GAVILAN ✈ COLLEGE

5055 Santa Teresa Blvd
Gilroy, CA 95023

Course Outline

COURSE: CSIS 20   DIVISION: 50   ALSO LISTED AS:

TERM EFFECTIVE: Spring 2018   **Inactive Course**

SHORT TITLE: COBOL PROGRAMMING

LONG TITLE: COBOL Programming

Units	Number of Weeks		Contact Hours/Week		Total Contact Hours
4	18	Lecture:	3	Lecture:	54
		Lab:	3	Lab:	54
		Other:	0	Other:	0
		Total:	6	Total:	108

COURSE DESCRIPTION:

An introductory course in the language COBOL. Suggested for students interested in business and commercial data processing. Structured COBOL statements, COBOL syntax, modular program planning techniques, and business data processing applications from initial job application phase through programming and testing will be studied. The student has the opportunity for extensive programming experience on the college computer. This course has the option of a letter grade or pass/no pass. ADVISORY: Other programming experience.

PREREQUISITES:

COREQUISITES:

CREDIT STATUS: D - Credit - Degree Applicable

GRADING MODES
        L - Standard Letter Grade
        P - Pass/No Pass

REPEATABILITY: N - Course may not be repeated

SCHEDULE TYPES:
        02 - Lecture and/or discussion
        03 - Lecture/Laboratory
        04 - Laboratory/Studio/Activity
        047 - Laboratory - LEH 0.7

05 - Hybrid
72 - Dist. Ed Internet Delayed
73 - Dist. Ed Internet Delayed LAB
737 - Dist. Ed Internet LAB-LEH 0.7

STUDENT LEARNING OUTCOMES:

1.   Create, test, and evaluate small COBOL programs.
ILO: 2.3,7
Measure: Homework, lab work, projects, tests

2.   Create test, and evaluate COBOL programs that use calculations.
ILO: 7,3,2
Measure: Homework, lab work, projects, tests

3.   Create test, and evaluate COBOL programs that use decisions and selection
ILO: 7,3,2,5
Measure: Homework, lab work, projects, tests

4.   Create and test programs using loops and tables.
ILO: 7,3,2,5
Measure: Homework, lab work, projects, tests

5.   Create and test programs that use files.
ILO: 7,3,2
Measure: Homework, lab work, projects, tests

CONTENT, STUDENT PERFORMANCE OBJECTIVES, OUT-OF-CLASS ASSIGNMENTS
Inactive Course: 03/27/2017
Course on Hold

9.0 lecture/9.0 lab Hours
Create, compile and test small COBOL programs.
Homework/Lab:
Read the chapters covered in the class lectures, and do the homework at the end of the chapters.
Performance objectives:
Students will do homework assignments from each chapter and be tested on their skill on the topics covered.

9.0 lecture/9.0 lab Hours
Create, compile and test COBOL programs that do calculations and output formatting.
Homework/Lab:
Read the chapters covered in the class lectures, and do the homework at the end of the chapters.
Performance objectives:
Students will do homework assignments from each chapter and be tested on their skill on the topics covered.

9.0 lecture/9.0 lab Hours

Create, compile and test programs that use selection, decisions, and data validation.

Homework/Lab:

Read the chapters covered in the class lectures, and do the homework at the end of the chapters.

Performance objectives:

Students will do homework assignments from each chapter and be tested on their skill on the topics covered.

Mid-term test

9.0 lecture/9.0 lab Hours

Create, compile and test programs that use tables and table Processing

Homework/Lab:

Read the chapters covered in the class lectures, and do the homework at the end of the chapters.

Performance objectives:

Students will do homework assignments from each chapter and be tested on their skill on the topics covered.

9.0 lecture/9.0 lab Hours

Create, compile and test programs that use loops and COBOL sort features.

Homework/Lab:

Read the chapters covered in the class lectures, and do the homework at the end of the chapters.

Performance objectives:

Students will do homework assignments from each chapter and be tested on their skill on the topics covered.

9.0 lecture/9.0 lab Hours

Create, compile and test programs that use files and the Report Writer Feature and Declaratives.

Homework/Lab:

Read the chapters covered in the class lectures, and do the homework at the end of the chapters.

Performance objectives:

Students will do homework assignments from each chapter and be tested on their skill on the topics covered.

Final projects and exam

METHODS OF INSTRUCTION:

Lecture, computer lab work, sample programs, exercises

METHODS OF EVALUATION:

The types of writing assignments required:

None

The problem-solving assignments required:

None

The types of skill demonstrations required:

Class performance

Performance Exams

The types of objective examinations used in the course:

Multiple choice

True/false
Matching items
Completion
Other category:
Other: None
The basis for assigning students grades in the course:
Writing assignments: 0% - 0%
Problem-solving demonstrations: 0% - 0%
Skill demonstrations: 30% - 60%
Objective examinations: 30% - 60%
Other methods of evaluation: 20% - 40%

REPRESENTATIVE TEXTBOOKS:
Structured COBOL Programming, by Shelley, Cashman, 1999, Course Technology,
or other appropriate college level text.
Reading level of text: 12 grade. Verified by: dvt
Other Materials Required to be Purchased by the Student: flash drive

ARTICULATION and CERTIFICATE INFORMATION
> Associate Degree:
> CSU GE:
> IGETC:
> CSU TRANSFER:
> > Transferable CSU, effective 200850
> UC TRANSFER:
> > Not Transferable

SUPPLEMENTAL DATA:
Basic Skills: N
Classification: Y
Noncredit Category: Y
Cooperative Education:
Program Status: 2 Stand-alone
Special Class Status: N
CAN:
CAN Sequence:
CSU Crosswalk Course Department: CSIS
CSU Crosswalk Course Number: 20
Prior to College Level: Y
Non Credit Enhanced Funding: N
Funding Agency Code: Y
In-Service: N
Occupational Course: C
Maximum Hours:
Minimum Hours:
Course Control Number: CCC000500352
Sports/Physical Education Course: N

Taxonomy of Program: 070710