

# Report - IL2240 - 2024-04-08

Respondents: 1  
Answer Count: 1  
Answer Frequency: 100.00%

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Please note that there is only one respondent to this form: the person that performs the course analysis.

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**Course analysis carried out by (name, e-mail):**

Gunnar Malm, gunta@kth.se

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**DESCRIPTION OF THE COURSE EVALUATION PROCESS**

**Describe the course evaluation process. Describe how all students have been given the possibility to give their opinions on the course. Describe how aspects regarding gender, and disabled students are investigated.**

Students have responded to the 6 item LEQ. There is too limited statistics to comment on specific sub-groups in the student population.

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**DESCRIPTION OF MEETINGS WITH STUDENTS**

**Describe which meetings that has been arranged with students during the course and after its completion. (The outcomes of these meetings should be reported under 7, below.)**

N/A

As a comment a majority of the master level students take the follow up course in the next period and are able to provide feedback on the progression between the courses IL2240 and IH2657.

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**COURSE DESIGN**

**Briefly describe the course design (learning activities, examinations) and any changes that have been implemented since the last course offering.**

Only minor changes to the weekly exercises. Lecture order and content was kept from previous round.

The examination format has been fine tuned towards criteria based grading by specifically ordering the question under criteria headings. This effort started in 2023 and continued in 2024.

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**THE STUDENTS' WORKLOAD**

**Does the students' workload correspond to the expected level (40 hours/1.5 credits)? If there is a significant deviation from the expected, what can be the reason?**

Medium workload at 20h/week or slightly lower. Leaves some room to increase the pace of the course or add more laboratory work, which would be the preferred option.

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**THE STUDENTS' RESULTS**

**How well have the students succeeded on the course? If there are significant differences compared to previous course offerings, what can be the reason?**

No major changes only very students had to appear for the re-exam. A fair distribution along the grading scale A-E is observed.

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**STUDENTS' ANSWERS TO OPEN QUESTIONS**

**What does students say in response to the open questions?**

Some students did not appreciate the flipped classroom approach that required both reading the book before the lecture and then being active in the lectures.

Other student appreciated the up-to-date course content and industry outlook provided by the professor.

The lab was probably a very good complement to the theoretical parts and more labs should be added given that assistant are available.

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**SUMMARY OF STUDENTS' OPINIONS**

**Summarize the outcome of the questionnaire, as well as opinions emerging at meetings with students.**

Opinions differ but the overall survey outcome is positive and at the same level 5-6 in all investigated aspects in the LEQ6.

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**OVERALL IMPRESSION**

**Summarize the teachers' overall impressions of the course offering in relation to students' results and their evaluation of the course, as well as in relation to the changes implemented since last course offering.**

As mentioned above more labs should be added.

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**ANALYSIS**

**Is it possible to identify stronger and weaker areas in the learning environment based on the information you have gathered during the evaluation and analysis process? What can the reason for these be? Are there significant difference in experience between:**

- students identifying as female and male?
- international and national students?
- students with or without disabilities?

N/A no statistics to support this

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**PRIORITIZED COURSE DEVELOPMENT**

**What aspects of the course should be developed primarily? How can these aspects be developed in short and long term?**

Most likely drop the flipped classroom aspect of the exercises. These sessions do not use the time effectively and the learning is not to the expected level. Also highly dependent on the assistant and requires special coaching.

Make the flipped classroom aspect of the lecture better by completely reworking the reading instruction so student can prepare better, reduce the uncertainty.

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**OTHER INFORMATION**

**Is there anything else you would like to add?**

A module of IL2240 will be offered as life long learning next round and this will also lead to some course renewal.