

# 102 WebSphere MQ Introduction and Administration



## Course Syllabus

<b>Important Facts:</b>	2 days  60% Lecture  40% Hands-on Labs
<b>Target Audience:</b>	Future Administrators, Operations Staff and Developers of IBM WebSphere MQ
<b>Class Objectives:</b>	After completion of this two-day course, the student will be able to apply a basic working knowledge of WebSphere MQ capabilities including: <ul style="list-style-type: none"><li>• Concepts</li><li>• Architecture</li><li>• Creating queue managers</li><li>• Administration of queues and channels</li><li>• Diagnosing and correcting problems</li><li>• Triggering</li><li>• Remote Administration</li><li>• Multi-Hopping</li><li>• Dead Letter Queue Handler</li><li>• WebSphere MQ Clients</li></ul>
<b>Prerequisites:</b>	This class is intended for students who will be responsible for working in a WebSphere MQ environment to support Metastorm Integration Manager. This is an introductory level course and students in this class should possess some familiarity with networking and computer fundamentals. No prior experience with WebSphere MQ on the part of the student is assumed.
<b>Topic Outline:</b>	<b>Day 1</b> <ul style="list-style-type: none"><li>▪ Messaging and Queuing Concepts</li><li>▪ WebSphere MQ Introduction</li><li>▪ Basic Queue Manager Administration<ul style="list-style-type: none"><li>○ Lab: Create a Queue Manager</li></ul></li><li>▪ WebSphere MQ Objects<ul style="list-style-type: none"><li>○ Lab: Create and Verify a Local Queue</li></ul></li><li>▪ WebSphere MQ Sample Programs<ul style="list-style-type: none"><li>○ Lab: Testing Local Queue</li></ul></li><li>▪ Message Queue Interface (MQI)</li><li>▪ Application Design</li><li>▪ Triggering<ul style="list-style-type: none"><li>○ Lab: Trigger Enablement</li></ul></li><li>▪ Basic Problem Determination<ul style="list-style-type: none"><li>○ Lab: Local Problem Determination</li></ul></li></ul>

## Day 2

- Distributed Queue Management
  - Lab: Setup and Test Channels
- Distributed Queuing Problem Determination
  - Lab: Distributed Problem Determination
- Remote Administration
  - Lab: Enabling Remote Administration
- Multi-Hopping
  - Lab: Multi-Hopping
- Queue Manager Clusters Overview
  - Lab: Clustering Demo
- Dead Letter Queue Handler
  - Lab: Setting Up a Dead Letter Queue Handler
- WebSphere MQ Clients
  - Lab : Configuring Clients