

# Report - MH2029 - 2022-12-22

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):**

Pär Jönsson, parj@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.**

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Course surveys:

Oct 27 to Nov 9, only 2 out of 8 answered

Started a new survey Nov 18 to Dec 1, only 1 out of 8 students answered

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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.)**

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No special meetings with the students have been held. It is a small class consisting of only 8 students so the teachers have answered all questions in class.

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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.**

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Goals

The overall aims of the course are:

- To develop students' knowledge of current methods to produce steels and base metals from natural ores and recycled materials with focus on steel, which are most relevant for the Swedish steel industry. However, the production of aluminum and silicon is also discussed to exemplify the production of other metal as well as other production concepts.
- To develop students' individual skills at performing relevant thermodynamic calculations for the extraction of base metals with focus on steel.
- To develop students' individual skills at interpreting the significance of the results of these calculations.

Course

requirements: Exam (TEN1), 4 p.

Home assignment (ÖVN1: 2p) – Thermodynamic calculations

No changes have been made since last time the course was offered.

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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?**

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To few students answered

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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?**

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The following grades were obtained for the exam (4 credits) where 7 out of 8 students wrote the exam

A: 2

B: 2

C: 1

D: 2

All 8 students has passed the home assignment.

We see no significant difference from previous years.

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**STUDENTS' ANSWERS TO OPEN QUESTIONS**

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

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To few students answered

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**SUMMARY OF STUDENTS' OPINIONS**

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

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From the discussions in the class room and based on the students performance on the exam as well as home assignment they are very satisfied with the course.

The students have wished to visit an industrial site, but this has not been possible due to the cost. Instead the teachers have shown movies showing production of metals.

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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.**

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The teachers are satisfied with the students performance and the layout of the course.

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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?**

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It would be very nice if we could get monetary support to be able to bring the students to one study visit to reinforce the learning of metallurgical processes.

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