Emnerapport / Course report ved / at Infomedia #121

Emnekode / Course code	INFO125
Emnetittel / Course title	Data Management
Semester	23H
Emneansvarlig / Course coordinator	GUOHUI XIAO
Sist evaluert (semester / år) / Last evaluation (semester / year)	2017

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

The course is organized as 15 lectures every week. Each lecture lasts 2*45 mins. The lecture is given as powerpoint presentations. System demonstration with live coding is often provided when showing how the system/code is actually working. Selected high-quality short videos (~5min) from YouTube are played during the lecture

Mandatory tasks include 6 assignments, 5 of which must be approved in order to enter the exam. Lab tasks (not graded) are provided to students for further exercise.

The exam is 4 hours of written exam. It is an open-book exam. All paper-based materials can be used.

Oppfølging fra tidligere evalueringer / Follow up from previous evaluations

According to the database, the previous evaluation was done in 2017. The course has changed significantly since then. In particular, the proposal of dropping XML/XPath/XQuery and adding NoSQL database had already been implemented (around ~3 years ago).

Evalueringsmetode(er) / Form of evaluation	4 hours written exam

Sammendrag av studentene sin evaluering / Summarize the results from the student evaluation

- The instructor is very competent in the topic of the course
- Some students commented the lecturer had improved a lot compared with previous year in another lecture
- Some media- and interaction design students said the course is interesting and challenging, but can't understand why it's a required course for them.
- The textbook and several of the seminar exercises and assignments are too "US-centric". It would be better to have at least the exercises and assignments better suited to Norwegian situations/examples.
- The instructor cares about the students, and is alway ready to help students during the lecture or through email exchange.
- The syllabus is relevant in relation to the objectives and content detailed in the course description, and up-to-date
- The students learned a lot in the course

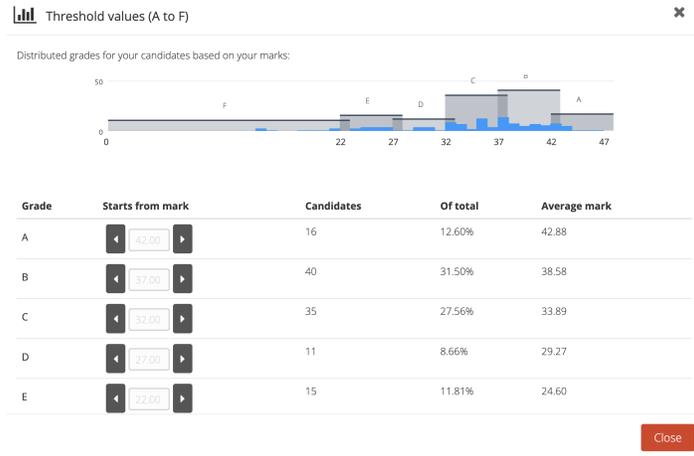**Emneansvarligs evaluering / The course coordinator's evalutaion**

- The course materials (lecture notes and assignments) have been designed carefully. These materials have been updated from previous years to be more consistent and up-to-date.
- The courses are given in the lecture room physically. Attendance was not mandatory, but very helpful for students. The discussion with students during the lecture shows that the students are in general happy about the lectures.
- The presentation is done in an interactive way. Several students are often raising good questions. Such interaction is important to make sure the students understand the topic
- There are a lot of email exchanges between the students and the instructor. Normally the students receive replies in

a short time.
- The seminar leaders are working hard and the feedback from the students are positive.

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

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

	Threshold values (A to F)				✕

Distributed grades for your candidates based on your marks:

Grade	Starts from mark	Candidates	Of total	Average mark
A	◀ 42.00 ▶	16	12.60%	42.88
B	◀ 37.00 ▶	40	31.50%	38.58
C	◀ 32.00 ▶	35	27.56%	33.89
D	◀ 27.00 ▶	11	8.66%	29.27
E	◀ 22.00 ▶	15	11.81%	24.60

Close

distribution.png

Evt. kommentar til karakterfordeling / Comments on the grade distribution
- There are 127 candidates in the exam. The grade distribution roughly follows normal distribution.
- The results showed that the students in general have a good understanding of the knowledge from the course

Mål for neste evalueringsperiode - forbedringstiltak? / Goals for the next evalution period - what can be improved?
- The topic of the transaction is taught in the Python programming part. This caused an issue of mixing the concept of the transaction itself and how to use Python API. In the future, it can be taught as a standalone topic.
- The examples used in the lecture and exercises can be revised to be less "US-centric"