# Education guidelines for the elective: ASP.NET

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| **Name** | **ASP.NET** |
| Purpose | The aim of this course is to give the student insight in theory, principles, and practice of developing ASP.NET MVC applications |
| Language | English |
| Objectives knowledge | The student has knowledge about:   1. The .NET platform 2. MVC patterns 3. Hosting ASP.NET applications 4. Lifecycle of an ASP.NET MVC application |
| Skills | The student can:   1. Use the programming language C# to realize ASP.NET MVC applications 2. Can use Razor to develop Web pages 3. Develop Views, Controllers and Models 4. Validate user input 5. Develop applications with security in mind 6. Design a URL schema 7. Use databases in the web applications 8. Debug and test ASP.NET applications 9. Use .NET libraries |
| Competences | The student can:   1. Participate as a professional development team in development of ASP.NET MVC applications. 2. Keep up to date with ASP.NET development tools, programming technology and program design |