Course Name: Advanced RPG400 Programming

Course Code: ISRPT

Duration: 3 Days

Price: £ 1,650

Prerequisites: This is the follow on course for RPG400 Programming (ISRPP), so a basic understanding of RPG is assumed.

Course Outline: Delegates will develop more comprehensive, user driven applications. Execution time errors will be trapped and prevented, a multi-user file update program will be written, window displays will be used and CL commands executed from within RPG. Also, DDS features such as choice fields, radio buttons, pull down menus and menu bars will be coded and interfaced into RPG and externally described data structures and arrays will be coded.

Course Content:
• Windows in display files
• Finding the cursor locations
• Displaying long data items
• Database file handling and error trapping
• Handling record locks
• Data structures:
    Externally described data structure
    Multiple occurrence data structures
    Program status data structure
    File information data structures
• Reducing record locking with screen timeouts
• Commitment control and journaling
• Coding footers and summary pages on reports
• Arrays in RPG:
    E-Specs
    Compile time
    Run time
    Operation codes

• Join logical files and OPNQRYF
•User controlled files and overrides
•Executing CL commands from within RPG (QCMDEXC)
•Inter job communication
• DDS extras and interfacing into RPG:
    Choice fields and buttons
    Radio buttons
    Drop down menus
    Menu bar definition

Follow on Courses: The RPG Subfile Programming course (ISRPS).

Schedule:
2025

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

Dates available on request – Please call or email for details