

# DAT152

## Advanced Web Applications

Bjarte Wang-Kileng

HVL

August 18, 2025



**Western Norway  
University of  
Applied Sciences**

# Teachers

Bjarte Wang-Kileng

- ▶ E-mail: Bjarte.Kileng@hvl.no
- ▶ Office: D409.
- ▶ Phone: 909 97 348, 55 58 76 10.

Tosin Daniel Oyetoyan

- ▶ E-mail: Tosin.Daniel.Oyetoyan@hvl.no
- ▶ Office:
- ▶ Phone: 405 70 403, 55 58 71 67

Per-Helge Litzheim Frøiland

- ▶ E-mail: phlf@hvl.no
- ▶ Office: Førde
- ▶ Phone: 55 58 76 10

# Plan

- ▶ See Canvas for the teaching plan. There will be changes.
- ▶ Lectures in auditorium and on Zoom.
  - Recordings in JavaScript will be deletead after one week.
- ▶ Students in Bergen, Førde and Haugesund.
- ▶ Lab on site.

# Lab in Bergen

- ▶ Lab in E442 and E443.
- ▶ First fill up E443.
- ▶ First lab session on Monday August 18.

# Lab in Førde and Haugesund

- ▶ Lab assistant in Førde is Per Helge Litzheim Frøiland.
- ▶ Lab assistant in Haugesund is not yet decided.

# Curriculum

- Curriculum
- ▶ Lectures.
  - ▶ All exercises, both with and without hand in materials.
  - ▶ Web pages and articles.

- Exercises
- ▶ 4 exercises must be approved.

- Exam
- ▶ 4 hours written exam, no aiding material.
  - ▶ Exam text will be in English.
  - ▶ Answer in Norwegian or English.

# More on the mandatory exercises

- ▶ Group sizes 2 to 4 students.
- ▶ Three exercises with hand in material.
- ▶ One exercise will be evaluated through an oral presentation.
- ▶ Maximum three attempts on each exercise.

# Demonstration of the JavaScript exercise

- ▶ The first mandatory exercise will be on JavaScript.
- ▶ A working solution must be handed in on Canvas.
- ▶ The working solution must be demonstrated to the lecturer.
  - Date, time and place will be given by the lecturer.
- ▶ All group members must participate.
- ▶ All group members must be able to explain every detail of the solution.
- ▶ Group members that do not participate will not get approved.
- ▶ Group members that do not understand the solution will not get approved.



# More on the exam

- ▶ Not only focus on code.
- ▶ Must understand general principles.
- ▶ Must be able to discuss and assess the subjects.
- ▶ Theory.

# Software we will meet

- ▶ JavaScript,
- ▶ Java,
- ▶ Eclipse,
- ▶ Spring Boot,
- ▶ and probably more.

# Questions

Questions

Any questions?