AAU ENERGY

AALBORG UNIVERSITY

STUDY PROGRAMME EVALUATION

SPRING SEMESTER 2023

The Study Secretariat, AAU Energy

December 2023

AALBORG UNIVERSITY
DENMARK

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1. Introduction

1.1 Contents of the report

This report contains the quantitative data from the study programme evaluation of the spring semester 2023 for the Study Board for Energy and the BEEM Study Board. The qualitative data has been processed internally and in confidentiality by the two study boards.

1.2 Follow-up on the results

Overall, the evaluation shows that the graduates are predominantly satisfied with their study programmes. The response is much higher for this year's evaluation since the response rate has fallen from 58 % to 34 % so the amount of data is substantial and representative for most of the study programmes.

The study boards discussed the graduates' ideas for improvement and have taken them into consideration:

- AIE: A graduate suggested that PCB design become a part of the curriculum. The study board deems, however, that PCB is not relevant for AIE.
- EE: A suggestion to implement MatLab/Simulink more in the courses and projects was turned down by the study board since these are already used on all semester.
- TEPE: A couple of students note that the workload was very high in the 1st semester due to the demands to learn CFD, write a paper and make a mini project about CFD. Since then, the study board has cut the mini project and the course 'Control Theory and Matlab' from this semester.

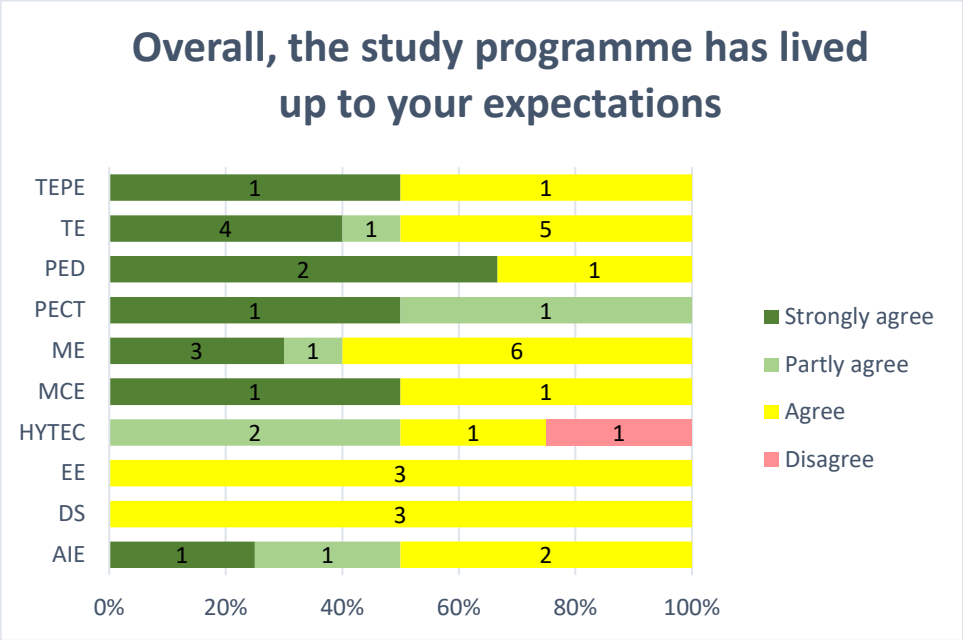
1.3 Abbreviations

- AIE: Applied Industrial Electronics
- APEL: Advanced Power Electronics
- DS: Dynamic Systems
- EE: Electrical Energy
- EPSH: Electric Power Systems and High Voltage Engineering
- HYTEC: Fuel Cells and Hydrogen Technology
- MCE: Mechatronic Control Engineering
- ME: Mechatronics
- OES: Offshore Energy Systems
- PECT: Process Engineering and Combustion Technology
- PED: Power Electronics and Drives
- TE: Thermal Energy
- TEPE: Thermal Energy and Process Engineering
- WPS: Wind Power Systems

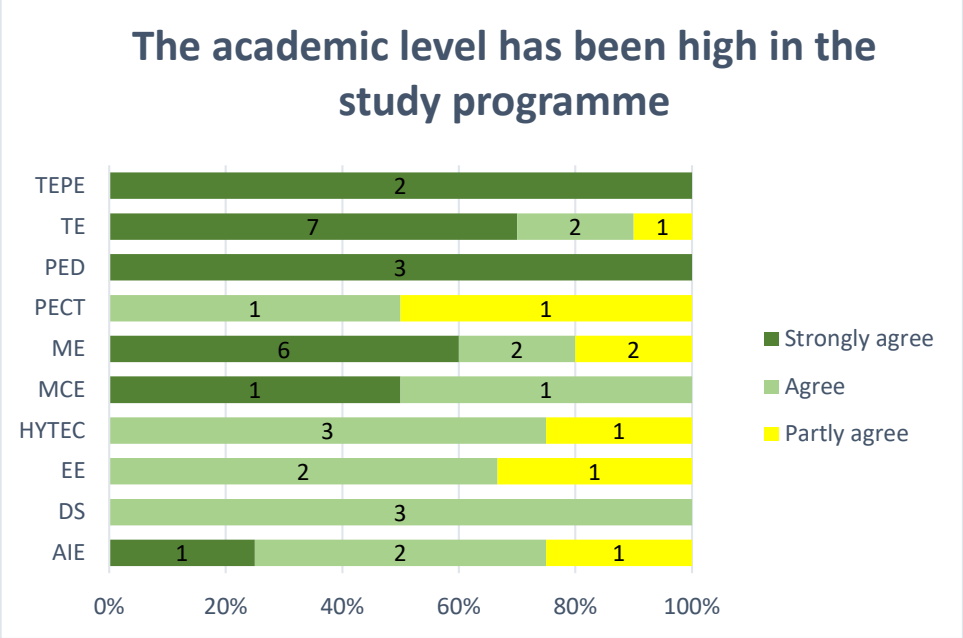
2. Response rate F23

Study programme evaluation	Responses	Students	Response rate
DS6	3	5	60%
AIE6	4	15	27%
EE6	4	9	44%
ME6, MED6	12	20	60%
TE6, TED6	11	16	69%
EPSH4	0	7	0%
PED4	3	11	27%
WPS4	0	5	0%
MCE4	2	20	10%
OES4	0	4	0%
PECT4	2	3	67%
TEPE4	2	11	18%
HYTEC4	4	9	44%
APEL4	0	2	0%
Sum	**47**	**137**	**34%**

3. Overall evaluation



4. The academic level



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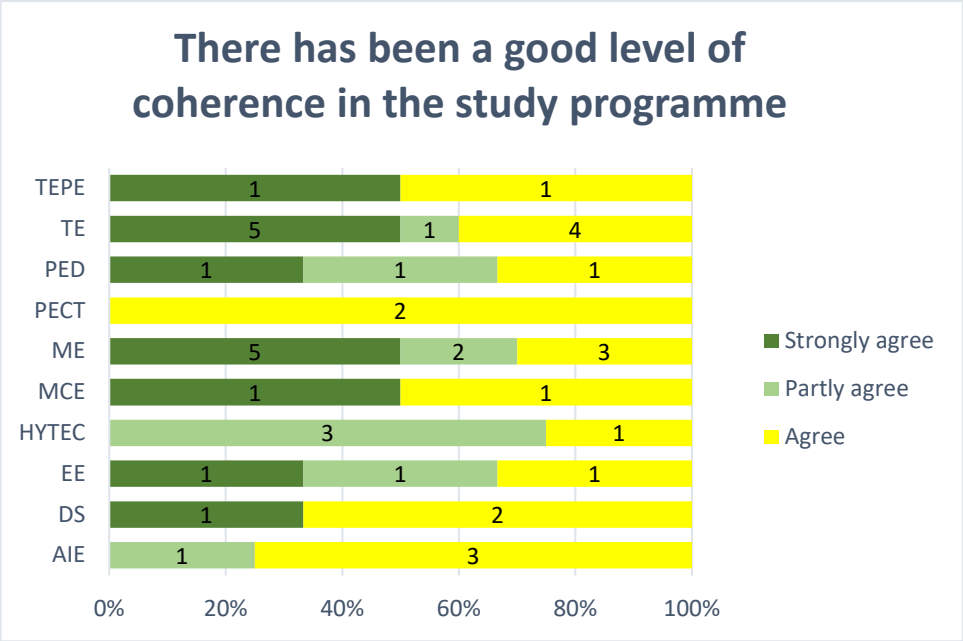
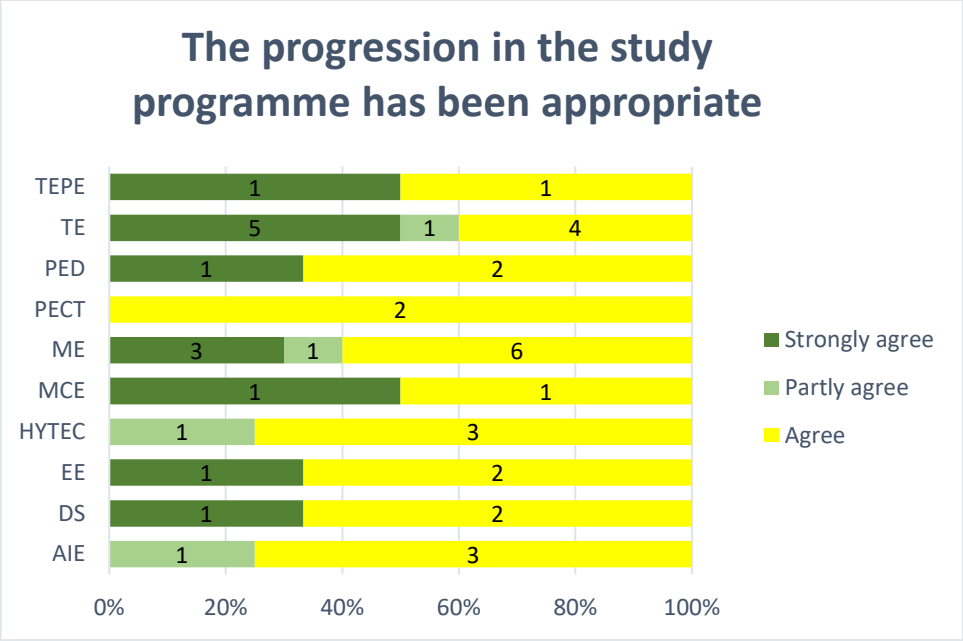
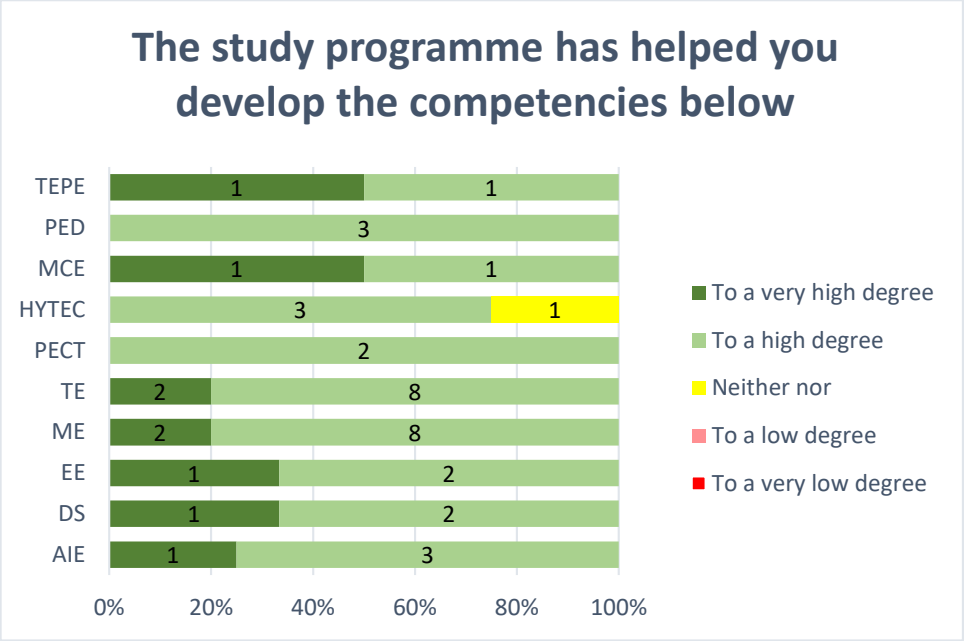
5. The level of coherence



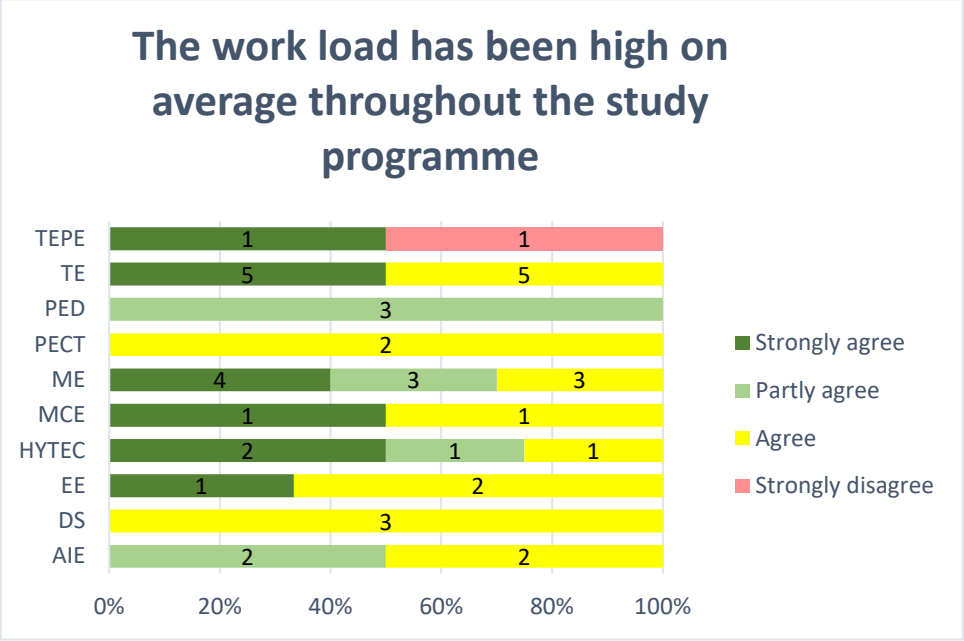
6. Progression (i.e. the development between the semesters)



7. Competence profile



8. Workload



9. Distribution of workload