

<b>Workshop</b>	
<b>Name</b>	Synergetics – Office 365 Overview and SharePoint Online
<b>Duration</b>	5 days
<b>Objective</b>	This course explores the development opportunities using SharePoint Online
<b>Participants' Entry Profile</b>	Participants attending this course must have development experience on:  SharePoint 2010 .NET 4.0 C# 3.5 XML JavaScript
<b>Training Methodology</b>	The workshop will follow Synergetics methodology of Concept Visualization Active Experimentation Application Development.  The workshop will be 100% Hands-On with each participant having access to system during the session

<b>Setup Requirements</b>	
<b>Hardware and Software Requirements</b>	Participant's as well as Trainer's Machine are required to have :  <b>Hardware</b> Intel Pentium 4 [2+ GHz recommended] 1 GB RAM LAN connectivity Good Internet connectivity and bandwidth <b>Software [Install in following sequence]</b> Windows XP or Vista Microsoft Visual Studio.NET 2013
<b>Training Lab Requirements</b>	Whiteboard 6 feet by 4 feet (minimum) Whiteboard markers – Red, Blue, Green, Black Video Projector (1024 X 768 resolutions)

**Course Contents****Day 1**

- **Introduction to Office 365**
  - Overview of Microsoft Online Services
  - Managing Microsoft Online Services
  - Office 365 Desktop Requirements and Configuration
- **SharePoint Online features and Capabilities**
  - SharePoint Online Features
  - SharePoint Online Capabilities
- **Comparison of SharePoint OnPremise and Online features**
- **Managing the SharePoint Online Environment**
  - SharePoint Online Administration
  - SharePoint Online Administrative Roles
  - Managing Site Collections
  - Managing User Access
  - User Profile Service Administration

**Day 2**

- **SharePoint 2013 platform overview**
  - Need for SharePoint 2013
  - What's New in SharePoint 2013
  - SharePoint 2013 platform level improvements and new capabilities
- **Extending SharePoint 2013 with the new SharePoint App Model**
  - Understanding the new App Model in SharePoint 2013
  - Apps for SharePoint compared with SharePoint Solutions
  - Hosting Models for SharePoint 2013 Apps
    - Provider-Hosted
    - Auto-Hosted
    - SharePoint-Hosted
- **Using SharePoint 2013 Development Tools**
  - VS.NET 2013
    - Creating Site Columns and Content Type
    - Using List Template
    - Creating Extensions for Apps – Menu and Ribbon
  - “Napa” – Office 365 Development Tools
- **Overview of CSOM and REST**
  - API Changes in SharePoint 2013
  - Significance of OData
  - REST/OData Endpoints
  - Performing CRUD operations using AJAX and JQuery

**Day 3**

- **Developing SharePoint Hosted App**
  - Understanding App Resources

- Accessing SharePoint resources using App
- Accessing external resources using App
- **SharePoint 2013 Pages, Navigation and UI**
  - User Interface Design for Apps
    - Chrome Control
  - Creating AppParts using Client WebParts
- **Developing Auto Hosted App**
  - Features of Auto Hosted App
  - Differences between Auto Hosted and SharePoint Hosted App
- **Working with App Catalog**
  - Creating AppCatalog
  - Deploying and Installing Apps for SharePoint

**Day 4**

- **Event Handling in SharePoint 2013**
  - Events in SharePoint 2013
  - Remote Event Receivers
- **SharePoint 2013 Workflows**
  - SharePoint Deployments & Workflow
  - Windows Azure as the new workflow execution host
  - Fully declarative, no-code workflows
  - New Workflow Activities & Actions
  - Tools for SharePoint 2013 workflows
    - SharePoint Designer 2013
    - VS.NET 2012
  - SharePoint 2013 & Workflow Manager
  - SharePoint 2010 vs. 2013 Workflows
- **Business Connectivity Services in SharePoint 2013**
  - BCS OData Connector
  - Creating ECT for OData Data Sources
  - Consuming Data from SQL Azure service
  - SharePoint App Scoped ECTs
  - Remote Event receivers on External Lists

**Day 5**

- **Search Enhancements**
  - New Search architecture with one unified search
  - Personalized search results based on search history
  - Rich contextual previews
  - Content By Search Web Parts
- **Accessing and Customizing SharePoint components using CSOM**
  - Consuming Search Results in App
  - Creating and Accessing Managed Metadata term store terms
  - Accessing User Profile details in App