

WM865G

CICS Command Level Coding

Durata: 5 gg

Descrizione

In this course, you learn how to design, code, and debug command-level CICS application programs for e-business or traditional environments. The course applies to the entire family of CICS products.

Objectives: •Design and develop application programs for CICS environments

- Design applications with separate presentation and business logics
- Describe the purpose of the CICS Clients
- Code CICS commands
- Pass and receive control between program modules
- Describe and compare the CICS COMMAREA and the CICS channel and container interface
- Prepare programs and run tests, including problem determination and resolution, by using messages and online interactive debugging tools
- Access and modify Virtual Storage Access Method (VSAM) files, DB2 databases, temporary storage, and transient data queues
- Respond to normal and exception conditions from CICS commands
- Send and receive basic mapping support (BMS) maps

PreRequisites: You should have:

- Working knowledge of the underlying operating system platforms
- Basic knowledge of CICS fundamentals as taught in CICS V5 Fundamentals (WM851G)
- COBOL or PL/I application development skills
- Basic knowledge of application design and programming

Topics: •Course introduction

- CICS application programming environment
- Designing CICS applications
- Exercise: Introducing Worldwide Books Online
- CICS command overview
- Exercise: Using CICS Explorer
- Exercise: Writing a pseudoconversational echo program
- Debugging CICS applications
- Exercise: Debugging applications by using CEDF
- CICS basic mapping support
- Exercise: Writing the WB presentation program
- CICS program-to-program control
- Exercise: Completing the WB presentation program
- Exercise: Linking to a CICS program from outside CICS
- CICS data access
- Exercise: Completing the WB customer program
- CICS queues
- Exercise: Completing the WB order program
- Exercise: Enhancing the WB application (optional)

- CICS front-end programming
- Service flow and event processing
- CICS web applications
- CICS Business Transaction Services
- Course summary

A chi è rivolto?

This intermediate course is designed for application developers and analysts who design, code, and debug CICS command level applications.