

Course : Cobol programming

Practical course - 3d - 21h00 - Ref. BOL

Price : 1940 CHF E.T.

The aim of this training course is to provide learners with real skills in Cobol programming. All the fundamental concepts are developed. At the end of the course, participants will be able to read, write and develop Cobol applications.

Teaching objectives

At the end of the training, the participant will be able to:

- ✓ Master the global syntax of the Cobol language
- ✓ Understand and implement links between programs and sub-programs
- ✓ File management
- ✓ Control printing

Intended audience

This course is aimed at IT specialists who want to acquire operational training to develop or maintain Cobol applications.

Prerequisites

Basic programming skills. Experience of a development language desirable.

Practical details

Hands-on work

Numerous practical exercises systematically illustrate the concepts presented. They account for 60% of the course.

Course schedule

1 First steps in Cobol

- The Cobol language: its origins and evolution. Its general principles.
- New versions of Cobol, Cobol and the Object-oriented approach.
- The different parts of a program (division).
- The different zones (order numbers, indicator, A, B).
- The main symbols of language (words and literals).
- Compilers: their usefulness.
- Debugging tools.

PARTICIPANTS

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PREREQUISITES

Basic programming skills. Experience of a development language desirable.

TRAINER QUALIFICATIONS

The experts leading the training are specialists in the covered subjects. They have been approved by our instructional teams for both their professional knowledge and their teaching ability, for each course they teach. They have at least five to ten years of experience in their field and hold (or have held) decision-making positions in companies.

ASSESSMENT TERMS

The trainer evaluates each participant's academic progress throughout the training using multiple choice, scenarios, hands-on work and more. Participants also complete a placement test before and after the course to measure the skills they've developed.

2 The data

- Different formats, strings (or Pictures), levels.
- Figurative constants. Redefining a given.
- Data handling. Inspect, parameters used in commands. String and Unstring.

3 Instructions and expressions

- Treatment description. The division procedure. Basic structure of an instruction.
- Accept, Display, Move, different zones (alphabetic, alphanumeric, numeric).
- Parameters used in commands.
- Arithmetic instructions: Compute, arithmetic expressions, evaluation rules, Add, Subtract, Multiply, Divide.
- Conditional and branching expressions: Evaluate and Continue. Goto, Perform, Exit Alter. Reserved words.
- For proper use of these instructions.

4 Paintings

- Presentation, Set, Search.
- A different use for paintings.
- Implementation.

5 The functions

- Different call modes: example function.
- Financial, statistical, date and mathematical functions.
- Other interesting functions.

6 Programs and subprograms

- Conditions for using sub-programs.
- Call, Exit Program, Cancel, Stop, End Program.

7 The files

- File description. Data Division, organization and structure, Linkage Section.
- File management commands: Open, Close, Read, Start, Write, Rewrite, Delete.

8 Impressions

- Introduction. Different types of editing. The different formats of the Write command.

TEACHING AIDS AND TECHNICAL RESOURCES

- The main teaching aids and instructional methods used in the training are audiovisual aids, documentation and course material, hands-on application exercises and corrected exercises for practical training courses, case studies and coverage of real cases for training seminars.
- At the end of each course or seminar, ORSYS provides participants with a course evaluation questionnaire that is analysed by our instructional teams.
- A check-in sheet for each half-day of attendance is provided at the end of the training, along with a course completion certificate if the trainee attended the entire session.

TERMS AND DEADLINES

Registration must be completed 24 hours before the start of the training.

ACCESSIBILITY FOR PEOPLE WITH DISABILITIES

Do you need special accessibility accommodations? Contact Mrs. Fosse, Disability Manager, at psh-accueil@orsys.fr to review your request and its feasibility.