

**NORTHEASTERN TECHNICAL COLLEGE
COURSE OUTLINE**

COURSE:	PREFIX: NO:	EFFECTIVE DATE	NEXT REVIEW DATE		
	CPT 115	May 2006	May 2007		
TITLE:		CREDITS	CONTACTS		
			CLASS	LAB	TOTAL
COBOL Programming I		3	3	0	3

PREREQUISITES: CPT-114 with a grade of "C" or better

RECOMMENDED: CPT 168 with a grade of "C" or better

DESCRIPTION: This course introduces the nature and use of the common business-oriented language--COBOL.

Topics covered include: Syntax and rules of the language; Creating and running successful programs using realistic business situations.

TEXTBOOK(S) OR ALTERNATIVE: COBOL Programming for the 21st Century, Eleventh Edition, Stern and Stern, by John Wiley and Sons Publishing Company. (ISBN# 0-471-72261-8)

MATERIALS (specifying those to be purchased by student):

Backup Diskettes (for storage of programs, data, narratives, and pseudocode)
Flowcharting Template

COLLATERAL READING: None

CLASS MANAGEMENT ACTIVITIES (Attendance, tardies, testing, etc.):

Attendance:

The student will be dropped with a grade of "F" if the student misses more than 20% of class meetings (Day students: 6 absences are allowed; Evening students: 3 absences are allowed).

In the event that the student misses more than the allowable absences, the student will be dropped by the Instructor, who will complete a withdrawal form with a grade of "F". **If the student wishes to withdraw from the class, the STUDENT** must complete a withdrawal form, which can be found in the Student Development Office of the College. The Student will receive a grade of "W" if the work completed to date is acceptable; a grade of "WF" will be assigned if the work is unacceptable.

Tardies:

The student will be marked as "Tardy" when arriving after the roll has been called. Three (3) tardies will constitute one absence.

Student Responsibility:

It is the responsibility of the student to make arrangements to make-up any work missed due to an absence. The student will receive a grade of "F" for any projects not completed due to an absence.

Testing:

There will be no retests of make-up tests given **without a valid excuse for missing the examination**. A grade of "F" will be recorded for any tests missed. If a problem arises, a test may be taken early at a time established by the Instructor.

Academic Dishonesty:

Students are expected to do their own work. Any acts of impropriety or collusion during testing or projects will be unacceptable. If such an event occurs, the Student will receive a grade of "F" for the project or test and the matter will be referred to the Vice President for Student Services. Please refer to the **NETC Student Code and Grievance Procedure** for policies regarding academic dishonesty.

Class Policy:

An integral part of an education is developing a sense of integrity and responsibility not only toward ourselves but also toward others. In the classroom, as on the job or in your home, exhibiting appropriate behavior reflects on your maturity. Arriving late to class, being unprepared, inappropriate talking while class is in session, etc., negatively reflects on you. Please be considerate.

There is to be no food or beverages in the computer lab at any time.

All lab diskettes are to be turned in to the Instructor before the student leaves the classroom. NO diskettes are to be taken from the building.

IMPORTANT:

It is a crime to make copies of the software used in the course. Any occurrence of software duplication will be reported to the Vice President for Student Services.

Please review the attached "Student Access and Usage" statement concerning computer lab services, and discuss with the Instructor any questions you regarding this document.

Written Assignments:

All documentation **MUST** be typed. The Instructor reserves the right to refuse any paper or project which is messy or unreadable or appears to be copied. Incorrect grammar and spelling errors will be noted. Papers and projects will be graded on the basis of content, organization, grammar, spelling, and neatness.

STUDENT ID:

It is mandatory that every student wear his or her student ID at all times. Students will be dismissed from class if not wearing their ID. The student may get his/her ID and return to class before the mid-point of the class. If the student cannot get his/her ID and return to class by the midpoint, the instructor will record the absence.

DISABILITIES STATEMENT:

Students with disabilities are encouraged to contact the Vice President for Student Service to discuss needs or concerns as they pursue an academic program and participate in campus life. The Vice President for Student Services will provide guidance regarding official documentation of disabilities and/or accommodation of needs. (See College Catalog)

RESOURCES (A-V, persons, tools/equipment):

Lab Assistants
Computers

COURSE TOPICAL OUTLINE (List topics and sub-topics of course) and Calendar or approximate length of time devoted to topic.

Handouts will be given to the students.

OBJECTIVES OF COURSE: Upon successful completion of this course, the student should be competent to perform the following:

1. Design and plan solutions to programming assignments
2. Write program code to meet design specifications
3. Test and Debug code to assure quality programming
4. Documentation and packaging of completed programming assignment
5. Ability to use the COBOL application development

COLLEGE-WIDE COMPETENCY:

Through testing and projects, the student will be able to demonstrate the ability to identify and use sources of information by utilizing information-processing skills compatible with job demands in a computer-literate society.

INSTRUCTIONAL METHODS TO APPRAISE OBJECTIVES:

Lecture
Tests
Projects

EVALUATIVE METHODS TO APPRAISE OBJECTIVES:

Part I: Textbook

There will be written tests given on selected portions of the textbook. These tests will be primarily objective with some short problems. There will also be a number of unannounced quizzes. The average of these quizzes will count as one test grade.

Part II: Computer Projects

In order to fully comprehend the concepts discussed in the course, projects will be assigned to allow for "hands-on" use of the knowledge required.

For each assignment the student must submit the following items:

- Print-outs of source code, input and output files as requested;
- Structured flowchart drawn neatly with a flowchart **OR** typed pseudocode;
- Typed narrative;
- Manual calculations to validate your program output.

Each programming assignment will be the equivalent of a test grade. The assignment will be graded on quality, efficiency, and accuracy.

All projects will be given a due date. **Ten (10) points will be deducted from the grade if the project is submitted after the due date.** This applies to day and evening students.

No project will be accepted more than one week after the assigned due date. A grade of "F" will be assigned the work if the time schedule is not met.

GRADING SCALE:

A =	100 - 93
B =	92 - 85
C =	84 - 78
D =	77 - 70
F =	69 and below

Incomplete (I) grades will be given only in extreme circumstances.

COMPUTER USER RESPONSIBILITIES

NETC Computers are for Education Purposes Only

Software

Software is protected by copyright and licensed for use by NETC only. Software may not be removed, transferred, copied or modified.

Hardware

Computers are available for use only during scheduled or assigned hours. Student users have priority. Users may not abuse or alter any computer capabilities or settings.

Web Access

NETC provides access to the Internet for educational and research purposes. The College prohibits use of computer facilities for hacking accounts at NETC or any other location, games, chatting, personal e-mailing, downloading programs, changing settings, browsing offensive sites or transmitting illegal, unlawful or immoral information. NETC computers may not be used for personal gain or profit. Access to personal e-mail accounts without specific permission is prohibited due to e-mail delivery of viruses.

The NETC Computer Center monitors computer use with capabilities to track violations of computer user responsibilities. The College will impose disciplinary action for violations.