Course Outline

Course Title: COBOL Programming
Submitted By: B. Phillips
Semester Course Prefix and Number: CSCI 1468
Approval Date:
Old Quarter Course Prefix and Number: CSCI
Revision Date: March 2010

Number of Credits: 4 Number of Lecture Credits: 3
Semester(s) Offered: Number of Lab Credits: 1 Number of Lab Hours:
Negotiated Class Size: Number of Studio/Demonstration/Internship Credits:

Course Purpose Code:

0 – Developmental Courses
1 – Non-transferable, General Education
2 – Technical course related to career programs
3 – College course which has the primary goal of applying certain concepts (e.g. vocal ensemble)
X 4 – Other college course not considered a part of general education (MNTC) e.g. computer science, health, physical education
5 – Course which is intended to fulfill the Minnesota Transfer Curriculum (MNTC) requirements.
9 – Continuing Education/Customized Training specialized credit course (not occurring in 0-5)

Catalog Description:
This course introduces COBOL program structure and statements, logical and arithmetic operators, elements of structured programming, transfer of control, arrays, sub-program structures, and input/output of external files.

Prerequisites and/or recommended entry skills/knowledge:
Course Prerequisite(s): At least one programming class and consent of instructor.
Reading Prerequisite: None
Composition Prerequisite: None
Mathematics Prerequisite: None

Career Programs and Transfer Majors Accessing this Course:
CSCI majors and those interested in learning mainframe computer programming.

Minnesota Transfer Curriculum Goal(s) partially met by this course if applicable: Notes: No more than two goals may be met by any one course. (Curriculum Committee review and the Chief Academic Officer’s approval are required).

0. X None
1. Communications
2. Critical Thinking
3. Natural Sciences
4. Mathematical/Logical Reasoning
5. History and the Social and Behavioral Sciences
6. The Humanities and Fine Arts
7. Human Diversity
8. Global Perspectives
9. Ethical and Civic Responsibility
10. People and the Environment
Learning outcomes, including any relevant competencies listed in the Minnesota Transfer Curriculum:
The student will design, code, document and implement computer programs using the COBOL programming language on a mainframe computer.

Student assessment methods:
Unit tests, Lab exercises.

Use of instructional technology (includes software, interactive video and other instructional technologies):
This course is set up to utilize an IBM mainframe computer. Students will have software available to them to access a mainframe computer from their own computer.

Outline of the major course content:
Program structure and statements, logical and arithmetic operators, elements of structured programming, transfer of control, arrays, sub-program structures, and a big concentration of input/output to external files.

Additional special information (special fees, directives on hazardous materials, etc.)

Transfer Information: (Please list colleges/majors that accept this course in transfer.)

Approvals:

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