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## Control Language Programming for IBM i

**Duration: 4 Days    Course Code: OL20G**

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### Overview:

Hands-on course for iSeries students who intend to write Control Language programs to simplify server management and make effective use of system resources.

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### Target Audience:

Application programmers, systems programmers and others who have a need to write Control Language programs.

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### Objectives:

- After completing this course, students should be able to
  - Create CL programs to simplify system management tasks
  - Code CL statements for arithmetic, relational and logical expressions
  - Use the interactive source debugging facilities of STRDBG
  - Create user-defined commands with and without parameters
  - Create a Control Language program that processes a database file
  - Create and invoke a program that is activated periodically and executes asynchronously from other jobs
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### Prerequisites:

Before taking this course, students should be able to:

- Perform basic system operations
  - Issue the appropriate commands to send inquiry and information messages
  - Use DDS and the host-base toolset (PDM,SEU, SDA) to create physical, logical, and display files
  - Describe basic iSeries work management
  - Create a library, output queue and a job description
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### Content:

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| <ul style="list-style-type: none"><li>■ The course includes the following Topics:</li><li>■ Arithmetic/boolean/string expressions.</li><li>■ Program variable definition and use.</li><li>■ Built-in functions</li><li>■ Conditional processing.</li><li>■ CALL/RETURN and parameter passing.</li></ul> | <ul style="list-style-type: none"><li>■ Date conversion.</li><li>■ Display and database file handling.</li><li>■ Selective command parameter prompting.</li><li>■ Data Area and Data Queue manipulation.</li><li>■ Retrieve ; change job/user attributes.</li><li>■ Using system values.</li></ul> | <ul style="list-style-type: none"><li>■ Message handling :</li><li>■ Correcting programs with source debug.</li><li>■ Never-ending batch programs.</li><li>■ User-defined commands.</li><li>■ Compiler options.</li></ul> |
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## Further Information:

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

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