

## Control Language Programming Workshop for IBM i

**Duration: 4 Days    Course Code: OL20G    Delivery Method: Virtual Learning**

### 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.

#### Virtual Learning

This interactive training can be taken from any location, your office or home and is delivered by a trainer. This training does not have any delegates in the class with the instructor, since all delegates are virtually connected. Virtual delegates do not travel to this course, Global Knowledge will send you all the information needed before the start of the course and you can test the logins.

### Target Audience:

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

### 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

### 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

### 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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