

ASP.NET Web Applications with HTML5 & CSS3

incl. Microsoft Azure & Web Services

Materials & teaching in English



Gain competencies in web application development, ASP.NET MVC 5, JavaScript, HTML5, CSS3 and Microsoft Azure & web services

This e-learning course teaches you how to use JavaScript with HTML5 and CSS3, as well as how to use ASP.NET MVC creators to create new web applications. You will learn how to design a user experience with adaptive user interfaces, ASP.NET Web API and MVC.

We review network bandwidth reduction, application architecture design for RESTful web applications, and implementation of security features such as user authentication and authorization. You will acquire competencies in .NET Framework, Windows Communicator Foundation (WCF) services, Web API and CSS3, and you will learn to develop and program applications for different platforms.

You will be taught WebSockets, Entity framework, WCF web services, data access with MS Azure, JSON and XML data, JavaScript and data storage. The syllabus corresponds to the content of the certifications:

- 70-480 (Programming in HTML5 with JavaScript & CSS3)
- 70-486 (Developing ASP.NET MVC Web Application)
- 70-487 (Developing Microsoft Azure and Web services) .

Please note that Microsoft has closed the above certifications and therefore it is no longer possible to obtain certification within these.

You will learn



Frontend Web Technologies & HTML5

- Build modern web pages with HTML5, CSS3, and JavaScript
- Use HTML5 APIs for local storage and offline data handling
- Create graphics, animations, and adaptive user interfaces
- Improve performance using Web Workers and async processing



Security, Debugging & Application

- Implement secure web applications using ASP.NET tools
- Debug ASP.NET projects and resolve runtime issues
- Configure authentication, HTTP modules, and error handling
- Manage globalization and Azure role life cycles in apps



Interactive Data & Client Communication

- Manage data flow and transmission in web apps
- Communicate using WebSockets for real-time data exchange
- Implement advanced input validation techniques for users
- Leverage asynchronous patterns for faster UI responsiveness



Web Services & Cloud-Based APIs

- Create scalable service applications using Web API
- Extend HTTP services through ASP.NET Core technologies
- Design and consume WCF services with concurrency control
- Package and prepare web services for deployment



ASP.NET MVC 5 Application Development

- Build robust ASP.NET MVC 5 web applications
- Connect .NET MVC with databases via Entity Framework
- Work with JSON and XML data formats in .NET projects
- Design structured MVC architectures for enterprise solutions



Microsoft Azure Data & Integration

- Access and manage local and cloud-based data sources
- Use Entity Framework for complex data queries
- Integrate Azure cloud services with web applications
- Build full-stack solutions with Azure and web technologies

The course is for you if you...

- ✓ Have experience in using PC and Windows
- ✓ Have basic understanding of programming and web applications
- ✓ Have experience with Visual Studio and JavaScript, as well as knowledge of C# programming languages
- ✓ Is motivated and has ambitions to work with the development of ASP .NET Web Applications

Course Structure

The e-learning course is divided into in-depth sessions with associated MeasureUp tests, so you gain a lot of knowledge and at the same time you can test your readiness. As a supplement to the e-learning course, you also get access to a whole library of e-books.

Certification

Microsoft has closed the certifications associated with the course, so it is no longer possible to obtain certification within these.

Careercoach

You also can spar with Itucation's career coach regarding CV, application and job strategy. If you wish to take advantage of this offer, please send an email to kurser@itucation.dk

Upcoming courses

- Start every monday!

Information & Pris

Location	E-learning, Selfstudy
Classes	5 days a week
Duration	6 weeks
Price for applicants	Free for unemployed*
<small>*Free, if you fulfil the criteria for 6-week job-oriented training programs via the Jobcenter</small>	
Price for jobcenter:	Kr. 19.600 (ex. moms)
Sign-up	www.itucation.dk Or contact us on 7027 2784



Information til a-kasser og jobcentre

Regional positivliste

E-learningsturset er godkendt.

Se vores hjemmeside for listetitel og

listenumre.

Pris

Kr. 19.600 (ex. moms)

Ugepris: kr. 3.266,66 (ex. moms)

Betalingstilsagn sendes til

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