



Enterprise Computing Solutions - Education Services

## TRAINING OFFERING

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**You can reach us at:**

Arrow ECS B.V. T.a.v. Arrow Education, Elzenkade 1, 3992 AD Houten, Nederland

Email: [education.ecs.nl@arrow.com](mailto:education.ecs.nl@arrow.com)

Phone: +31 (0)88 0242 900 (930)



# Technical Introduction to IBM MQ

CODE:	LENGTH:	PRICE:
WM103G	8 Hours (1 day)	€780.00

## Description

In this course, you learn about IBM MQ V9 basic components and the path that messages follow when they are exchanged between applications. You also learn how IBM MQ administrative responsibilities can include the management of topic-based publish/subscribe messaging, managed file transfer, and deployments to the cloud. Topics include an overview of the support that IBM MQ provides for security, publish/subscribe, high availability, administration, logging, auditing, managed file transfer, MQTT, and cloud options.

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:

- Summarize current business drivers and the need for flexibility
- Describe enterprise messaging and the capabilities it must provide
- Identify the main ways that IBM MQ can impact application design
- Describe the basic components of IBM MQ
- Differentiate between point-to-point and IBM MQ cluster connectivity
- Summarize queue manager and queue manager components administrative tasks
- Contrast the architectural role of IBM MQ clusters and multiple instance queue managers
- Describe the security provisions of IBM MQ and IBM MQ Advanced Message Security
- Describe how IBM MQ is used as part of the communications infrastructure to:
  - Connect application environments, such as the World Wide Web, enterprise transaction systems, and database systems
  - Manage the distribution of publisher information to appropriate subscribers
  - Provide file transfer management with IBM MQ Managed File Transfer
  - Serve as a JMS provider
  - Interface with WebSphere Application Server
  - Store in-flight messages for IBM Integration Bus
  - Interact with z/OS applications
  - Facilitate connectivity to mobile environments with IBM MQ Telemetry
- Describe the options for deployment to the Cloud

## Audience

This basic course is designed for system administrators, system architects, application developers, quality assurance specialists, and technical sales and marketing professionals.

## Prerequisites

You should have skills and experience in one or more of the following specific areas:

- Communications and networking protocols
- System and network management
- Application development
- Transaction processing
- Client/server solutions

## Programme

Course introduction IBM MQ overview IBM MQ basics Messaging styles, topologies, and architecture overview System administration overview Security overview Introduction to IBM MQ Managed File Transfer Introduction to IBM MQ Telemetry and IBM MessageSight Introduction to the IBM MQ Appliance Expanding the scope of IBM MQ Course summary

## Further Information

Prior to enrolling, IBM Employees must follow their Division/Department processes to obtain approval to attend this public training class. Failure to follow Division/Department approval processes may result in the IBM Employee being personally responsible for the class charges.

GBS practitioners that use the EViTA system for requesting external training should use that same process for this course. Go to the EViTA site to start this process:

<http://w3.ibm.com/services/gbs/evita/BCSVTEnr1.nsf>

Once you enroll in a GTP class, you will receive a confirmation letter that should show:

- The current GTP list price
- The 20% discounted price available to IBMers. This is the price you will be invoiced for the class.

## Session Dates

Date	Location	Time Zone	Language	Type	Guaranteed	PRICE
12 May 2023	Virtual Classroom (GMT / UTC)	BST	English	Instructor Led Online		€ <del>780.00</del> €702.00
12 May 2023	Virtual Classroom (GMT / UTC)	BST	English	Instructor Led Online		€ <del>780.00</del> €702.00

## Additional Information

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