

Course Code: ES42G

Course Title: Parallel Sysplex Implementation Workshop

## Description:

This course is developed for systems programmers working on an implementation of a Parallel Sysplex. It covers the details of z/OS and z/OS-related products and subsystems exploiting the Parallel Sysplex components. It is focused on the resource sharing side.

## Objectives:

- Understand the steps to implement a basic and full Parallel Sysplex
- Implement a basic sysplex
- Implement a multisystem base sysplex
- Implement the connectivity for a Parallel Sysplex
- Implement the features and functions of a Parallel Sysplex
- Implement the coupling facility key exploiters
- Understand the different recovery scenarios

## Prerequisites:

Experience in the following areas is recommended:

- Installing **and** testing z/OS **and** related products
- HCD coding
- PARMLIB settings

## Duration:

36 Hrs

## Topics:

### Day 1

- Welcome
- Unit 1: Sysplex: Overview and definitions Lab 2: Building two stand-alone systems

### Day 2

- Unit 2: Base sysplex definitions and commands
- Unit 3: Hardware Management Console Lab 3: Building a two system base sysplex

### Day 3

- Unit 4: Base sysplex migration to Parallel Sysplex
- Unit 5: Coupling Facility architecture
- Lab 4: Base to Parallel Sysplex migration dynamically Lab 5: Dynamically add a third CF to sysplex

#### **Day 4**

- Lab 6: Implementation of CF exploiters

#### **Day 5**

- Unit 6: Sysplex operation and recovery
- Lab recovery

#### **Audience:**

This intermediate course should include system and subsystem programmers and personnel responsible for the implementation of the hardware and software for a Parallel Sysplex.