

## **iSeries Development Tools & CL Programming**

### **Course Summary**

#### **Description**

In this course, students will learn the concepts behind the IBM iSeries and AS/400 systems, how to use the character based application development tools and how to write CL programs. Using PDM, SEU, and SDA, students will learn how to create Control Language (CL) programs, commands, menus, input screens and database files.

#### **Topics**

- Introduction/System Overview
- Object Types & Management
- Application Development Toolset

#### **Prerequisites**

There are no prerequisites for this course, assuming the student is attending both parts.

#### **Duration**

Seven days, taught over two weeks in full and half days

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### **Course Outline**

#### **Part One - Concepts & Facilities**

##### **I. Introduction / System Overview**

- A. Keyboard / 5250 Interface
- B. Help Facilities
- C. Messages
- D. Using Commands
- E. iSeries Navigator - Intro/Overview

##### **II. Object Types & Management**

- A. Database Concepts
- B. Work Management
- C. Job & Print Control
- D. Security
- E. Backing Up Your Work

##### **III. Application Development Tools**

- A. PDM - Programming Development Manager
- B. SEU - Source Entry Utility
- C. SDA - Screen Design Aid

##### **IV. Query/400**

- A. iSeries Navigator - Database

##### **V. DDS for display files**

#### **Part Two - CL Programming**

##### **VI. Intro to CL**

- A. Creating CL programs
- B. Basic CL programming

##### **VII. Debugging**

##### **VIII. Input/output in a CL program**

##### **IX. Message Handling**

##### **X. Selective prompting**

- A. Command attributes
- B. Creating your own commands