



Mainframe



Cobol



Corporate Trainer's Profile

Corporate Trainers are having the experience of 4 to 12 years in development , working with TOP CMM level 5 companies (Project Leader /Project Manager) qualified from NIT/IIT/IIM and work exp in USA and UK.



CMM (Capability Maturity Model) level Project Standard:-

The Capability Maturity Model (CMM) is a method for evaluating the maturity of organizations on a scale of 1 to 5. Get the Opportunities to work on Client Projects Of US/UK, which follow the all standard of CMM level 5 Company.

Projects



Advantages of Technology

The IBM mainframe market currently accounts for over 70% of business data stored and business transactions processed globally. It is the platform favored and indeed required by the majority of large organizations worldwide. However, fewer than 20,000 organizations will ever need a mainframe, and out of these, 10,000 have one already, and they have had for at least two decades. By contrast, the total number of organizations worldwide that require some form of IT but don't need a mainframe would be measured in tens if not hundreds of millions. This is a larger market by units, yet in total it represents less than 50% of the world's demand for computer capacity by value.

The mainframe is a solid, dependable, available, and scalable technology offering unparalleled security for today's e-business world, and capable of evolving to meet any future needs. Into the future, there aren't going to be large numbers of new mainframe customers, but the existing ones will grow their capacity at ever faster rates than the average historic annual norm of 30%.

Curriculum Highlights

The training programme includes both lecture classes with demo and practical sessions. Faculty members are experienced in both the training and development aspects of the industry. Practical sessions are given on IBM mainframe (S/390) environments directly linked to the server located in USA.

The curriculum for project management and process management courses is as per industry norms and is prepared in consultation with experts. The normal training programme includes technology tools and utilities apart from the core training contents. Technology updates are regularly incorporated in the curriculum and the trainees are equipped with the latest technology for ensuring high quality performance.

Job Prospectus

The new buzzword in IT training comes from an unexpected source mainframes. Resurgence in legacy hardware is attracting professionals who do not mind working on these platforms, motivated by the thought of a long-term career in this field.

Mainframes have now incorporated new technologies and capabilities and also operate as Web-enabled servers. Companies want their mainframe applications to run at lower costs and are therefore outsourcing their services to India. The fact that organizations worldwide have started focusing on disaster recovery and planning, has added to the demand for these professionals. Large global companies are now looking at India for outsourcing, but people with the requisite skill sets are not easy to find. These skills are also not easy to learn. A candidate would take at least three months to even get a hang of the basics, and about two to three years for a professional to become comfortable. Consequently, it can only be an option for those seeking a long-term career in this field. The following disciplines are in demand: CICS, DB2, JCL, VSAM, System Software, Application Software, IMS, and Operating System Management. More than 70 percent of large corporations in the US and the rest of the world use IBM mainframes to run their critical business applications. Most Fortune 500 companies have started outsourcing large projects on IBM mainframe platforms to India. These projects are mainly for maintenance and up gradation and require professionals with multiple skills in different areas, including domain

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SUMMARY: This course teaches the student about basic understanding of COBOL language along with hardcore concepts about cobol programming along with various modules and sub modules, search arguments and debugging.

AUDIENCE: Programmers/Analysts who will be responsible for writing and maintaining Cobol programs which will be accessing IMS and DB2 databases.

PREREQUISITES: Programmers with brief programming experience in any structured or OOP languages.

DURATION: 8 Days

OBJECTIVES: During this course, the student will understand:

SECTION I - Introduction to Cobol
Section II Various Divisions in Cobol Language
Section III Data type initialization and Declaration

Section IV FILE handling

Section V Arrays ,Index and Subscript

Section VI Sort and Merge

Section VII Call and EXIT

COURSE CONTENT: I Introduction to Cobol

A.Inception of Cobol
B.Uses of cobol
C.Industry Importance of Cobol
D.Need of Cobol in Business Use
E.Merits and Demerits of using Cobol as computer language.

II. Various Divisions in Cobol Language

A.Identification Division
B.Environment Division
C.Procedure Divison
D.Configuration Section
E.Input Output Section
F.File Control
G.Data Division
H.File Section

I. Working Storage Section

III. Data type initialization and Declaration

- A. Levels of Data
- B. Picture Clause
- C. Redefines Clause
- D. Renames Clause
- E. Procedure Division
- F. Accept Display Statements
- G. Conditional And Unconditional Parameters Perform Statement
- H. Search

IV. FILE handling

- A. Types of files
- B. Different Modes of Files
- C. Structure and Layout of Files.
- D. File Declaration and Initialisation Concepts
- E. File error handling routines.
- F. Copybooks and Replacing Clause

V. Arrays ,Index and Subscript

- A. Types of Arrays
- B. 2D and 3D Arrays
- C. Abend errors in Arrays.
- D. Indexing of Arrays.
- E. Perform Clause using indexing.
- F. Subscript Declaration and Initialisation.
- G. Difference between Index and Subscript.
- H. Declaration of Arrays

VI. Sort and Merge

- A. Internal and External Sort
- B. Sort Declaration and Syntax
- C. When and Search Clause
- D. Types of Sorts.
- E. Algorithm of Sorting
- F. Merging and Concatenation Concepts

VII. Call and EXIT

- A. Call and Exit routines.
- B. Calls Declaration and Initialisation
- C. Exit patterns and Syntax
- D. STOPRUN and GOBACK