

SEMESTER EVALUATION

AUTUMN SEMESTER 2019

The Study Secretariat, Department of Energy Technology

June 2020



Table of contents

1. Introduction	4
1.1 Contents of the report	4
1.2 Follow-up on the results	4
2. Response rate E19	5
3. Semester evaluation	6
3.1: 1 st semester	6
3.2: 3 rd semester	6
3.3: 5 th semester	7
3.4: 7 th semester	7
3.5: 9 th semester	8
4. Project Evaluation	9
4.1 How do you think the content of the project as a whole has contributed to satisfy its learning goals?	9
4.1.1: 1 st semester	
4.1.2: 3 rd semester	10
4.1.3: 5 th semester	10
4.1.4: 7th semester	11
4.1.5: 9th semester	11
4.2 How well do you think the project framework (group work, guidance, scale etc.) has contributed to satisfy the	
of the project?	
4.2.1: 1 st semester	
4.2.2: 3 rd semester	
4.2.3: 5th semester	
4.2.4: 7th semester	
4.2.5: 9th semester	
4.3 How do you rate your own effort during the project phase as a whole?	
4.3.2: 3 rd semester	
4.3.3: 5 th semester	
4.3.4: 7 th semester	
4.3.5: 9 th semester	
4.4: How well do you think the PBL-oriented teaching has worked to help you solve new problems and tackle aca	
challenges?	
4.4.1: 1 st semester	18
4.4.2: 3 rd semester	18
4.4.3: 5 th semester	19
4.4.4: 7 th semester	19
4 4 5: 9th semester	20



	4.5 How do you rate the teamwork and PBL as a method to solve bigger, academic assignments within the given timeframe?	21
	4.5.1: 1st semester	21
	4.5.2: 3 rd semester	21
	4.5.3: 5 th semester	22
	4.5.4: 7 th semester	22
	4.5.5: 9 th semester	23
5.	. Voluntary Traineeship	24
	5.1 How do you think the content of the project as a whole has contributed to satisfy its learning goals?	24
	5.2 How much have you learned about the organisational structure and the work of an organisation seen from an engineering/managerial perspective?	24
	5.3 How do you rate your own effort during the project phase as a whole?	25
	5.4 How well do you think the PBL-oriented teaching has worked to help you solve new problems and tackle challenges in an external organisation?	
6	. Study Environment	26
	6.1 The premises are suitable for teaching (equipment, indoor climate, interior design, etc.)	26
	6.1.1: Campus Aalborg 1 st -9 th semester	26
	6.1.2: Campus Esbjerg 1 st -9 th semester	26
	6.2 Student workspaces are available to support the academic environment of my degree programme and campus in genera	ıl27
	6.2.1 Campus Aalborg 1 st -9 th semester	27
	6.2.2 Campus Esbjerg 1 st -9 th semester	27
	6.3 The university offers good social facilities and spaces for taking breaks and socialising with fellow students	28
	6.3.1 Campus Aalborg 1 st -9 th semester	28
	6.3.2 Campus Esbjerg 1 st -9 th semester	28
	6.4 I feel comfortable in my chosen degree programme	29
	6.4.1 Campus Aalborg 1 st -9 th semester	29
	6.4.2 Campus Esbjerg 1 st -9 th semester	29
	6.5 I feel that there is a great sense of community in my degree programme	30
	6.5.1 Campus Aalborg 1 st -9 th semester	30
	6.5.2 Campus Esbjerg 1 st -9 th semester	30
	6.6 I feel that there is a great academic community in my degree programme	31
	6.6.1 Campus Aalborg 1 st -9 th semester	31
	6.6.2 Campus Esbjerg 1 st -9 th semester	31
	Abbreviations	32



1. Introduction

1.1 Contents of the report

This report contains the quantitative data from the semester evaluation of the autumn semester 2019. The qualitative data has been processed internally and in confidentiality by the Study Board for Energy. The quantitative data concerning the evaluation of all the courses and the questions regarding harassment and abusive behavior have been processed in confidentiality and will not be reproduced in this report.

1.2 Follow-up on the results

Overall, the evaluation shows that the students are predominantly satisfied with their study programmes and their study environment. In this evaluation there is a marked improvement in how the students have evaluated the physical study environment in Aalborg compared to the two earlier evaluations. This could be attributed to the move away from the group rooms in Fibigerstræde 2p and Kroghstræde 6. However, there are still a few complaints especially regarding the indoor climate in Badehusvej/Strandvejen and the noise levels in Fib15. AAU is currently doing an inspection into the indoor climate and the climate will be regulated in 2020 with the current ventilation system. In the coming years AAU will explore whether further investments are needed. If the problems persist, please continue to notify us. Regarding Fib15, the Department is currently exploring whether to continue with having group rooms in this location, but it is very difficult to find and finance alternative locations.

In the evaluation of the social aspects of the study environment some students have noted that they would like more social activities across groups and study programmes and better integration of the international students. Because of this, the Study Board has formed a committee to help facilitate more social activities.

In addition, the students have pointed out some issues regarding some of the courses. These issues have been handled by the Study Board in cooperation with the teachers in question and the semester coordinators. It is also worth pointing out that many of the courses were evaluated very favorably by the students and given praise in the comments. The positive comments have also been communicated to the relevant teachers by the Study Board.



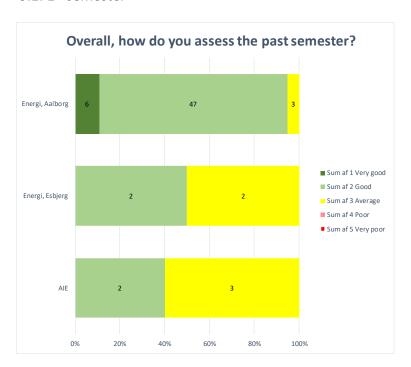
2. Response rate E19

Study programme	Responses	Students	Response rate
DS5 - Esbjerg	1	3	33,3%
ED5 - Esbjerg	4	9	44,4%
EE5 - Aalborg	4	6	66,7%
EN3 - Aalborg	32	45	71,1%
EN3 - Esbjerg	2	18	11,1%
EN1 - Aalborg	56	63	88,9%
EN1 - Esbjerg	4	12	33,3%
AIE1 - Esbjerg	5	13	38,5%
AIE3 - Esbjerg	0	7	0,0%
ME5, MED5	15	27	55,6%
TE5, TED5	12	15	80,0%
TP5	0	1	0,0%
ESPH1	6	15	40,0%
EPSH3	2	18	11,1%
HYTEC1	0	2	0,0%
IRS3	0	1	0,0%
MCE1	8	19	42,1%
MCE3	4	18	22,2%
OES7	2	2	100,0%
OES9	2	11	18,2%
PECT7	1	2	50,0%
РЕСТ9	5	7	71,4%
PED1	7	17	41,2%
PED3	4	16	25,0%
TEPE1	10	22	45,5%
TEPE3	6	14	42,9%
WPS1	1	6	16,7%
WPS3	1	3	33,3%
Sum	194	392	49,5%
Esbjerg	26	86	30,2%
Aalborg	168	306	54,9%

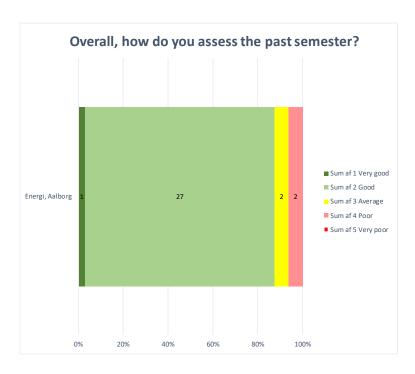


3. Semester evaluation

3.1: 1st semester

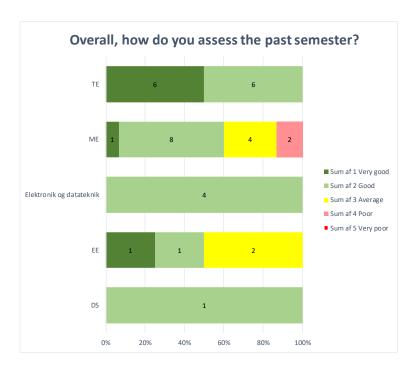


3.2: 3rd semester

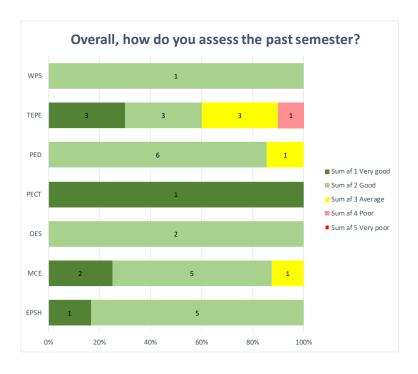




3.3: 5th semester

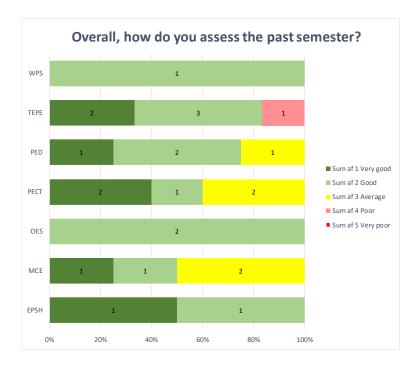


3.4: 7th semester





3.5: 9th semester

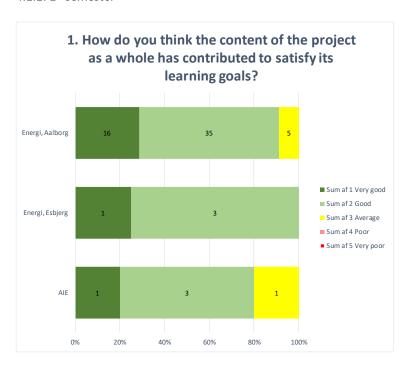




4. Project Evaluation

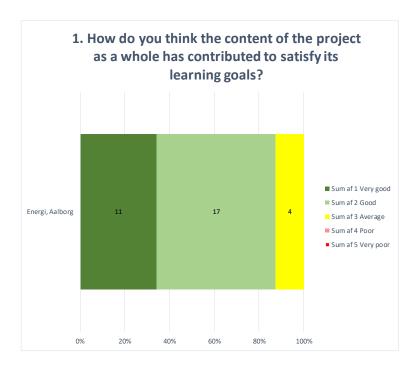
4.1 How do you think the content of the project as a whole has contributed to satisfy its learning goals?

4.1.1: 1st semester

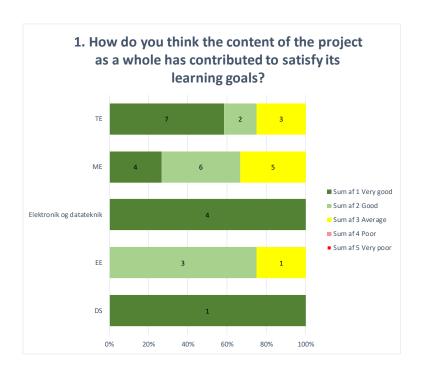




4.1.2: 3rd semester

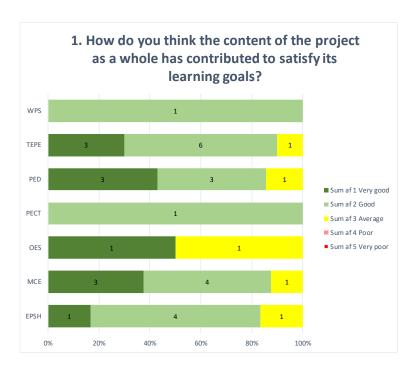


4.1.3: 5th semester

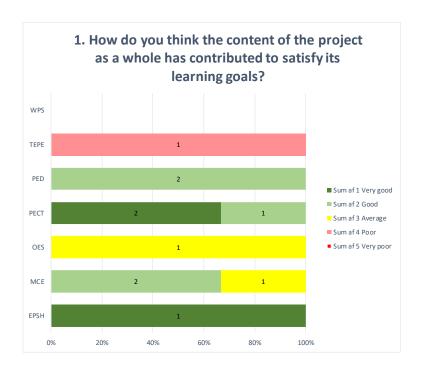




4.1.4: 7th semester



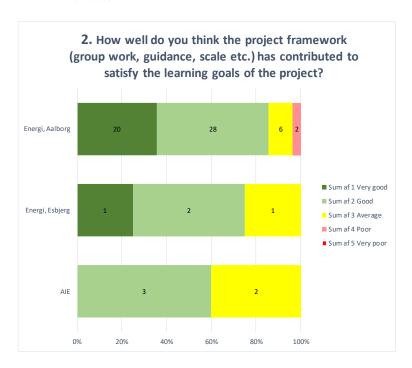
4.1.5: 9th semester



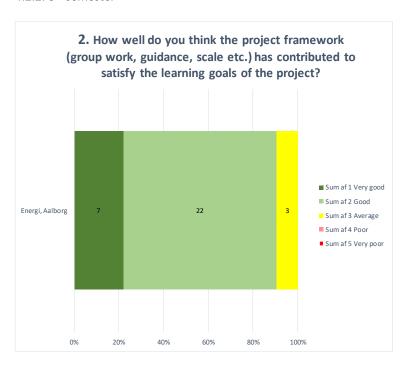


4.2 How well do you think the project framework (group work, guidance, scale etc.) has contributed to satisfy the learning goals of the project?

4.2.1: 1st semester

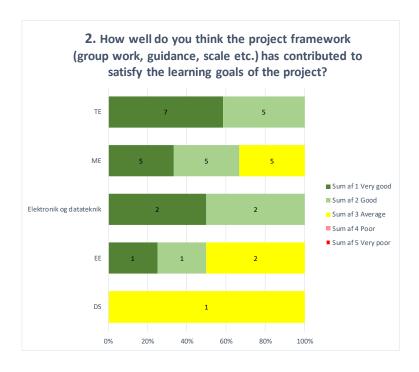


4.2.2: 3rd semester

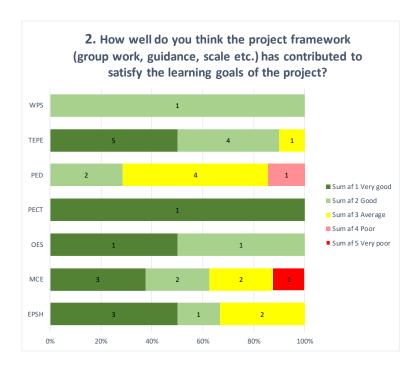




4.2.3: 5th semester

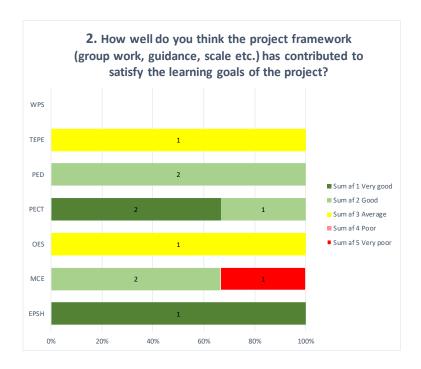


4.2.4: 7th semester





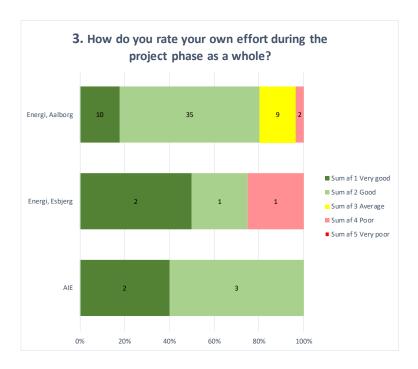
4.2.5: 9th semester



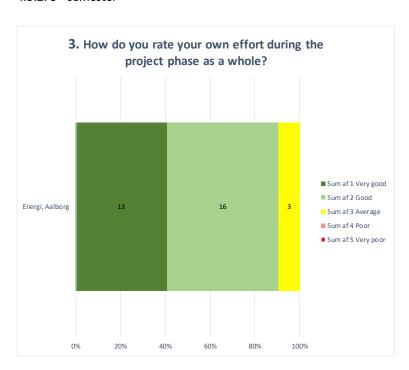


4.3 How do you rate your own effort during the project phase as a whole?

4.3.1: 1st semester

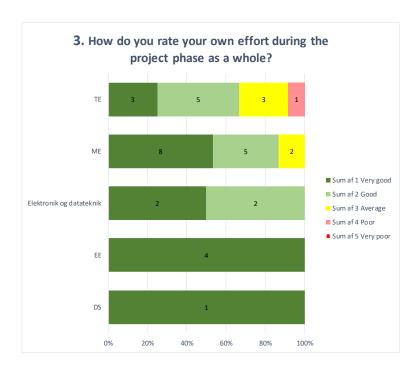


4.3.2: 3rd semester

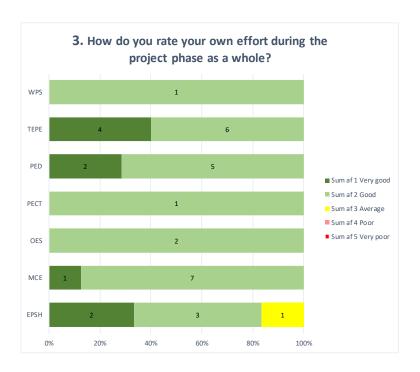




4.3.3: 5th semester

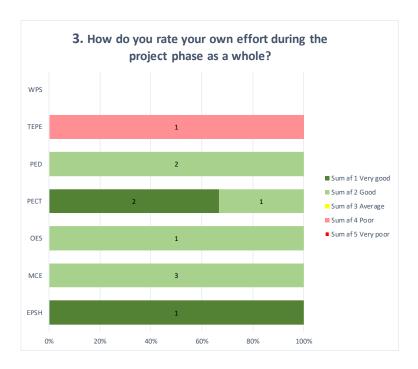


4.3.4: 7th semester





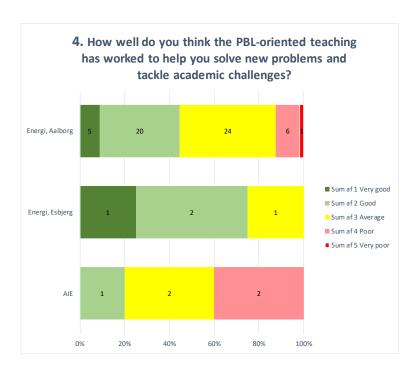
4.3.5: 9th semester



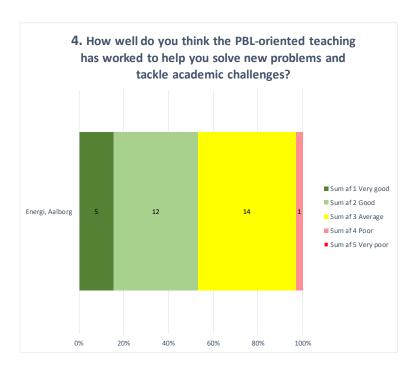


4.4: How well do you think the PBL-oriented teaching has worked to help you solve new problems and tackle academic challenges?

4.4.1: 1st semester

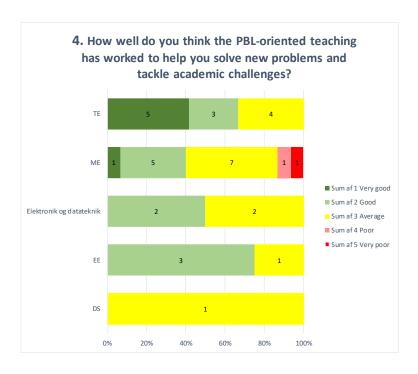


4.4.2: 3rd semester

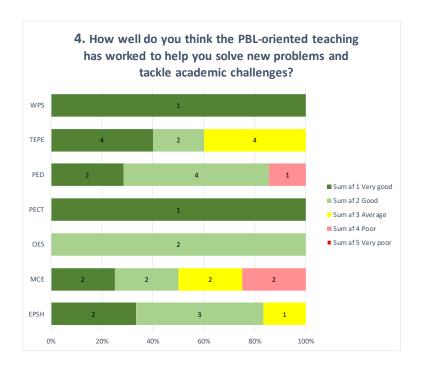




4.4.3: 5th semester

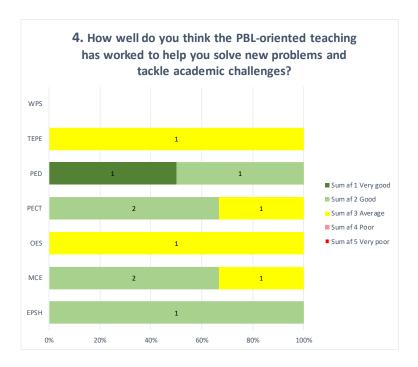


4.4.4: 7th semester





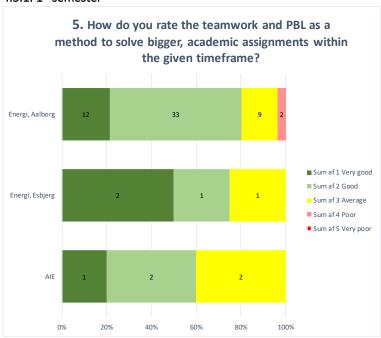
4.4.5: 9th semester



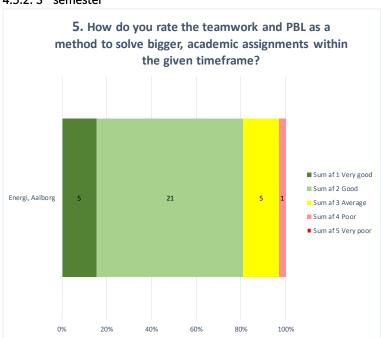


4.5 How do you rate the teamwork and PBL as a method to solve bigger, academic assignments within the given timeframe?

4.5.1: 1st semester

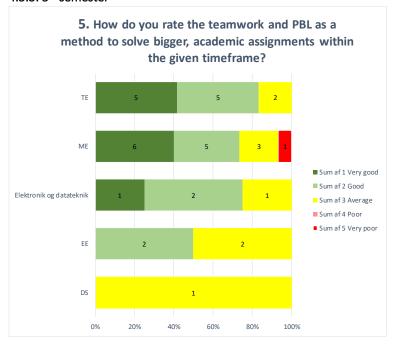


4.5.2: 3rd semester

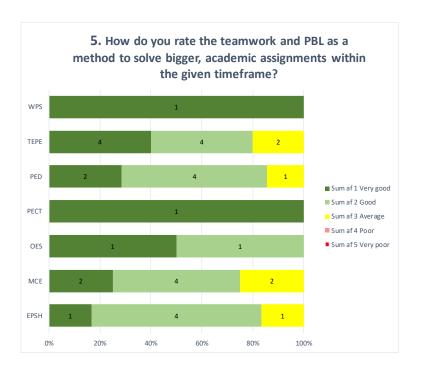




4.5.3: 5th semester

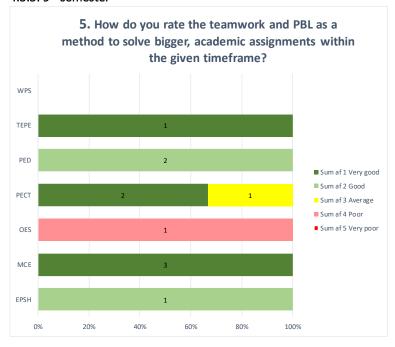


4.5.4: 7th semester





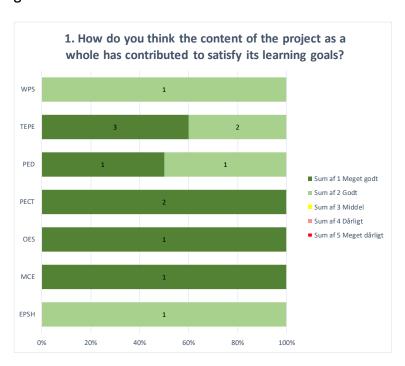
4.5.5: 9th semester



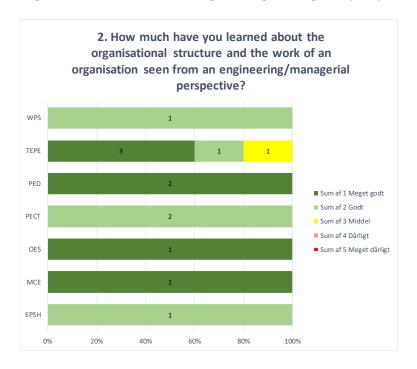


5. Voluntary Traineeship

5.1 How do you think the content of the project as a whole has contributed to satisfy its learning goals?

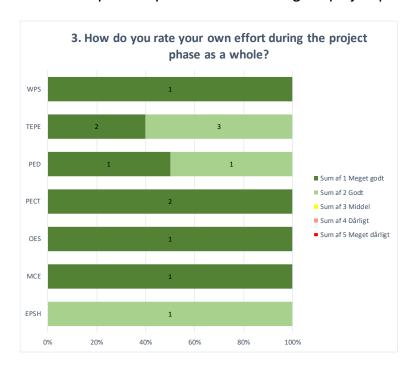


5.2 How much have you learned about the organisational structure and the work of an organisation seen from an engineering/managerial perspective?





5.3 How do you rate your own effort during the project phase as a whole?



5.4 How well do you think the PBL-oriented teaching has worked to help you solve new problems and tackle challenges in an external organisation?

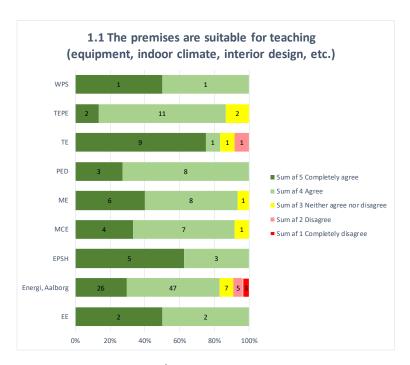




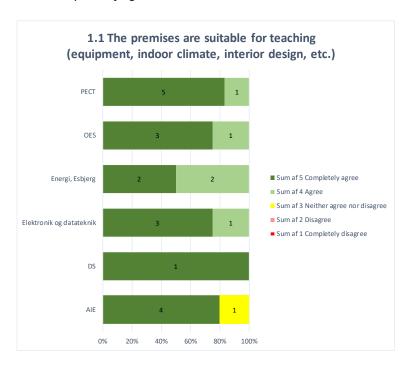
6. Study Environment

6.1 The premises are suitable for teaching (equipment, indoor climate, interior design, etc.)

6.1.1: Campus Aalborg 1st-9th semester



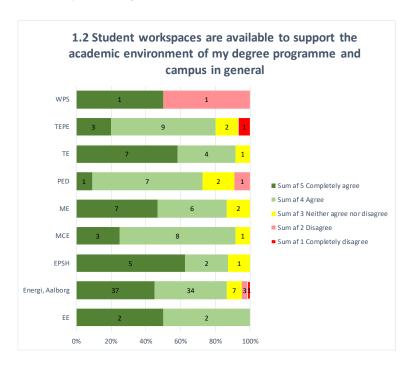
6.1.2: Campus Esbjerg 1st-9th semester



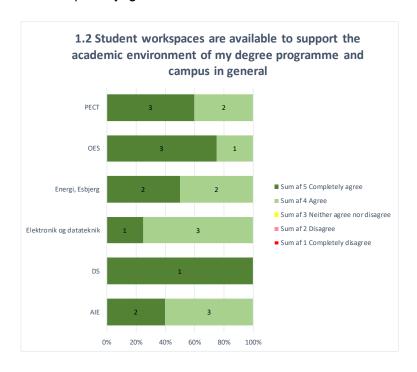


6.2 Student workspaces are available to support the academic environment of my degree programme and campus in general

6.2.1 Campus Aalborg 1st-9th semester



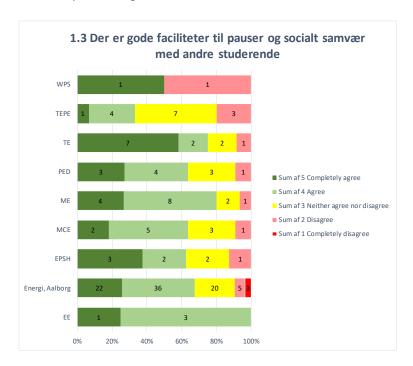
6.2.2 Campus Esbjerg 1st-9th semester



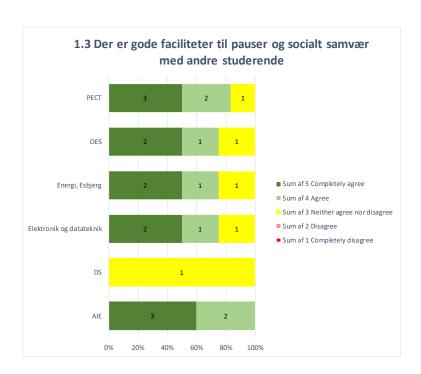


6.3 The university offers good social facilities and spaces for taking breaks and socialising with fellow students

6.3.1 Campus Aalborg 1st-9th semester



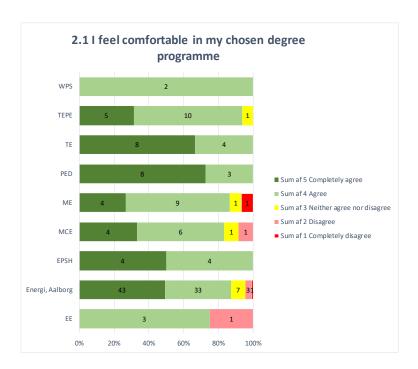
6.3.2 Campus Esbjerg 1st-9th semester



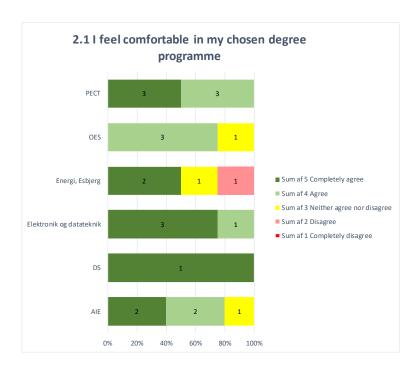


6.4 I feel comfortable in my chosen degree programme

6.4.1 Campus Aalborg 1st-9th semester



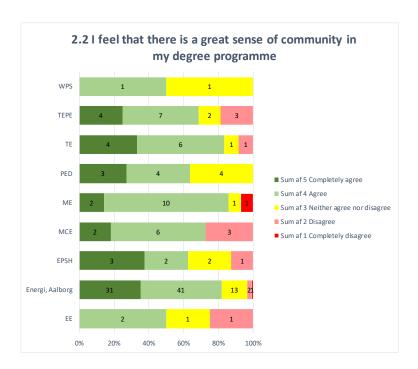
6.4.2 Campus Esbjerg 1st-9th semester



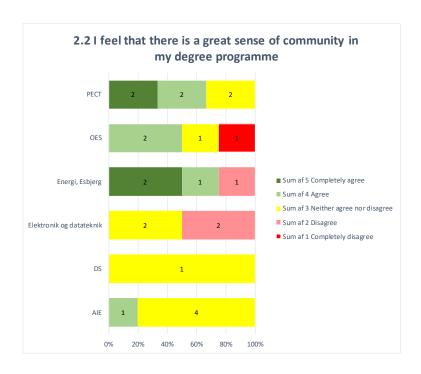


6.5 I feel that there is a great sense of community in my degree programme

6.5.1 Campus Aalborg 1st-9th semester



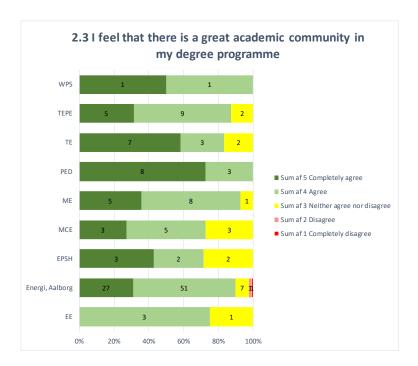
6.5.2 Campus Esbjerg 1st-9th semester



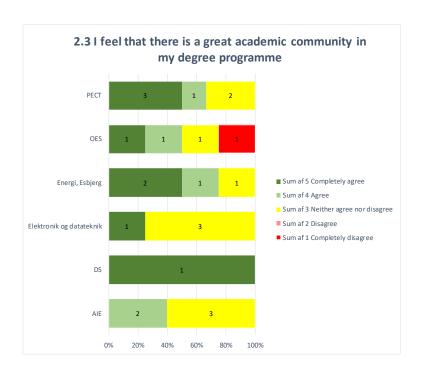


6.6 I feel that there is a great academic community in my degree programme

6.6.1 Campus Aalborg 1st-9th semester



6.6.2 Campus Esbjerg 1st-9th semester





Abbreviations

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