



Enterprise Computing Solutions - Education Services

## TRAINING OFFERING

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# CICS V5.3 Systems Tailoring and Administration

CODE:	LENGTH:	PRICE:
WM816G	40 Hours (5 days)	€3,900.00

## Description

This course teaches CICS system programmers how to install, tailor, and administer CICS Transaction Server (TS) for z/OS. You learn to construct, run, and administer a CICS system. You tailor the system by configuring CICS to run applications, defining transactions, programs, files, web services, and other resources that CICS applications need. You administer CICS by using CICS transactions and the CICS Explorer.

The course also provides a thorough introduction to security and recovery concepts that are needed to administer new or existing installations of CICS TS. Topics include resource management, storage management, system control, task management, measurement and problem determination tools, intercommunication services, CICSplex SM, Cloud, Liberty, DevOps, IBM UrbanCode Deploy, DB2, IBM MQ, DBCTL, and more. You practice your new skills on a z/OS system that is configured specifically for this lab-intensive course.

For information about other related courses, see the IBM Training website: [ibm.com/training](https://ibm.com/training)

## Objectives

After completing this course, you should be able to:

- Define and set up CICS regions
- Analyze application descriptions, define resources, and customize
- Define the major functions and parameters that are used to control CICS
- Identify CICS procedures
- Identify system control functions
- Administer CICS resources with CICS transactions and the CICS Explorer
- Define the functions of intercommunication services
- Identify sources of information that is necessary to aid problem determination
- Measure and evaluate information that is used to measure and tune the environment
- Describe how the other MVS resource managers that IBM offers interface with CICS Transaction Server
- Describe the choices for starting CICS programs and accessing CICS data from outside CICS
- Describe how CICS uses z/OS Sysplex

## Audience

This course is designed for administrators of CICS Transaction Server for z/OS.

## Prerequisites

- Be familiar with CICS architecture and facilities, either through experience or by successfully completing course *CICS V5.3 Fundamentals* (WM806G)
- Have a working knowledge of z/OS, JCL, and TSO/ISPF
- Have a basic knowledge of z/OS Communications Server concepts
- Have a basic knowledge of VSAM concepts and Access Method services

## Programme

Course introduction  
CICS Transaction Server for z/OS overview  
Installation and verification  
Exercise: Getting acquainted with CICS TS for z/OS  
Resource definition  
Exercise: Preparing and starting a CICS region  
Supporting terminal access  
Exercise: Administering terminals  
Defining transactions, programs, and map sets  
Exercise: Defining transactions, programs, and map sets  
File control functions and file definition  
Exercise: Defining files and LSR pools  
CICS queuing facilities  
Exercise: Defining transient data queues  
CICS intercommunication services  
Exercise: Connecting systems  
Administering application resources  
Storage management and storage protection  
System control  
Exercise: Administering with CICS Explorer  
Startup, recovery, and restart  
Exercise: Defining recoverable resources and journal models  
Accessing external resource manager data  
Basic problem determination  
Exercise: JSON web services, DB2 resources, and OTE  
Measurement and evaluation  
Security and the external security manager  
Exercise: Statistics, dumps, and security  
Sysplex support functions  
Course summary

## **Session Dates**

On request. Please [contact us](#)

## **Additional Information**

[This training is also available as onsite training. Please contact us to find out more.](#)