

# WEB TECHNOLOGIES USING **JAVA**

## ➞ COURSE 1 – INTRODUCTION.

# AGENDA

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- CURRICULUM
- EVALUATION

# CURRICULUM

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1. WEB APPLICATIONS INTRO
2. SPRING CORE
3. SPRING MVC WITH SPRING BOOT AND THYMELEAF
4. REST APIS WITH SPRING BOOT
5. WORKING WITH DATABASES USING SPRING DATA JDBC
6. JPA / HIBERNATE FUNDAMENTALS
7. WORKING WITH DATABASES USING SPRING DATA JPA AND HIBERNATE
8. WORKING WITH TRANSACTIONS IN SPRING
9. UNIT TESTS WITH JUNIT AND MOCKITO
10. INTEGRATION TESTS WITH SPRING
11. GENERATING API'S DOCUMENTATION USING SWAGGER

# CURRICULUM

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All course materials will be available in the Files section of [the course Teams group](#).

# EVALUATION

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## **EXAM: 5 POINTS**

- Implicitly granted points: 1 Point
- Minimum grade required to pass the exam: 5

## **LAB: 5 POINTS**

- Attendance: 1 Point
  - You may attend a lab with a different group, but the attendance points are granted only in your group
  - Lab attendance point is proportional with the attendance (1 point for 7 attended labs)
- Project: 4 points
- Minimum grade required to pass the lab: 5

# EVALUATION

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## NOTES:

- The re-examination exam will be like the initial exam.
- For re-examinations in the same academic year: if you fail the initial exam / you want a greater grade, you need to take only the exam again in the re-examination session. The lab points are kept.
- For re-examinations in a different academic year: if you fail the initial exam / you want a greater grade, you need to take the exam and do the lab project again in the re-examination session. The lab points are not kept.

**THANK YOU!**