

#16

Emnekode / Course code	INFO 263
Emnetittel / Course title	Interaction design and prototyping
Semester	Spring 2021
Emneansvarlig / Course coordinator	Frode Guribye
Sist evaluert (semester / år) / Last evaluation (semester / year)	never - new course

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

The course is new and was taught for the first time.

The course teaches prototyping and interaction design and is organised as lectures given and seminars led by teaching assistants. The assessment in the course consisted of a group assignment where the students went through an interaction design process and documented their designs, and an individual home exam. The course was originally planned to have a school exam. However, due to the pandemic, the plan was changed, and we had to adapt by changing the exam to a home, open-book exam.

The seminars were dedicated to practical exercises aimed to help students with their obligatory assignments and prepare them for the group project. For example, in the seminars, the students went through several design iterations including lo-fi and hi-fi prototyping.

Oppfølging fra tidligere evalueringer / Follow up from previous evaluations

not relevant. new course

Evalueringemetode(er) / Form of evaluation	Group assignment and home exam
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Sammendrag av studentene sin evaluering / Summarize the results from the student evaluation

The evaluation was ok. Some students were not satisfied with the organisation of the course. The course was new and adjustments had to be made to adopt to unforeseen circumstances.

The course had some overlap with other courses, specifically MIX100 and INFO162. It was also taught simultaneously with the new course MIX114 on web programming. The students from MIX bachelor took both courses, so we had to adjust the plans according to this overlap.

Some students felt frustrated because the course did not focus enough on web technology, HTML, CSS, and JavaScript. While we had introductory lectures for these topics, we did not go further, as we had to cover many other topics. Moreover, the students had different background knowledge on the topic, from no knowledge at all to familiarity and proficiency.

During the course, there were 3 guest lectures, two of which were given by industry professionals. The guest lectures were perceived as interesting, and students were active and asked questions to the guest lecturers.

Emneansvarligs evaluering / The course coordinator's evaluation

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Evt. kommentar til karakterfordeling / Comments on the grade distribution

The grade distribution was fine.

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

In the next year, it might be a good idea to reduce the number of students in the course. Otherwise, the grading components, such as group project report, should be revisited. We had several issues with group projects during the course. Namely, the students are allowed to opt-out from the course at almost any point in time, and some students suffered from their group-mates leaving the course after the group projects started. Another issue was that it is very hard to organize feedback to so many group projects in progress, and it takes a significant amount of time and effort to grade reports.

The topics in the course should also be revisited. The current format of the course is not suitable for teaching web technologies or programming, thus either the format must change or topics related to web technologies should be dropped from the course syllabus.

#20

Emnekode / Course code	MIX114
Emnetittel / Course title	Webutvikling
Semester	Vår 2021
Emneansvarlig / Course coordinator	Truls Pedersen
Sist evaluert (semester / år) / Last evaluation (semester / year)	Aldri

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

Undervisningsform:

Forelesninger/workshop

Gruppeprosjekt

Vurderingsform:

Individuell oppgåve i programmering

Individuell oppgåve i grafisk design

Gruppeoppgåve: studentane lager ei løysing som integrerer programmering og grafisk design, og skriver ein skriftleg spesifikasjon på om lag 4000 ord.

Hver deleksamen vektes 1/3.

Evalueringmetode(er) / Form of evaluation	Emnerapport
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Sammendrag av studentene sin evaluering / Summarize the results from the student evaluation

Hva var det beste med emnet?

- Den grafiske delen var utrolig spennende.
- Fokus på design.
- Oppmerksomme og lyttende foreleser.
- Figma.
- Det beste med emnet var programmeringseksamen.
- Tålmodige og hjelpsomme forelesere.
- Tett kontakt med forelesere.

Hva kan forbedres?

- Mer strukturell gjennomgang i programmeringen, gjerne trinnvis liknende INFO132 høsten 2020.
- Kodingen var veldig vanskelig og grafiske oppgaver var VELDIG lette.
- MIX100 + MIX114 overlapper nesten 100% med det som undervises i INFO263.
- Gruppeoppgave burde vært mindre splittet, burde hatt en samlet grafisk del og kode-del.
- Dårlig kommunikasjon mellom lærere/forelesere seg i mellom og lærer og elev.
- Oppgavene burde ha blitt spredt over semesteret og ikke konsentrert mot slutten.
- Stort behov for lab i mix (programmering) sånn som det er i info fagene.
- Emnet introduserer for mange prinsipper dermed går man ikke inn på dybden i mange av disse feltene.
- Oppgavene er vanskeligere i forhold til undervisningen.
- Ukentlige programmeringsoppgaver er bedre, med gradvis stigende vanskelighetsgrad for hver uke.
- Dårlig struktur og planlegging.

Emneansvarligs evaluering / The course coordinator's evaluation

Emneansvarlig deler i stor grad studentenes vurderinger. Det er behov for mer struktur og koordinerings, og et lab-opplegg eller lignende for programmeringstrening med jevnt økende vanskelighetsgrad. Det ville vært en betydelig fordel med en studentassistent som kunne assistere i slik labundervisning. Kanskje enda viktigere ville vært en IT-assistent eller lignende som kan administrere webservere som studentene kan benytte. I år brukte vi wildboy-serveren, men denne er ikke satt opp på en måte som er ideell for dette emnet.

Organiseringen dette semesteret ble dessverre dårligere enn den burde, delvis siden dette er første gang kurset går i kombinasjon med at det er noe kompleks struktur (tre fagansvarlige og bredt innhold), og delvis på grunn av pandemi og sykdom.

**Last opp karakterfordeling her
(Du finner den i Inspira, alternativt kan
du ta kontakt med administrativ
kontaktperson)**

[Resultatliste MIX114 våren 21.pdf](#)

**Upload the grade distribution here
(You'll find it in Inspira, you can also
contact the administrative contact
person)**

Evt. kommentar til karakterfordeling / Comments on the grade distribution

Eksamensoppgavene for programmering var ikke riktig balansert i forhold til formen (en ukes hjemmeeksamen), så eksamensteksten bør endres.

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

Koordinere innhold med INFO263.

Strukturere programmeringsundervisningen.

Egnede servere til hver student.