

Introduction to COBOL/400 Programming

Course Summary

Description

This is an introductory class on the COBOL language. The class covers the general ANS 85 COBOL standard, and the IBM System i (AS/400) extensions to the standard for the OPM compiler. Students will learn basic COBOL rules and syntax; write, run and debug several batch COBOL programs. Interactive COBOL is not covered in this introductory class.

Topics

- Introduction to Programming in COBOL/400
- Defining Files and Processing Data
- Printing Reports with COBOL/400
- Designing Structured COBOL Programs
- Moving Data and Text Manipulation
- Computing in COBOL: The Arithmetic Verbs
- Decision Making Using the IF and EVALUATE Statements
- Debugging COBOL Programs
- Iteration: Beyond the Basic PERFORM
- Database Concepts and Externally Described Physical Files
- Accessing Logical Files
- Control Break Processing
- Random File Access Techniques for Keyed Files
- Single-Level Arrays and Tables
- Multiple-Level Arrays and Tables
- The COPY and CALL Statements

Prerequisites

System i (AS/400) Concepts and Facilities class, or equivalent. Basic knowledge of computer programming logic and techniques.

Duration

Five days