

20484CC	Essentials of Developing Windows Store Apps Using C#	5 DAYS	SATV : YES
----------------	---	---------------	-------------------

Course Description

This 5-day course teaches professional developers the essential skills required to develop Windows Store apps. Topics include understanding Windows 8 and Windows Store app principles, designing a Windows Store app (including PLM and app manifest considerations), implementing Charms/Contracts and the AppBar, creating an adaptable user interface, programming Tiles and Notifications, programming sensors and devices, managing data and security.

Course Outline

Module 1: Handling Files in Windows Store Apps

- Handling Files and Streams in Windows Store Apps
- Working with File User Interface Components

Module 2: Implementing Tiles and User Notifications

- Implementing Tiles, Live Tiles, Secondary Tiles, and Badge Notifications
- Implementing Toast Notifications

Module 3: Responding to Mouse and Touch

- Working with Pointer Events
- Working with Gesture Events

Module 4: Windows Store App Process Lifetime Management

- Process Lifetime Management
- Windows Store App Activation and Background Tasks
- Implementing a State Management Strategy

Module 5: Working with Resources, Styles, and Templates

- Creating Shared Resources
- Creating Styles and Templates

Module 6: Overview of the Windows 8.1 Platform and Windows Store Apps

- Introduction to the Windows 8.1 Platform
- Windows 8.1 UI Principles
- WinRT and Language Projections

Module 7: Creating User Interfaces Using XAML

- XAML Basics
- XAML Code-Behind
- Advanced XAML

20484CC	Essentials of Developing Windows Store Apps Using C#	5 DAYS	SATV : YES
---------	--	--------	------------

Module 8: Presenting Data

- Working with Data Presentation Controls
- The GridView Control

Module 9: Implementing Layout Using Windows 8.1 Built-In Controls

- WinRT Controls
- AppBar Control
- Windowing Modes

Module 10: Designing and Implementing Navigation in a Windows Store app

- Handling Navigation in Windows Store apps
- Semantic Zoom

Module 11: Implementing Windows 8.1 Contracts

- Designing for Charms and Contracts
- The Search Contract and the SearchBox Control
- The Share Contract
- Managing App Settings

Module 12: Designing and Implementing a Data Access Strategy

- Evaluating Data Access Strategies
- Working with Remote Data

Module 13: Planning for Windows Store App Deployment

- The Windows Store App Manifest
- Windows Store App Certification

After completing this module, students will be able to:

- Change the package manifest of an app to meet the requirements for deploying to the Windows Store.
- Deploy an app to the Windows Store and prepare an app for enterprise deployment.