

## RPG IV Programming Advanced Workshop for i

**Duration: 4 Days    Course Code: AS10G**

### Overview:

A comprehensive exposure to some of the advanced features and functions of the language for experienced RPG IV programmers. Power-programming for the discerning!

### Target Audience:

This is the third in a series of three courses designed for programmers who are new to RPG IV. Basic programming experience using RPG IV is essential. Experienced RPG/400 programmers who have recently migrated to the RPG IV language will also find this course important to their continued skills development.

### Objectives:

- After completing this course, the student should be able to:
- Use address pointers and user spaces in RPG IV programs
- Write database triggers in RPG IV
- Develop ILE modular objects and package them in service programs
- Explain the purpose of ILE Activation Groups
- Explain the behavior of Error Handling and Percolation in ILE
- Code an ILE Error Handling program
- Call iSeries APIs from RPG IV programs
- Describe how to use CGI in RPG IV for web applications

### Prerequisites:

Before attending this course, the student should be able to:

- Code subfile-processing programs in RPG IV
  - Employ error-handling features of the RPG IV language.
  - Describe the basic concepts of ILE and modular program design.
  - Use free-format coding techniques
  - Write date-processing routines which employ built-in functions
- These skills can be developed by attending the following courses:

- AS06 - iSeries RPG IV Programming - Fundamentals

### Content:

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| <ul style="list-style-type: none"> <li>■ The course includes the following Topics:</li> <li>■ Basic API Programming</li> <li>■ RPG IV Features</li> </ul> | <ul style="list-style-type: none"> <li>■ Leveraging DB2 UDB Database Features</li> <li>■ Advanced ILE Topics</li> <li>■ ILE Error Handling and Condition Handlers</li> </ul> | <ul style="list-style-type: none"> <li>■ ILE CEE API Programming</li> <li>■ Basic Web Enablement</li> <li>■ Other RPG IV Compiler Features</li> </ul> |
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## Further Information:

For More information, or to book your course, please call us on 00 20 (0) 2 2269 1982 or 16142

[training@globalknowledge.com.eg](mailto:training@globalknowledge.com.eg)

[www.globalknowledge.com/en-eg/](http://www.globalknowledge.com/en-eg/)

Global Knowledge, 16 Moustafa Refaat St. Block 1137, Sheraton Buildings, Heliopolis, Cairo