

Training: Microsoft
MS-20484 Essentials of Developing Windows Store Apps Using C#



FORM OF TRAINING	MATERIALS	PRICE	DURATION
Traditional	Digital materials	950 EUR	5 days
Traditional	CTAB Tablet	1050 EUR	5 days

LOCATIONS

Krakow - 5 Tatarska Street, II floor, hours: 9:00 am - 4:00 pm

Warsaw - 17 Bielska Street, hours: 9:00 am - 4:00 pm

TRAINING GOALS:

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.

This course maps to the **70-484 exam**.

CONSPECT:

- 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: Responding to Mouse and Touch
 - Working with Pointer Events
 - Working with Gesture Events
- 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:

REQUIREMENTS:

Before attending this course, students must have:

- 1 or more years of experience creating applications
- 1 to 3 months experience creating Windows client applications
- 1 to 3 months experience using **Visual Studio 2010** or **Visual Studio 2012**
- Attended Course [MS-20483: Programming in C#](#), or equivalent knowledge

Difficulty level



CERTIFICATE:

The participants will obtain Microsoft certificates.

TRAINER:

Microsoft Certified Trainer.