

Course Description: This three day course teaches students how to develop MQ business applications using the Base Classes for Java. The labs include extensive hands-on MQ Java coding exercises as well as basic administration tasks on UNIX and Windows platforms.

Who Should Attend: This course is designed for Java developers responsible for integrating various systems using WebSphere MQ.

Prerequisites: Students should have taken Technical Introduction to WebSphere MQ and have programming experience using Java.

Benefits of Attendance: Upon completion of this course, students will be able to:

- Describe and use the MQ Java Classes
- Design and write programs to use MQ Java Classes
- Explain the differences in program design necessitated by the messaging and queuing paradigm
- Understand, in detail, the different MQ functions
- Explain the differences in MQI across the different WebSphere MQ platforms

Course Outline:

Preparing and writing MQSeries Java programs

Using Basic MQ Java Classes

Accessing the Message Object

Triggering

Message Properties

Data conversion

Coordination of units of work

Minor MQI calls - accessing MQ Objects

Message groups and Segmented Messages

Distribution Lists

MQ Security

JMS Programming concepts