

CICS PROGRAMMING

COURSE CURRICULUM | COURSE CODE C005

10

MODULES

20 hrs

TOTAL INSTRUCTION

EVILT

DELIVERY METHOD

Basic JCL & COBOL
knowledge

PREREQUISITES

CICS PROGRAMMING CURRICULUM

MODULES 1 – 7

MODULE

1

Day 1 Module

- Introduction to CICS
- CICS basic terms
- BMS - Basic Mapping Support
- Physical Map, Symbolic Map
- BMS transactions - DFHMSD, DFHMDI, DFHMDF
- Attribute byte
- CICS transactions - CESN, CESF, CEMT

MODULE

2

Day 2 Module

- Introduction to Pseudo conversational programming
- Communication Area
- SEND MAP, RECEIVE MAP, RETURN
- CICS transactions - CEDA, CEMT

MODULE

3

Day 3 Module

- Program Control - LINK, XCTL

MODULE

4

Day 4 Module

- File Handling in CICS - WRITE, READ

MODULE

5

Day 5 Module

- File Handling in CICS - REWRITE, DELETE
- Cursor positioning techniques

MODULE

6

Day 6 Module

- Browsing in CICS - STARTBR, READNEXT, READPREV, ENDBR, RESETBR

MODULE

7

Day 7 Module

- TSQ - Temporary Storage Queue
- CICS transaction - CEBR
- TDQ - Transient Data Queue

CICS PROGRAMMING CURRICULUM

MODULES 8 – 10

MODULE 8	Day 8 Module	- CICS debugger - CICS transaction - CEDF - CICS - DB2 connectivity
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MODULE 9	Day 9 Module	CICS case study
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MODULE 10	Day 10 Module	CICS case study
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COURSE DETAILS

Course Overview	- We start with fundamentals of real time programming covering basics of Online programming, Mapset creation using BMS - Pseudo conversational programming, Usage of LINK/XCTL/TSQ/TDQ, Debugging and more
Course Activities	- Mainframe Engineers will be able to develop and maintain COBOL-CICS Applications using VSAM files/DB2 Tables - Mainframe Engineers will be able to enhance and debug existing CICS code - Programmers will get confidence in real time Programming and will be ready for Onsite Opportunities - Testing/Prod Support and other Professionals will be able to get their resume updated with CICS and look for new and better Job Opportunities
Target Audience	- Mainframe Programmers who are working in CICS Projects - Mainframe Programmers who wish to work in CICS Projects - Mainframe Support and Testing Professionals who wish to move into Development - Mainframe Engineers who wanted to search for new Opportunities in CICS in the Open market
Delivery Method	Ez-Learn Virtual Instructor Led Training (EVILT)
Course Duration	16 hrs
Prerequisites	Basic knowledge on JCL and COBOL is must
Recommended Training	One - One A Batch 2 to 5+ Persons
Learning Path	https://www.ez-learn.global/cics-in-cobol/