

AS/Credentials SQL/400 Embedded

Duration: One Day

Prerequisites: SQL/400 Interactive or equivalent. Students should be comfortable with the editor (SEU), and have some experience with SQL.

Audience: This course is designed for RPG programmers who have some understanding of SQL.

Description: This course will provide a detailed review of the techniques used to embed SQL instructions inside RPG programs as well as many advanced topics.

Course Content:

- **SQL Basics:**
 - Why you would want to embed SQL
 - How to embed SQL in a RPG program
 - The syntax used when coding SQL
 - The SQL pre-compiler
 - The new fields provided
- **SQL Statements**
 - Embedding the SQL SELECT statement
 - Changing data with INSERT, UPDATE, and DELETE
 - Using the PREPARE statement
 - Using the DECLARE statement
 - SQL cursors and handles
 - Using the OPEN, FETCH, and CLOSE statements
- **Advanced Topics**
 - Error Handling
 - Complex SQLs
 - Advanced Cursor options
 - Commitment Control
 - Using Descriptors
 - NULL Values