

October 1999

COURSE INFORMATION

COURSE PREFIX/NO: **CPT 215**
COURSE TITLE: **COBOL Programming II**
LEC HRS/WK: 3.0
LAB HRS/WK 0.0
CREDIT HRS/SEMESTER: 3.0

[DL ATTENDANCE/VA STATEMENT](#)
[TEXTBOOK INFORMATION](#)

COURSE DESCRIPTION

This course emphasizes file maintenance and tables using advanced concepts in COBOL.

COURSE COMPETENCIES

Upon successful completion of the course the student should be competent in performing the following tasks:

1. Demonstrate an ability to design and implement COBOL programs in an orderly fashion.
2. Demonstrate an ability to:
 - Create a structure chart of the program solution.
 - Create a program flowchart and module flowcharts of a solution.
 - Write a program based on the solution on coding forms.
 - Key, compile, run and debug that program.
3. Demonstrate an understanding of arithmetic and logical operations by using those operations to solve several programming problems including:
 - Interactive dialogs
 - Sorting
 - Table processing
 - Sequential file maintenance

Minimum Standards

A minimum grade of C is required for students in computer technology programs. Students who do not turn in any assignment will be given a grade of 0 for that assignment. A sample grading checklist is provided so that you can see how a programming assignment will be graded.

Program Specifications Charts: 20% (with printer spacing)
Flowcharts 40%
Source Code Printout 20%
Output: 20%

GRADING PROCEDURES

Three tests will be given. Five programming assignments will be given as well as several homework exercises and quizzes.

The grading scale is as follows:

Tests 50%
Programs 30%
Assignments 20%

A = 90-100
B = 80- 89
C = 70- 79
D = 60- 69
F = below 69

ACADEMIC INTEGRITY

The attendance policy as stated in the student handbook will be enforced. Attendance is required on test days unless the student has a doctor's excuse etc. indicating an unusual circumstance. If you know you must be absent on a test day, make arrangements with the instructor to take the test before your absence.

ENTRY-LEVEL SKILLS

A student entering this course should be familiar with structured COBOL programming, flowcharting and the Windows operating system.

PREREQUISITES - CPT 115

COREQUISITES - NONE

METHOD OF INSTRUCTION

The instructor will discuss the principles introduced. One learns to program by DOING. In order to learn students must work through and understand the assignments on their own. If a student should need additional assistance instructors are available during their posted office hours.

Course Outline:

Demonstrate an ability to design and implement COBOL programs in an orderly fashion.

Demonstrate an ability to:

- Create a structure chart of the program solution.
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- Write a program based on the solution on coding forms.
- Key, compile, run and debug that program.

Demonstrate an understanding of arithmetic and logical operations by using those operations to solve several programming problems including:

- Interactive dialogs
- Sorting
- Table processing
- Sequential file maintenance