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# WEB PROGRAMMING ASP.NET MVC CORE

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# SUMMARY



- ASP.NET Core MVC introduction
- The Model-View Controller (MVC) pattern
- Creating ASP.NET Core MVC applications
- Introduction to C# and Razor
- Entity Framework Core
- Validating data
- Layouts and Navigation
- Security
- Authentication and Authorization
- ASP.NET Core MVC Tests Automation

# EVALUATION



## Continuous Evaluation

**Work: 100%**

- Presentations every week. Students may skip up to 3 presentations.
- The work (web application prototype) must be publically available on GitHub and the commits must evidence workload equivalent to the student workload.



## Exam

Written test



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# BIBLIOGRAPHY AND RESOURCES

## TOOLS

- Adam Freeman, “Pro ASP.NET Core MVC”, 6<sup>th</sup> edition, Apress, 2016
  - <https://www.asp.net/>
  - Lecture notes
- 
- Visual Studio 2019