

# Control Language Programming Workshop for System i

Course code: OL20G

This course applies to the System i, iSeries, AS/400e, and AS/400 systems. Learn to write easy to use and efficient Control Language (CL) programs that require little or no involvement by system operators. Also, learn how to write user commands and modify commands provided by IBM.

## Who is the course for

This is an intermediate course for application and system programmers.

## What we teach you

### After completing this course, you should be able to:

Write interactive and batch CL programs

Write CL programs that:

- Control the execution sequence of high level language applications programs
- Automatically handle exceptions, errors, and inquiry messages
- Interrogate and change job attributes and system values
- Conditionally execute and branch within a CL program
- Perform arithmetic and logic operations
- Prompt for the parameters of a command within a CL program at execution time
- Use data areas, data queues, and messages to communicate to other jobs on the system

Use the interactive source debugging facilities of STRDBG

Create user defined commands to run applications

Write your own utility programs to handle repetitive and one time system control and management tasks

Write never ending batch programs that become active when work arrives

Describe the parameters on the CRTCLPGM command and the parts of a CL compile listing

Use the appropriate reference manuals, online help text, and Infoseeker

## Required skills

### You should complete:

**AS24CZ** - System Operator Workshop for IBM System i

**AS27CZ** - Advanced System Operator for System i

## Course Outline

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- Prompt for the parameters of a command within a CL program at execution time

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Use the interactive source debugging facilities of STRDBG

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