

Introduction to PROG2

3rd semester @ Erhvervsakademi København

Course Overview

- **Course description:** <https://katalog.kea.dk/course/3050391>
- **Workload:** 10 ECTS (14 hours per week - 6 hours lectures w/ exercises, 8 hours of self-study)
- **Projects:** Full stack project, AI Project, Semester project
- **Exam:** To attend the exam, you must have handed in all projects
 - 24-hour take-home exam: approx. 15. january 2026
 - 30 min oral presentation: approx. 20.-23. january 2026

Course material

- **Slides, Guides, Exercises and assignments:** [GitHub repository](#)
- **Materials:** Use Fronter for plan and links to GitHub.

Tentative Plan:

- 2 weeks: REST API + Spring Data JPA
- 2 weeks: JavaScript
- **2 weeks: Full stack project**
- 1 week: JavaScript
- 2.5 weeks: Functional Programming, Spring Security, Web Client
- **1.5 week: AI Project**
- **4 weeks: Semester project**
- 0.5 week: Exam review :)

Teaching and learning methods

- **Lectures + Live coding:** Introduction to the topics, followed by examples and discussions.
- **Guided exercises:** Hands-on exercises during class.
- **Self-study:** Continue working on exercises and projects outside of class.

Communication

- **Frønter**: Main communication platform for course materials and announcements (links to GitHub repositories, slides, etc.).
- **GitHub**: All course materials, exercises, and projects will be hosted on GitHub.
- **Email**: For individual questions or issues, you can reach out via email on Kiil@ek.dk (make sure to check your email regularly)