Report - MH2504 - 2022-07-10

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

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

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

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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 were offered to fill out an LEQ, but only 1 out of 9 students handed in their answers. In addition, the teachers have discussed details of the course with the students throughout the course.

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.)

The teachers have discussed details of the course with the students throughout the course.

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

Objectives:
The objectives are that the students will learn how to apply their theoretical knowledge to solve industrial engineering problems. This includes that the students will obtain a new knowledge that has not been part of previous courses at KTH. They will also learn how to interact with industrial employees. More specifically, they will carry out two weeks of experimental and modeling work focusing on industrial problems, where
they will learn practical aspects of production of metals. They will also visit the industrial companies to get acquainted with the industrial process and the particular problem of interest. In addition, they will make an oral presentation of their results. Furthermore, they will write a short technical report to describe their work, including an overall approach to solve the task, and the results of the study.
Examination
LAB1 – Project report and presentation, 6.0 credits, grade scale: A, B, C, D, E, FX, F

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

Too few answers to be able to evaluate.

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?

The grades on the course were the following:
A. 8
C: 1

The result is overall very good. It is the examiners opinion, that when the students are given relevant and interesting tasks, they perform well.

STUDENTS´ANSWERS TO OPEN QUESTIONS
What does students say in response to the open questions?

Too few answers to be able to evaluate.

SUMMARY OF STUDENTS' OPINIONS
Summarize the outcome of the questionnaire, as well as opinions emerging at meetings with students.

Too few answers to be able to evaluate.

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.

It is all supervisors opinion that the students are very satisfied with the course since it teaches the students to work with realistic industrial problems that they can meet as future engineers.

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?

Too few answers to be able to evaluate.

PRIORITIZED COURSE DEVELOPMENT
What aspects of the course should be developed primaily? How can these aspects be developed in short and long term?

Focus on industrial relevant problems from industry. Increase possibility that students can do some project related work while visiting the companies.