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Course Goals and Non Goals

- Course Goals
- To introduce various developer tools for Unit Testing, Code Coverage, Code Analysis and Logging

Pre-requisites

- C# 5.0
- ASP.NET 4.5
- ADO.NET 4.5

Day Wise Schedule

- Day 1
 - Lesson 1: Working with NUnit & NCover
 - Lesson 2: Using FxCOP, StyleCOP & Log4Net

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- Lesson 1: Working with NUnit & NCover
 - 1.1: What is Unit Testing
 - 1.2: Advantages of Unit Testing
 - 1.3: NUnit Testing Framework
 - 1.4: Working with NUnit
 - 1.5: Microsoft Test Framework
 - 1.6: Working with NCover

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- Lesson 2: Introduction to FxCOP, StyleCop & Log4Net
 - 2.1: What is Static Code Analysis
 - 2.2: Overview of FxCOP
 - 2.3: Overview of StyleCop
 - 2.4: Working with Log4Net

References

- Student Guide
 - PPT along with notes
- Lab Book
 - Lab Book consists of Walkthroughs to guide the participants throughout and <<To Do>> Exercises to test their knowledge and skills

