

PL101 PL/1 For Programmers

Course Description	This course provides students with the skills required to code, test and document programs using PL/1. The schedule includes many practical exercises covering various problems of progressive complexity.
Who Should Attend	Participants should be programmers or programmer/analysts intending to develop and/or maintain PL/1 applications.
Pre-Requisites	Previous programming knowledge is not necessary, but at least six months practical experience should have been gained in the IT applications environment. A working knowledge of TSO/ISPF, or similar would be of benefit during practical sessions but is not strictly necessary.
Duration	8 Days
PL/1 Introduction	Exceptional Condition Handling
The PL/1 Language	General Overview
Program Organisation	On Error
The PROC - END Statements	PLIDUMP
Sub-routines Overview	On Endfile
General Language Syntax	
Scope Of Variables	
The DECLARE Statement	Basic Builtin Functions
Functional Overview	Functional Overview
Declarable Objects	Date, Time
PL/1 Basic Data Types	Substr, Verify
The Initial Attribute	Index, Translate
The Defined Attribute	Mod, Round, Trunc
Assignments	Sequential Record I/O
String Assignment	File Declaration
Arithmetic Assignment	Open
Data Conversion During Assignment	Close
Arithmetic	Read
Arithmetic Assignment (recap)	Write
Arithmetic Operators	
Arithmetic Expressions	
Data Conversion	Aggregates
Conditional Processing	Structures
If-Then-Else	Arrays
Conditions & Operators	
Do-End	Subroutines
Select - End	Call
Labels / Goto	Parameters
	Returns Attribute
Iterative Constructs	Storage Class Concepts
Do i = j to k BY(l) - End	Static, Automatic
Do While - End	Defined, Based Pointers
Do Until - End	