

**Duration:** 1 day

**Course Number:** ISI-CA-10

## Description

This course teaches students the basic techniques required to use Advantage VISION:Results. Formerly known as DYL-280, VISION:Results is an information management and report generator tool with an easy-to-use, English-like programming language. In this class, students will learn how to use VISION:Results statements to:

- Define files to be processed.
- Format a report with titles and footings.
- Use relation logic to accept and reject records for reporting.
- Move data between record fields and work areas.
- Sort data.
- Format numeric data for the report.
- Define control breaks and subtotalling for reports.

A series of lab exercises will be used to reinforce the classroom education.

## Audience

End-users, application programmers, business analysts, and others that have a need to create reports using VISION:Results.

## Prerequisites

- **TSO/ISPF**, or equivalent experience.
- **Basic MVS JCL**, or equivalent experience.
- Previous experience in designing and coding application programs is not required, but will enhance the results of this course.

## Course Agenda

### Introduction to VISION:Results

- Purpose
- JCL Requirements
- Basic Statement Syntax
- Sample Program Structure

### Basic VISION:Results Statements

- OPTION Statement
- FILE Statement
- Defining Workareas
  - User-defined Datanames
  - System Datanames
- Printing Data
  - LIST Statement
  - PRINT / LCPRINT Statement
  - HEXPRINT / HEX Statement

### Record Selection

- IF/ELSE/ENDIF Structure
- Selection Logic
  - Relational Operators
  - Logical Connectors
  - Comparisons

### Arithmetic Functions and Moving Data

- Arithmetic Operators
- MOVE and Assignment Statements

### Sorting Files

- SORT Statement
- Sort Considerations

## Course Agenda (continued)

### Formatted Reporting

- REPORT Statement
- LIST Statement (Advanced Version)
- Field Edit Masks
- Printing Program Output
- Title Lines
- Multiple Line Reports

### Control Breaks

- CONTROL Statement
- ON CHANGE Statement
- ON FINAL Statement
- Special Control Break Fields

### USERDEFAULT Mode Programming

### Programming Methods and Concepts (if time permits)

- Analysis and Design
- Programming
- Debugging
- Condition Codes