

**Course Name:** Cobol Subfile Programming

**Course Code:** ISCBS

**Duration:** 3 Days

**Price:** £ 1,495

**Prerequisites:** Delegates should attend the Cobol programming course (ISCBP) ideally followed by a period of practical work in Cobol development prior to attending this course. Delegates must have a good practical knowledge of SDA, PDM and SEU and the fundamentals of programming in Cobol.

**Course Outline:** This course is intended for Cobol programmers developing applications which require multiple records to be displayed, paged through and interfaced with other applications, known as subfiles. The course covers the definition of a subfile and all subfile DDS keywords. By the end of the course you will have coded a load-all, expanding, single page and data entry subfile program and be able to identify and choose the right subfile for an application.

**Course Content:**

- Why use a Subfile
- Introduction to the different types of subfile
- Structure of a subfile
- Subfile loading techniques
- Subfile and Control format definition
- Load all subfile program structure & logic
- Declaring and using the RRN field
- Displaying the subfile (SFLDSP)
- Displaying the control (SFLDSPCTL)
- Clearing the subfile (SFLCLR)
- Processing options taken from a subfile
- Controlling which page of a subfile is displayed
- Entering data into a subfile

- Retrieving data from a subfile (READC and SFLNXTCHG)
- Expanding subfile program structure & logic
- The Load and Clear routines for an expanding subfile
- Single page subfile program structure & logic
- The Load and Clear routines for a single page subfile
- Logic for the page up & refresh routines
- Overview of remaining subfile DDS keywords
- Including a subfile in a window display
- Introduction to data entry subfiles
- Data Entry subfile program structure and logic
- Message subfile DDS keywords
- Defining & Using Error Message subfiles

**Follow on Courses:** There are no specific follow courses to this course.

**Schedule:**

2025

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

Dates on request Please call or email for details