NEW – REVISED - DELETED
Course Submission and/or Requests
For Inclusion in General Education

Department   Information Technologies

Course Title, Prefix and Number   Advanced CICS Programming, CMP-232

Submitted By   Bonnie A. Murphy

New* _____ **Change   __X__ Deletion   _____ ***Inclusion in General Education

* NEW course submissions require a COURSE INFORMATION OUTLINE attachment and NJ TRANSFER TEMPLATE.

**CHANGED courses require the EXISTING COURSE OUTLINE with CHANGES IN RED attached.

***Any NEW OR REVISED course that is submitted for inclusion in the GENERAL EDUCATION COURSE LIST must be reviewed by the GENERAL EDUCATION COMMITTEE, which reviews all proposed General Education Courses for their compliance with the General Education Guiding Principles.

Detailed Description of Changes/Addition:

This course is being deleted because it has not been offered for quite some time.

Rationale for Addition/Deletion/Change: Be specific. If these changes/additions/deletions require approval from an external accrediting agency or an advisory committee, include such approval.

No longer current or offered. Datatel status should be changed to O.

Departments or programs affected by this change and description of effects to those programs.

No other departments will be affected by the deletion of this course.

APPROVALS

Department Chairperson _____   Date _3/7/11_

Division Dean _____   Date _4/26/11_

General Education Committee _____   Date _____
(if necessary)

Chair of Curriculum Committee _____   Date _7/1/11_
(*Reviews all submissions with Vice President of Academic Affairs before bringing them to the Curriculum Committee*).

DLM 5/3/11

IV

Date: March 16, 1989

County College of Morris
_____
Contract

Dean Judith F. Raulf
_____
Contact Person

(201)361-5000, ext. 268
_____
Telephone

Course Number: CMP 232:

Course Title: Advanced CICS Programming

Course Credits-Lecture/Laboratory/Credit Hours: 3/1/3

Course Description:

An advanced course in CICS command level coding using COBOL. The course
includes study of CICS, Queue Management, advanced file processing using
file browsing techniques, temporary storage and transient data queues,
and advanced BMS features.

Category Suggested: IV

Rationale for the Category - include specialized faculty, equipment, supplies,
facilities, faculty-student ratio and other pertinent information.

Full and adjunct CIS faculty teach this course. IBM microcomputers and
terminals to MIS mainframe computer along with related computer supplies.
The course is taught half-time in the computer laboratories. Operating
budget expenses to rent the Intertest compiler have increased. The
faculty-student ratio is 1 to 20.

County College of Morris

COURSE INFORMATION OUTLINE

Course: Advanced CICS Programming   Cat. No.: CMP ~~XXX~~
                                                       (EW2)

Class Hours: 3   Lab Hours: 1   Credit Hours: 3

Department Chairperson Approval: _Stephens_   Approval Date: 10/5/87

Division Chairperson Approval: _Unger_   Approval Date: 11/11/87

1. Prerequisite (Last course(s)):
    CMP 219

2. Co-requisite:

3   Textbooks:
    CICS for the COBOL Programmer - An Advanced Course, Lowe, Doug,
    Mike Murach & Assocs, Inc., Fresno, CA.

4. Supplementary Books:

5. Supplementary Materials:
    One diskette

6. Statement of Course Objectives:
    To enable the student to design, code, and test CICS programs
    that use file processing, Queue Management, and advanced terminal
    processing features of CICS.

7. Statement of Relation to Curriculum(s):
    This is the 2nd level CICS coding course. An elective for
    curriculum 3501 and required course for certificate program.

8. Catalog Course Description:
    An advanced course in CICS command level coding using COBOL. The
    course includes study of CICS, Queue Management, advanced file
    processing using file browsing techniques, temporary storage and
    transient data queues, and advanced BMS features.

COURSE SYLLABUS

CLASS	TOPIC	TEXT PGS/ DUE DATES	CLASS	TOPIC	TEXT PGS/ DUE DATES
1.	CICS Internal Architecture		2.	CICS Management Modules TCP, KCP, FCP, PCP	
3.	Executive Interface Program		4.	CICS Tables	
5.	File Control Services, VSAM Review		6.	Lab: File Control Program	
7.	Advanced File Processing-Browsing Appl		8.	Temporary Storage Application	
9.	Transient Data, Trigger Level		10.	Advanced Mapping Applications	
11.	Lab: Multiple Maps		12.	BMS: Message Routing	
13.	Lab: BMS - Scrolling		14.	Mid-Term Exam	
15.	Exam Review		16.	Data Security and Integrity	
17.	ENQ/DEQ		18.	Transient Data Auto Transaction Initiation	
19.	Trigger Level		20.	Internal Control	
21.	START Command		22.	Error Processing	
23.	Lab: Abend Processing Abend Exits		24.	Recovery Proc./Journal Control	
25.	Dynamic Transaction Backout, Syncpoint		26.	Journal Files	
27.	CICS Command Summary		28.	Lab: Complete Program Integration	
29.	Task Control, Storage Control, Program Cont.		30.	Lab: Program Project Run	
31.	Final Exam				

DETERMINATION OF COURSE GRADE

Number of Projects _____ counts as _____% of Grade

Number of Tests/Quizzes _____ counts as _____% of Grade

Final Exam _____ or Project _____ counts as _____% of Grade

Attendance**/Class Participation ____ counts as _____% of Grade

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A = 100 - 90
B =  89 - 80
C =  79 - 70
D =  69 - 60
F =  59 -  0
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COUNTY COLLEGE OF MORRIS
COURSE INFORMATION OUTLINE

Course....Advanced CICS Programming.......…………….….............................. Cat. No .. CMP 232 ....
               Clinical
Class Hours: 3 ....Laboratory Hrs: 1 .... Credit Hours: ....3..........Course Fee ...$40.............
               Recitation

Department Chairperson Approval ....……........ Approval Date ....

Division Dean Approval .... .Approval Date ....

1. Prerequisite (Last Course or Courses): CMP 219 ....

2. Co-requisite ....

1. Textbooks:
    CICS for the COBOL Prorgrammer – An Advanced Course, Lowe, Doug,
    Mike Murach &Assocs., Inc., Fresno, CA.

4. Supplementary Books

5. Supplementary Materials:
    One 3 ½ "diskette

6. Specialized equipment, supplies, facilities, for classes limited by enrollment or restricted by
    accreditation and/or equipment limitations. (information will be used to determine differential
    funding category).

    This course requires specialized equipment with limited life cycle of one to five years. The
    equipment is expensive, subject to rapid obsolescence, and has high maintenance costs. The
    excess contact hours result from a catalog-stated requirement that students must spend additional
    time in a laboratory setting.

7. Statement of Course Objectives
    • Design, code, and test CICS programs
    • Use file processing
    • Use Queue Management
    • Use advanced terminal processing features of CICS

8. Statement of Relation to Curriculum(s)
    • Elective in 3500 Scientific Programming Option
    • Elective in 3501 Business Programming Option
    • Elective in 3502 Microcomputer Option

9. Catalog Course Description:

    An advanced course in CICS command level coding using COBOL. The course includes study of CICS, Queue Management, advanced file processing using file browsing techniques, temporary storage and transient data queues, and advanced BMS features.

    Occasionally

    Cat. No._____

10. Course Outline

    - CICS Internal Architecture
    - CICS Management Modules
      TCP, KCP, FCP, PCP
    - Executive Interface Program
    - CICS Tables
    - File Control Services, VSAM Review
    - File Control Program
    - Advanced File Processing – Browsing Application
    - Temporary Storage Application
    - Transient Data, Trigger Level
    - Multiple Maps
    - BMS: Message Routing
    - BMS – Scrolling
    - Data Security and Integrity
      Transient Data
    - ENQ/DEQ
    - Auto Transaction Initiation
    - Trigger Level
    - Internal Control
    - START Command
    - Error Processing
    - Abend Processing
      Abend Exits
    - Recovery Proc./Journal Control
    - Dynamic Transaction
      Backout, Syncpoint
    - Journal Files
    - CICS Command Summary
    - Complete Program Integration
    - Task Control
    - Storage Control
    - Program Continuation
    - Program Project Run