

BF8010 (Advanced Course in District Heating Technology, HT 2025, Halmstad, H0801, X0801)

Number of possible respondents: 29

Answers: 13

Response rate: 44,83 %

Study pace: 50 %

Examiner's course analysis

Based on the course evaluation result - which are the strengths of the course?

Course design (teaching methods, lectures, literature, course materials, pedagogics, engagement), social study environment, laboratory session, and assignment work.

Based on the course evaluation result - which are the weaknesses of the course?

Lecture presentations include occasional outdated material, which is continuously updated.

Comments about the collaboration with the course ambassadors

No student ambassadors were recruited, but continuous dialogue regarding course design with participating students throughout the course.

Conclusion and suggestions for course development or already made decisions

For next year (HT2026), the following three changes are planned:

1. The ECTS awarded for the Course Assignment will be increased from 2.0 ECTS to 3.0 ECTS. As a consequence, the corresponding ECTS awarded the Written Exam will be decreased from 4.0 ECTS to 3.0 ECTS (The Laboratory Work remains at 1.5 ECTS). The reason for this is an adaption of the Course Assignment to the module format at the DHCA (the District Heating and Cooling Academy), an Erasmus+ project educational platform into which several district heating related course materials at Halmstad University will be integrated in the coming years.
2. The Course Assignment will be more focused on dedicated calculation exercises, less so on stand-alone literature reviews. First out will be an exercise which combines district heating investment cost modelling with geographical mapping (pilot phase module at DHCA), followed by an exercise on energy system optimization modelling of district heating and sector coupling (later stage module at DHCA).
3. Based on valuable student responses, outstanding and excellent Course Assignment works should contribute to the final course grade, despite the maintained unrated scale of the assignment itself (Pass/Fail). By independent judgement of the course examiner, such achievements should result in a one increment raise of the final course grade, for example from "C" to "B".

Other comments

With a course satisfaction index of 96% (at 45% response rate), following last years score of 95% (at 61% response rate), I am happy to conclude, again, that the course design seems to be quite appropriate!

I am overall satisfied with the course.

	Number of responses	Distribution (%)	Index (%) I am overall satisfied with the course	97
0 = I definitely do not agree	0	0%		
1	0	0%		
2	0	0%		
3	0	0%		
4	2	15%		
5 = I definitely agree	11	85%		
No opinion	0	0%		
Total	13	100%		

How much time have you spent on the course in relation to the course's study pace?

	Number of responses	Distribution (%)
Less time than the course study pace	2	15%
Corresponding to the course study pace	11	85%
More time than the course study pace	0	0%
Total	13	100%

The design of the course (teaching methods, literature, pedagogy, etc.) has been well adjusted to help me achieve the learning outcomes in the syllabus.

	Number of responses	Distribution (%)
0 = I definitely do not agree	0	0%
1	0	0%
2	0	0%
3	1	8%
4	3	23%
5 = I definitely agree	9	69%
No opinion	0	0%
Total	13	100%

Index (%) The design of the course (teaching methods, literature, pedagogy, etc.) has been well adjusted to help me achieve the learning outcomes in the syllabus.

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During the course examinations, I have had the opportunity to show that I have achieved the learning outcomes in the syllabus.

	Number of responses	Distribution (%)
0 = I definitely do not agree	0	0%
1	0	0%
2	0	0%
3	1	8%
4	2	15%
5 = I definitely agree	9	69%
No opinion	1	8%
Total	13	100%

Index (%) During the course examinations, I have had the opportunity to show that I have achieved the learning outcomes in the syllabus.

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I have experienced the social study environment as good during the course.

	Number of responses	Distribution (%)	Index (%) I have experienced the social study environment as good during the course.	
0 = I definitely do not agree	0	0%		
1	0	0%		
2	0	0%		
3	0	0%		
4	0	0%		
5 = I definitely agree	13	100%		
No opinion	0	0%		
Total	13	100%		100

Course satisfaction index

Satisfaction index % (summary of all statements)	96
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