

## Emnerapport / Course report ved / at Infomedia #178

<b>Emnekode / Course code</b>	INFO180
<b>Emnetittel / Course title</b>	Methods in Artificial Intelligence
<b>Semester</b>	Autumn 2025
<b>Emneansvarlig / Course coordinator</b>	Mehdi Elahi
<b>Sist evaluert (semester / år) / Last evaluation (semester / year)</b>	Autumn 2021

### Hva er emnets undervisnings- og vurderingsform? / What are the teaching methods and forms of assessment used in the course?

The course consisted of 11 weekly lectures and 12 weekly group seminars (labs), conducted in a physical format. The lectures were primarily used to introduce and discuss the central concepts, methods, and theoretical foundations of the course topics, while the group seminars focused on practical problem-solving and programming exercises related to the lecture content. The group seminars were taught by three seminar leaders.

The course plan was similar to last year's plan. However, as a regular routine, the course materials were reviewed and improved where needed. So, the practical aspects of the lecture notes were further emphasized, and some parts of the material were revised.

The course assessment was based on a school (written) exam. There were four compulsory assignments during the course. The final form of course assessment was a written final exam with a grading scale of A - F. To enroll in the final written exam, students were required to complete and have approved at least three out of the four compulsory assignments.

### Oppfølging fra tidligere evalueringer / Follow up from previous evaluations

The previous course evaluation (when taught by another lecturer) indicated that the course might have been perceived as demanding or may have covered a large number of topics. As a follow-up to this evaluation, efforts have been made to focus on fewer topics while providing greater depth in each area.

Moreover, feedback pointed to the need for a clearer connection between the group seminars and the exam. To address this, the group seminar activities have been more closely and better aligned, thereby strengthening the connection between seminar work and the final examination.

<b>Evalueringemetode(er) / Form of evaluation</b>	Written examination
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### Sammendrag av studentene sin evaluering / Summarize the results from the student evaluation

The student evaluation indicates overall positive feedback on the course. For example, the majority of respondents found the lectures interesting and relevant to the objectives and content noted in the course description, and also found the syllabus relevant to the course objectives.

One student requested better alignment between the theoretical lectures and the programming-based group seminars (as well as assignments). Also, more guidance from seminar leaders was requested. Although the course content was largely based on material from previous years, several improvements were already applied this year, but this feedback can be further taken into account in future editions. Finally, there was also a suggestion that making the seminars obligatory could be beneficial for students.

### Emneansvarligs evaluering / The course coordinator's evaluation

This was the first time I taught this course, and overall followed the structure of the course plan. From my point of view, the course covered a wide range of topics, but most students appeared able to follow the lectures well and complete the course requirements. The lectures mainly focused on introducing and explaining the theoretical foundations of the course, while the group seminars were intended to support the practical aspects through hands-on programming exercises.

Based on my own observations and the student feedback, there is still room to further improve the balance between theory and practice in the course. Although several improvements were already implemented this year, the identified points will be taken into account when planning future editions of the course. Overall, I think the course can be considered relevant and well-organized.

#### **Evt. kommentar til karakterfordeling / Comments on the grade distribution**

The grading process has not yet been completed, as the exam date was recent. However, the grade distribution is expected to be in line with previous editions of the course.

#### **Mål for neste evalueringsperiode - forbedringstiltak? / Goals for the next evaluation period - what can be improved?**

In general, the course lectures appear to be well run in terms of the teaching plan and syllabus, based on both my own experience and the student evaluation. So, no major revisions are considered highly necessary for the lectures at this stage. However, a possible improvement could be to further strengthen the alignment between different teaching components, i.e., group seminars, assignments, etc., so that the practical activities in the seminars more clearly support the theoretical content presented. In addition, the organization and content of the seminar sessions can be better reviewed in order to provide clearer guidance and more consistent support for students during practical work.