1. Course name	Energy Technology in Industrial Production 7.5 credits	Course code	ML1612	
Course credits and points divided by examination form	INLA - Assignment, 1.0 credits, grading scale: A, B, C, D, E, FX, F LABA - Laboratory Work, 2.0 credits, grading scale: P, F PROA - Project Work, 1.0 credits, grading scale: P, F TENA - Written examination, 3.5 credits, grading scale: A, B, C, D, E, FX, F	When the course was completed	VT2022- P4	
3. Course Coordinator	Jafar Mahmoudi, PhD, mahmoudi@kth.se,			
4. Examiner	Jafar Mahmoudi, PhD, mahmoudi@kth.se,			
5. Other teachers				
6. Course structure Brief description of the course structure and content Learning activities incl. number of hours	thermodynamics, energy storage methods - And heat transfer - Perform calculations on power machines so cooling process, pumps, and fans - Exemplify various methods of energy storage - Sketch and interpret the state diagram - Clarify how it can improve a factory energy perspective of sustainability and combustion Course structure This course requires that students plan their studinactively in the scheduled activities and works inde	chnologies included a submission group work able to: cepts and link the media ergy processes fon between diffinite energy carried where the control of the energy carried where the energy carried	including ssion task. ss. ink them to the sses of different forms arriers anical, and the many the many the second secon	
	course beyond the scheduled time. Lectures an more supports students in their acquiring know development. LITERATURE			

		 Energy Technology - Package, Alvarez, Henrik, ISBN: 9789144014128 Energy Technology - Formulas and Tables (ISBN: 9,789,144,002,330) Distributed materials and materials and links subcontracted in Canvas 		
	7. Number of registered students	16	Number of first-time registered students (ffg) (not required)	
	8. Degree of achievement after the first examination*	Out of No. 9. > E: 50 % > C-D: 17% > A-B:10	Achievement rate after the first examination for ffg (not required)	
	9. Examination rate after the first examination*	64%	Examination rate after the first examination for ffg (not required)	
	10. Response rate for course evaluation	Unfortunately, I have not received any feedback from the students although I have encouraged them in the last lecture. However, they been satisfied and mention that they don't have any specific viewpoint and nothing that they do prefer to be changed.		
A A A	11. Course evaluation Summary of course evaluation Summary of students' opinions including the open-ended questions Do the students consider that they work to an extent that corresponds to the credits of the course?	It is not possible to have a solid conclusion because only 5.6% of participants in the course evaluation. However, the following average conclusion could be drawn: According to discussion between the course responsible/ examiner with the PA it has been concluded that the 1 hp Project is too small The main conclusion based on		
	12. Summary of course meeting	A number of course meeting have been made within the Zoom environment		
A A A	summarizede comments from the course coordinator the strengths and weaknesses of the course based on the course evaluationand the course teachers' reflections, also in relation to the changes made before the course offering. Reflection on how the link between learning outcomes, learning activities and examination with goal-related grading criteria works in the	 The course followed the syllabus quite well. Everything went according to plan. The course was successful and there has been no difference compared to the previous course. The course followed the syllabus quite well. Everything went according to plan. The main proposal for next year is Clearer kurs PM explaining more clear explanation about exam 		
>	course. Suggestions for any changes to the course with justification.			

Course analysis

	14. Other	
	term?	
	developed in the short and long	
\triangleright	What in the course can be	
	resigned disability?	
	Students with or without a	
	and men?	
	•	
>	Students who identify as women	
	between:	
	in the experience of the course	
	Are there significant differences	

^{*&}quot;Achievement level" refers to the number of credits performed after the first examination (for all examining elements) for all students divided by the number of possible credits for all registered students.

[&]quot;Examination degree" refers to the number of students who have passed all parts of the course after the first examination sessions divided by the number of registered students.