

iSeries RPG IV Programming – Advanced

Course code: AS10G

A comprehensive exposure to some of the advanced features and functions of the language for experienced RPG IV programmers.

Who is the course for

Each student will have a dedicated workstation to complete the numerous practical exercises. Sample solutions will also be provided.

What we teach you

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

Required skills

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

Course Outline

- Basic API Programming
- RPG IV Features
- Leveraging DB2 UDB Database Features
- Advanced ILE Topics
- ILE Error Handling and Condition Handlers
- ILE CEE API Programming
- Basic Web Enablement
- Other RPG IV Compiler Features

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