

## AS/Credentials SQL/400 Interactive

**Duration:** One Day

**Prerequisites:** iSeries Basic Overview or equivalent. Students should be comfortable with the editor (SEU) on the iSeries, and be comfortable writing simple RPG programs. Students should have a basic understanding of programming concepts, and be comfortable working on the iSeries.

**Audience:** This course is designed for programmers and users who have some understanding of database concepts.

**Description:** Introduction to the SQL language on the iSeries. SQL is a powerful tool for database manipulation on many platforms. This class will review implementation principles on iSeries using hands on examples and SQL tools.

### Course Content:

- **SQL Tools:**  
STRSQL  
Query Manager
- **SQL Statement Syntax**  
Selecting which fields to display  
Extracting specific records from the database  
Sorting the data into a specific order  
Performing totals  
Built in functions
- **Data Manipulation**  
Adding records to a database  
Changing records  
Deleting records  
Creating new tables  
Deleting a table
- **Advanced SQL topics**  
Joining files                      Sub queries                      Security                      Stored procedures  
   Embedding SQL statements in an RPG program  
   Connecting to remote systems                      Commitment Control