

# Formation CICS V5 Command Level

## Coding

### Objectifs de la formation CICS V5

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.

Thanks to this formation you will be able to:

- 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

### À qui s'adresse cette formation ?

#### Public :

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

## Prérequis :

You should have :

- Working knowledge of the underlying operating system platforms
- Basic knowledge of CICS fundamentals
- COBOL or PL/I application development skills
- Basic knowledge of application design and programming

## Contenu du cours CICS V5

Course introduction

CICS application programming environment

Designing CICS applications

Exercice: Introducing Worldwide Books Online

CICS command overview

Exercice: Using CICS Explorer

Exercice: Writing a pseudo conversational echo program

Debugging CICS applications

Exercice: Debugging applications by using CEDF

CICS basic mapping support

Exercice: Writing the WB presentation program

CICS program-to-program control

Exercice: Completing the WB presentation program

Exercice: Linking to a CICS program from outside CICS

CICS data access

Exercice: Completing the WB customer program

CICS queues

Exercice: Completing the WB order program

Exercice: Enhancing the WB application (optional)

CICS front-end programming

Service flow and event processing



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CICS web applications

CICS Business Transaction Services

Course summary

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