

# IBM I PERFORMANCE TUNING - I: PERFORMANCE TOOLS AND BASIC TUNING

Course Code: 0530

This classroom course of two days explains how to balance the workload on the IBM i system to ensure optimum performance.

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- Specifically, this course explains how to manage workloads, measure system performance, and tune the operating system to meet processing requirements.
- Hands-on exercises give you the opportunity to use the system functions that are available for controlling workload and tuning system performance.
- Evaluation criteria presented in this course are based on the latest information available from IBM development labs.

## What You'll Learn

After completing this course, learners should be able to:

- **Manage jobs by:**
  - ☒ Setting the appropriate system values
  - ☒ Modifying subsystem descriptions to fit the workload
  - ☒ Controlling batch jobs
  - ☒ Tailoring job descriptions to fit processing needs
- **Create unique environments for running jobs by:**
  - ☒ Creating subsystems for special applications
  - ☒ Directing jobs to run in these subsystems
  - ☒ Developing job descriptions for special jobs
- **Tune the performance of the system by:**
  - ☒ Setting up pools and activity levels to handle jobs
  - ☒ Tailoring execution parameters for job priorities
  - ☒ Evaluating current performance using information provided by the system
  - ☒ Changing system values and parameters as the workload changes

## Who Needs to Attend

This intermediate course is designed for data processing managers, programmers, and analysts.

## Prerequisites

Participants should be able to:

- Start and stop the operating system
- Start and stop subsystems
- Manage job, message, and output queues
- Describe security concepts and create user profiles

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VIRTUAL CLASSROOM LIVE

\$2,470 CAD

2 Day

## Virtual Classroom Live Outline

### Day 1

- Introduction/class administration
- Unit 1 - Work management
  - ☒ Exercise 1 - Job and subsystem information
- Unit 2 - Creating a work environment
  - ☒ Exercise 2 - Creating your own subsystem description
  - ☒ Exercise 3 - Special work management functions

### Day 2

- Unit 3 - Shipped system objects
  - ☒ Exercise 4 - System values and network attributes
- Unit 4 - Job structure and execution logic
- Unit 5 - Storage management
- Unit 6 - System tuning
- Summary

## Virtual Classroom Live Labs

- Labs are provided by Exit Certified on behalf of IBM

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