

20484CC

**Essentials of Developing
Windows Store Apps
Using C#**
5 DAYS

In this course students will learn essential programming skills and techniques that are required to develop Windows Store apps. This includes a combination of both design and development skills, as well as ensuring that students are comfortable using and making the most of the Microsoft Visual Studio and Expression Blend tools.

Module 1: Overview of the Windows 8.1 Platform and Windows StoreApps

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

Module 2: Creating User Interfaces Using XAML

XAML Basics
XAML Code-Behind
Advanced XAML

Module 3: Presenting Data

Working with Data Presentation Controls
The GridView Control

Module 4: Implementing Layout Using Windows 8.1 Built-In Controls

WinRT Controls
AppBar Control
Windowing Modes

Module 5: Handling Files in Windows Store Apps

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

Module 6: Windows Store App Process Lifetime Management

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

Module 7: Working with Resources, Styles, and Templates

Creating Shared Resources
Creating Styles and Templates

Module 8: Designing and Implementing Navigation in a Windows Store app

Handling Navigation in Windows Store apps
Semantic Zoom

Module 9: Implementing Windows 8.1 Contracts

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

Module 10: Implementing Tiles and User Notifications

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

Module 11: Designing and Implementing a Data Access Strategy

Evaluating Data Access Strategies
Working with Remote Data

Module 12: Designing and Implementing a Data Access Strategy

Working with Pointer Events
Working with Gesture Events

Module 13: Designing and Implementing a Data Access Strategy

The Windows Store App Manifest
Windows Store App Certification
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.