



INTERFACE COBOL COURSE

COBOL SYLLABUS

Course Description

This course will prepare you for career in mainframe COBOL programming. COBOL is used by some of the biggest, most successful, established companies in the world.

By the end of the course you'll know all the basic syntax and features of the COBOL language, and how to use COBOL for file and data processing and aggregation.

Participant Profile

This course is open to individuals with good computer usage skills. An assessment exam and interview is required to be accepted into this course.

UNITS

Outlined below are the units for this 12-week course. Keep in mind that we do not expect you coming to the course knowing the different terms, languages, and technical words that are included in the units. We'll teach you it all with hands-on instruction!

UNIT 1 **Course Overview and Introductions**

- Software installation and configuration
 - Learn how to use OpenCOBOLIDE to create and execute COBOL programs

UNIT 2 **COBOL Syntax & Concepts**

- The four divisions of COBOL
 - Learn the purpose and basic structure of each of the four divisions
- Working storage
 - Learn how working storage is used for data definition and variable storage
- Decisions & Iterations
 - Learn how to make decisions using IF
 - Learn how to iterate code for repetitive tasks

UNIT 3 **Subroutines & Algorithms**

- Defining and using subroutines
 - Learn how to modularize your code using subroutines, both internal and external
- Algorithms & Flowcharts
 - Learn how to chart a process and turn it into code

UNIT 4 **Introduction to File Handling**

- Mapping Files
 - Learn how to describe the format of a file
- Reading & writing sequential Files
 - Learn how to use file mappings to read and write sequential files
- More on the data division
 - Learn how to use groups to define structured, reusable data elements
- Copybooks
 - Learn how to create and use copybooks for organizing data definitions

UNIT 5 **Sorting & Merging**

- Sorting files for processing
 - Learn how to sort files before or after processing their data
- Merging files for processing
 - Learn how to take input from multiple files and merge them for processing

UNIT 6 **Other File Processing**

- Relative files
 - Learn how to use relative files for fast data access
- Indexed files
 - Learn how to use indexed files for fast data access

FAQS

Why should you enroll in this course?

COBOL is used by many of the most well-established and successful employers in the Midwest. This course provides you with all the information and training you need to start a career as a mainframe COBOL developer by providing practical knowledge and experience for real-world situations.

Should I come equipped with anything?

Interface School includes your choice of a Windows laptop or a Macbook Air in your tuition if you need one.

System requirements: Laptop should be 3 years old or newer and have 2 GB of RAM (8GB recommended) as well as 3.2 GB available hard-disk space for installation; additional free space required during installation (cannot install on a volume that uses a case-sensitive file system or on removable flash storage devices).