

# IBM® WebSphere® Education CICS® Curriculum

## *Training to leverage the power of CICS in an SOA environment*

- Broad curriculum offers basic through advanced CICS courses for system programmers and application developers
- Courses for the entire CICS product family, including CICS Transaction Server, CICSplex System Manager and IBM TXSeries
- Reduce training time and cost with flexible delivery formats, including instructor-led online (ILO)

With service-oriented architectures (SOAs) maturing, IT departments now have the potential to deliver information infrastructures that can keep pace with management innovation. The convergence of CICS innovation and SOA technology helps make flexible information infrastructures possible, while preserving the qualities of performance and reliability that your enterprise depends on. The IBM WebSphere Education CICS curriculum can help you build the skills needed to leverage the new functionality of the CICS V3.2 Transaction Server and tools for the integration, application transformation and enterprise management capabilities that enable an SOA.

IBM WebSphere Education offers a comprehensive CICS curriculum that is designed to meet the needs of the roles involved in implementing and developing for CICS Transaction Server. Whether you need to build fundamental or advanced skills as a system programmer or application developer, WebSphere Education CICS courses provide you with the knowledge you need so your organization can fully leverage the powerful capabilities of the products in the CICS family. CICS application developers can build their expertise in designing, coding and customizing CICS applications. System programmers also have several course options that provide deep implementation, problem determination, performance tuning and debugging skills for CICS Transaction Server.

### **SOA and Web services**

These advanced-level courses teach students how to design, code and debug CICS application programs that use the Web services features of CICS Transaction Server V3.2.

- *WM870/VM870 CICS V3.2 Advanced Application Development for SOA and Web Services*
- *WM820/VM820: CICS V3.2 Additional System Programmer Topics Including SOA and Web Services*

### **Installing and tailoring CICS**

These courses cover the basics of CICS and how to customize your CICS implementation.

- *WM800 / VM800: CICS V3.2 Fundamentals*
- *WM810 / VM810: CICS V3.2 Basic Tailoring*
- *WM820 / VM820: CICS V3.2 Additional System Programmer Topics including SOA and Web Services*

### **CICSplex System Manager and security**

Enroll in the courses listed here to learn how to manage and safeguard your CICS implementation

- *WM840 / VM840: CICS V3.2 CICSplex System Manager Introduction*
- *WM850 / VM850: CICS V3.2 CICSplex System Manager Administration*
- *CI866: Understanding and Using the CICSplex SM WUI for Version 3.2*
- *ES840: Implementing RACF Security for CICS*

### **Problem determination and performance tuning for CICS**

The following courses are designed to help you troubleshoot and fine-tune the performance of CICS Transaction Server.

- *CI833: CICS Transaction Server for z/OS V3.1 Structure and Debugging Module I*
- *CI843: CICS Transaction Server for z/OS V3.1 Structure and Debugging Module II*
- *CI863: CICS Transaction Server V3.1 Performance Tuning*

### **Flexible learning options**

The content and instruction in ILO classes are exactly the same as classroom courses, including hands-on labs, but there is no need to travel to a classroom. ILO classes enable you to train without travel, making them ideal for training geographically dispersed teams. Visit [ibm.com/training/us/ilo](http://ibm.com/training/us/ilo) to learn more about ILO and course availability.

### **IBM Software Services for WebSphere**

In addition to WebSphere Education's CICS curriculum, IBM provides service offerings that can help you get the most out of your CICS implementation. To discuss your specific needs or to find out more about the value that IBM Software Services for WebSphere can offer, please contact your local IBM Software Services Sales Specialist at

[ibm.com/developerworks/websphere/services/contacts.html](http://ibm.com/developerworks/websphere/services/contacts.html).

### **Get started with your CICS training**

To learn more about WebSphere Education's WebSphere Commerce curriculum, visit [ibm.com/websphere/education](http://ibm.com/websphere/education) for a list of available courses, or contact an IBM WebSphere Education representative at

[websphere\\_skills@us.ibm.com](mailto:websphere_skills@us.ibm.com) for more information.



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Software Group  
Route 100, Building 1  
Somers, NY 10589  
U.S.A.

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