55077: Project Server 2013 Development

Duration: 5 Days
Method: Instructor-Led Training (ILT) | Live Online Training

Course Description

This course will show participants how to develop an application using the various APIs available in Project Server including Project Server Interface (PSI), .NET Client-Side Object Model, JavaScript Object Model and REST. Also, they will learn how to extend on-premises Project Server installs via web parts, local and remote event handlers, Apps via the new App Model and workflows.

Target Audience

This course is intended for:

- Anyone that needs to build applications that leverage Project Server 2013.

Prerequisites

To attend this course, candidates must understand:

- .NET C#
- SharePoint Navigation
- Project Server Basic Concepts (Projects, Resources, Tasks, Assignments, etc)
- Common Web Technologies like HTML, JavaScript® and jQuery.

Course Objectives

Upon successful completion of this course, attendees will be able to:

- Develop applications for Project Server using PSI and CSOM.
- Develop and create Project Server workflows.

Course Topics

Module 1: Overview
- Course Introduction

Module 2: Project Server Introduction
- Introduction
- Architecture
- Development Basics

Module 3: Project Service Interface (PSI)
- Project Server Interface

Module 4: Client-Side Object Model
- Client-Side Object Model
- JavaScript Object Model

Module 5: REST API
- REST APIs

Module 6: Programming Project Server
- Extending Project Server UI
- Event Receivers

Module 7: Developing Reports
- Portfolio Analysis
- Business Intelligence Features
- Managing Reports
- Common Errors

Module 8: Developing Apps
- Developing Project Apps
- Project Server Apps

Module 9: TFS and Project Server Integration
- Team Foundation Server
- TFS and Project Server Integration

Module 10: Developing Workflows
- SharePoint® Workflows
- Project Server Workflows

LABS INCLUDED