Timely supplemental readings may be assigned from related periodicals. Programming projects which illustrate the topics covered in class will be assigned.

GRADING: Grades will be determined as follows:

3 exams 100 points each 300 points
participation 50 points
3 programs 50 points each 150 points
500 points

Letter grades will be based upon the following distribution of points:

500 - 450 points = A
449 - 400 points = B
399 - 350 points = C
349 - 300 points = D
299 - 0 points = F

WARNING: The letter grade "W" will be assigned automatically to students who withdraw through March 24, 2006. No "W" grades will be assigned after March 24. An incomplete will be given ONLY in case of illness or other extraordinary event. Make sure you inform me of such instances as quickly as possible. If you cease attending, you will receive a grade based on the number of points scored up to that time.

TENTATIVE COURSE SCHEDULE FOR CIS
TENTATIVE COURSE SCHEDULE FOR CIS 3385
(subject to change)

WEEK BEGIN. Topics/ Reading Assignments/ Tests

January 17                 Modern Program Design
                             Review of Cobol Programming Practices (Chapters 1-5)
                             Copy and Call (Chapter 19)

January 23                 The Net Express Operating Environment
                             Cobol 2002 and Beyond: Object-Oriented strategies
                             The Call statement: the path to Object-Oriented Cobol

February 6                 Assignment 1

February 13                Sorting/Merging (Chapter 15)
                             EXAM 1

February 20                Sequential Files (Chapter 14)
                             Assignment 2

February 27                Indexed Files (Chapter 16)

March 6                    Interactive Processing (Chapter 17)

March 21 - 25              (Spring Break!😊😊😊😊😊😊😊)

March 20                   Relative Files (Chapter 20)
                             EXAM 2

March 27                   Assignment 3
April 3  Object Cobol
April 10 Object Cobol
April 17 Object/Web Cobol
April 24 Object/Web Cobol
May 1 Review

FINAL EXAM: Wednesday, May 10, 1:00 p.m. - 3:45 p.m.
**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 based on the quality of the 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. 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, 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, may result in sanctions ranging from disciplinary probation, to failing grades on the work in question, to failing grades in the course, to suspension or dismissal, among others.

**Students with Disabilities**
If you believe you may have a condition that requires accommodations, contact the Disabled Student Services Office at 747-5148, go to room 306 E. Union, or email: dss@utep.edu.

**Student Responsibility:**
Individual students must operate with integrity in their dealings with faculty and other students; engage the learning materials with appropriate attention and dedication; maintain their engagement when challenged by difficult learning activities; contribute to the learning of others; and perform to standards set by the faculty.

**Attendance Policy:**
I will take attendance three times this semester: the first day of class, census day and during the last week of classes. The purpose is to assure that you are properly registered so that you may obtain credit for the course. Other than that, you are all adults and have numerous priorities. I
will assume that this course is among them. Be aware, however that the majority of what will be introduced will be done during the class session. You will not do well if you miss many classes.