# PROG 32758 Winter 2025 Class Plan

# Instructor: Wael Channaa

Contact Information: wael.channaa@sheridancollege.ca

Office Hours: **by appointment** with flexibility to accommodate students’ individual schedules. Please **email using Sheridan email (above) to schedule an appointment**.

Class Schedule:

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| --- | --- | --- |
| Jan 6, 2025 -Apr 18, 2025 | Wednesday 3pm-6pm | E203 Trafalgar |
|  | Friday 10am-1pm | G307 Trafalgar |

Course Outline:

https://ulysses.sheridanc.on.ca/coutline/coutlineview\_sal.jsp?appver=sal&subjectCode=PROG&courseCode=32758&version=2023010900&sec=0&reload=true

Mark Breakdown

Assignment 1 - 4%

Assignment 2 - 13%

Assignment 3 - 13%

In Class Activities - 10%

Midterm - 30%

Final - 30%

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100%

**A student must average at least 50% on the midterm and final exam,**

**calculated as a weighted average, as well as 50% overall in order to receive credit for this course.**

**Text:**

* Software: The latest versions of the \*correct!\* Java JDK and Eclipse
* Course Material: On SLATE (Sheridan Learning and Teaching Environment) site
* Website: https://www.baeldung.com/ Spring, Spring Boot, Spring Security, Spring Persistence, Spring RESTful, and Jackson and JSON general guides
* Website: https://spring.

\*Class Plan may change depending on the needs of the students in terms of time to cover each topic. The final exam will take place in the last week of the course, finishing the course material.

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| --- | --- | --- | --- | --- | --- | --- |
| **Week** | **Lesson** | **Date** | **Day** | **Topic** | **Deliverable** | **Marks** |
| 1 | 1 | 08-Jan-25 | W | Introduction & Review |  |  |
| 1 | 2 | 10-Jan-25 | F | Review & Install IntelliJ |  |  |
| 2 | 3 | 15-Jan-25 | W | Servlets & HTML |  |  |
| 2 | 4 | 17-Jan-25 | F | JavaServer Pages |  |  |
| 3 | 5 | 22-Jan-25 | W | JavaServer Pages |  |  |
| 3 | 6 | 24-Jan-25 | F | JavaBeans & MVC |  |  |
| 4 | 7 | 29-Jan-25 | W | Frameworks Spring |  |  |
| 4 | 8 | 31-Jan-25 | F | Dependency Injection | Assignment 1 | 4 |
| 5 | 9 | 05-Feb-25 | W | Controllers |  |  |
| 5 | 10 | 07-Feb-25 | F | Controllers |  |  |
| 6 | 11 | 12-Feb-25 | W | Thymeleaf |  |  |
| 6 | 12 | 14-Feb-25 | F | Model Attributes and Form Binding |  |  |
| 7 | 13 | 19-Feb-25 | W | Review |  |  |
| **7** |  | **21-Feb-25** | **F** | **Midterm** |  | **30** |
| **8** |  | **26-Feb-25** | **W** | **Reading Week** |  |  |
| **8** |  | **28-Feb-25** | **F** | **Reading Week** |  |  |
| 9 | 14 | 05-Mar-25 | W | Database |  |  |
| 9 | 15 | 07-Mar-25 | F | Spring Database |  |  |
| 10 | 16 | 12-Mar-25 | W | Lombok |  |  |
| 10 | 17 | 14-Mar-25 | F | CRUD EXAMPLE |  |  |
| 11 | 18 | 19-Mar-25 | W | Spring Security |  |  |
| 11 | 19 | 21-Mar-25 | F | Spring Security: Database + Session | Assignment 2 | 13 |
| 12 | 20 | 26-Mar-25 | W | Restful Web Services |  |  |
| 12 | 21 | 28-Mar-25 | F | JSON and AJAX |  |  |
| 13 | 22 | 02-Apr-25 | W | Testing Junit |  |  |
| 13 | 23 | 04-Apr-25 | F | Spring Mail |  |  |
| 14 | 24 | 09-Apr-25 | W | Group Work |  |  |
| 14 | 25 | 11-Apr-25 | F | ThymeLeaf fragments |  |  |
| 15 | 26 | 16-Apr-25 | W | Review | Assignment 3 | 13 |
| **15** | **27** | **18-Apr-25** | **F** | **Exam** |  | **30** |

**Quizzes must be written in the timeframe assigned by your instructor**. **ALL assignments must be submitted to the drop box. Emailed submissions are not acceptable**

## In Person Classroom Expectations: Day to Day

* Arrive on time and prepared including bringing your laptop and having access to SLATE sorted out
* Review posted materials and announcements on SLATE
* Mute your speakers in class
* Email your instructor at the above email address, DO NOT USE SLATE, if you know in advance you must miss a test or hand something in late (see FAST Evaluation Policy)
* Treat other students with respect and consideration

**The FAST Evaluation Policy is strictly followed in this course. A copy is available here for students to familiarize themselves with. It is the responsibility of the student to read and understand the policy prior to the beginning of term.**

[**http://academic.fast.sheridanc.on.ca/r/ac\_academic\_procedures\_for\_evaluations.pdf**](http://academic.fast.sheridanc.on.ca/r/ac_academic_procedures_for_evaluations.pdf)

## Group Work in this course

* The course project depends heavily on groupwork
* **Groups can be up to 4 students with 3 or 4 being the ideal number of students**
* The negotiations and conflict resolution that happens within a **group is an expected part of the learning in this course**
* All group members who have their name on the deliverable are assigned the same mark
* The professor will not be responsible for deciding who contributed what share of the work
* **Any academic integrity offenses are applied to all group members who have their name on the deliverable. It is each student’s responsibility to only sign their name to work they feel is an original contribution.**

## Code of Conduct

* Our classroom is a positive learning environment. Behaviour that goes against the Sheridan code of Conduct will not be tolerated
* **Students are expected to review the code of conduct here:** <https://www.sheridancollege.ca/life-at-sheridan/student-services/student-rights/student-code-of-conduct>
* **Students who violate the code of conduct within our classroom will be referred for sanctioning according to the policy linked to above and with the support of the Associate Dean and other parties as necessary.**