

## Introduction to Windows Embedded CE

### Instructor-led Course (max 20 participants)

**Level:** 300    **Duration:** 3 Days    **Facility:** Microsoft Innovation Center Torino Training Lab

### Description

This Microsoft Embedded training course is intended for beginners prior knowledge or experience with Windows Embedded CE. It is designed to provide the students a basic knowledge of the Operating System, Platform Builder development environment and confidence necessary to begin developing Windows Embedded CE 6.0 devices.

#### Course Materials (pdf)

Training Manual

Labs Manual

Course Evaluation

### Audience

The training is targeted to primary users of Platform Builder, developers working for OEMs that will have to build, configure and test a Windows Embedded CE image on their devices.

- Basics of Windows Embedded CE 6.0
- How to use CE 6.0 Tools for Platform Development
- The workings of CE 6.0 Operating System Internals
- Familiarity with CE 6.0 Operating System Components
- How the Build Process works
- How to Create a BSP / OAL
- How Device Drivers are developed
- How to customize the OS Design
- The basics of Application Development
- How to Test and verify a final image

### Agenda

9.00    MReview of Windows Embedded CE fundamental  
9.30    Windows Embedded CE 6 – Introduction to the OS and differences between CE 6 and CE 5.  
10.30    Break  
11.00    Introduction to Platform Builder and the catalog  
12.00    Description of the build system and build of a test image  
13.00    Lunch  
14:00    Download of the test image and introduction to the remote debugging tools  
15.15    Break  
15.45    The basics of Application Development  
17:15    Q&A

### Prerequisites

This course requires that students meet the following prerequisites:

- Proficiency using the Windows Interface.
- Knowledge of C or C++ programming language

### Course Objectives

After completing this course, the student will be able to:

- Describe the features and requirements of the Windows Embedded CE operating system.

- Describe the build process for building a Windows Embedded CE OS image.
- Find the components that may be used to solve common application requirements.
- Integrate a basic application into a OS image and debug it.

### **Microsoft Certification exams**

This course is the best starting point to prepare the Technical Specialist Official Exams:

 [Exam 70-571](#): TS: Windows Embedded CE 6.0 Development