

# Kurs-Dokumentation



## Zentrum für Informatik ZFI AG

# Essentials of Developing Windows Store Apps Using HTML5 and JavaScript (NWSA)

<http://www.zfi.ch/NWSA>

Weitere Infos finden Sie unter [www.zfi.ch](http://www.zfi.ch) oder via Adresse:

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<b>Titel</b>	<b>Essentials of Developing Windows Store Apps Using HTML5 and JavaScript</b>
<b>Untertitel</b>	
<b>Einleitung</b>	<b>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 Visual Studio and Expression Blend tools.</b>
<b>Ihr Nutzen</b>	<b>After completing this course, students will be able to:</b> <ul style="list-style-type: none"><li><b>- Describe the Windows 8 platform and features, and explore the basics of a Windows app interface.</b></li> <li><b>- Create the User Interface layout and structure.</b></li> <li><b>- Apply the MVVM pattern to application design.</b></li> <li><b>- Implement the AppBar and layout controls.</b></li> <li><b>- Use templates to create the UI.</b></li> <li><b>- Use data binding to present data in the UI.</b></li> <li><b>- Handle files and streams.</b></li> <li><b>- Design and implement Process Lifetime Management (PLM).</b></li> <li><b>- Handle navigation scenarios in a Windows Store app.</b></li> <li><b>- Implement Semantic Zoom.</b></li> <li><b>- Design and implement contracts such as Search, Share and Settings.</b></li></ul>



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**Module 3: Using WinJS**  
**The WinJS Library**

**WinJS APIs**

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**Module 4: Implementing Layout using Windows 8 Built-In Controls**  
**Windows 8 Layout Controls**

**Implementing WinJS Controls and Templates**

**The AppBar Control**

**Snap and Fill**

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**Module 5: Presenting Data**  
**Working with Data Presentation Controls**

**The ListView Control**

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**Module 6: Handling Files in Windows Store Apps**  
**Handling Files and Streams in Windows Store apps**

**Working with File User Interface Components**

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**Module 7: Windows Store App Process Lifetime Management**  
**Process Lifetime Management**

**Launching Windows Store Apps**

**Implementing State Management Strategy**

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**Module 8: Designing and Implementing Navigation in a Windows Store App**  
**Handling Navigation in Windows Store apps**

**Semantic Zoom**

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**Module 9: Implementing Windows 8 Contracts**  
**Designing for Charms and Contracts**

**The Search Contract**

**The Share Contract**

**Managing App Settings and Preferences**

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**Module 10: Implementing Tiles and User Notifications**  
**Implementing Tiles, Live Tiles, Secondary Tiles, and Badge Notifications**

## Implementing Toast Notifications

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## Module 11: Designing and Implementing a Data Access Strategy Evaluating Data Access Strategies

## Working with Remote Data

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## Module 12: Responding to Mouse and Touch Working with Mouse Events

## Working with Gesture Events

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## Module 13: Planning for Windows Store App Deployment The Windows Store App Manifest

## Windows Store App Certification

## Windows 8 Enterprise App Deployment

### Beitrag

Der Teilnehmerbeitrag versteht sich rein netto. Das ZFI ist (gemäss MwSt-Gesetz) nicht Mehrwertsteuerpflichtig und erhebt somit keine MwSt. Bei länger als einen Monat dauernden Lehrgängen ist die Zahlung des Teilnehmerbeitrages in mehreren Raten möglich (pro rata temporis).