## 20 hrs

## WebSphere MQ - System Administration Training Outline

## Introduction to Messaging & Queuing Concepts

##  Interoperability Challenges

##  Messaging & Queuing defined

##  Messaging & Queuing Characteristics

##  Types of Messaging

##  How Message Queuing Works

##  Real World Examples

## Introduction to WebSphere MQ

##  WebSphere MQ overview

## WebSphere MQ Installation

##  Preparing Server Installation

##  Installing WMQ Server

##  Verifying installation

##  Installing & verifying WMQ Client

## WMQ Components

##  Queue Manager

##  Queues & Types of queues

##  Channels & Channel Types

##  Process Definition

##  Name lists

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## MQ Message & Message Properties

## Triggering

## Distributed Queuing

##  Distributed Queue Management

##  How DQM Works?

##  Distributed Queuing Components

##  Defining connection between two systems

##  Starting the communication

## Clustering Overview and Demo

## Administration Using WMQ Commands

##  Managing QM

##  Administering WMQ Objects (Local & Remote)

##  Automating Administration Tasks

## WebSphere MQ Control Commands

## WebSphere MQ Security

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## WebSphere MQ Configuration & Management

##  Configuring MQ

##  File System

##  Transactional Support

##  MQ Dead letter queue handler

## Availability, Recovery and Restart

##  High Availability Configurations

##  Logging

##  Backing up and restoring MQ

##  Recovery Scenarios