

CS 251 COBOL PROGRAMMING (3) Spring 2003

Instructor: Mr. Husain Ghooloom

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Time: Sat Mon 10 - 12 am
Sun Tus 9:30 - 11 am

Office Hours: Sunday , Tuesday 11 - 12:30 p.m..

Text: Structured Cobol Programming (Nine'th Edition By Stern & Stern)

Grading Policy:

1	First Exam (Cobol 1 & 2 Review)	5	%
1	Mid Term Exam (Written)	12.5	%
1	Practical Exam	7.5	%
	Programs, Participations	10	%
	Group Course Project	25	%
	<ul style="list-style-type: none"> - Must Be able to explain the project using power point. - Screens designs and programs that are associated with them, - Data storage and retrieval - General questions related to any computer science topic studied the past two years 		

Final Exam 40 %

Grading Scale:

90 - 100	A		
85 - 89	B+	80 - 84	B
75 - 79	C+	70 - 74	C
65 - 69	D+	60 - 64	D
0 - 59	F		

Course Policies

- 1) You are responsible for reading all of the assigned chapters. I recommend that you read them before class so that you will be able to ask questions during the class.
- 2) Homework will be assigned on occasions from the textbook or via handouts. This is used in order to encourage reading.
- 3) There will be couple of programming assignments and a course project using Cobol language. Programming assignments are to be

done **individually**, unless the assignment specifies otherwise. It is the violation of the Academic Honor Code to take credit for code written by another person. See the student handbook for the penalties for violations of the Honor Code.

- 4) All assignments and programs are due by 10 a.m. on the assigned due date. **No** late assignments or programs will be accepted after the due date.
- 5) There will be three exams. One to review what has studied on cobol 1 & 2 (E1), one midterm (E2), and one practical exam (E3). There is also a final exam (E4). **NO Makeup Exams will be given.**
- 6) Attendance at all class meeting is expected and will be recorded. Attendance and participation will have a strong indirect effect on your grade for the course. You are responsible for all information explained in the class, some of which may not be available in written form. I **will not** feel obligated to repeat announcements of homework, future quizzes, exams, assignments, schedule changes, or hint on programming assignments. If you are forced to miss a class, it is also your responsibility to get good class notes from a friend and check with me for handouts. **DO NOT** skip a class in order to work on an assignment or a program. That will cause you to get further behind.
- 7) **DO Not** be late to the class. If so, you will be counted as absent and you may not be allowed to enter the class.
- 8) If you are experiencing difficulty or are concerned about your progress, please speak with me immediately.

COURSE OUTLINE

Review

Chapter 8 Decision Making Using IF and EVALUATE Statements.

Chapter 9 Iteration : Beyond The Basic PERFORM.

- PERFORM .. UNTIL
- PERFORM .. TIMES.
- PERFORM .. VARYING.

Chapter 10 Control Break Processing.

- Types of Reports (Detailed, Exception, Summary)
- Single-Level Control Break (Break Report, Printing a Final Total, Starting New Page After Each Control Break .. etc.)

Chapter 11 Data Validation Techniques.

- Avoiding Logic Errors By Validating Input (Validation Techniques)
- What To DO If Input Errors Occur (Stop the Run, Print an Error Record, Continue Process or By Pass the Erroneous Records .. etc)

Chapter 12 Single-Level Arrays and Tables.

- Single-Level OCCURS Clauses.
- Processing Data Stored in an Array.
- Using an OCCURS Clause For Table Handling.
- The Use Of SEARCH Statement For Table And Array Processing.

FILE MANTENANCE

Chapter 14 Sequential File Processing.

Chapter 16 Indexed File Processing.

Advanced Topics

Chapter 19 Improving program performance Using COPY, CALL, and other statements

Screen Design : Handout