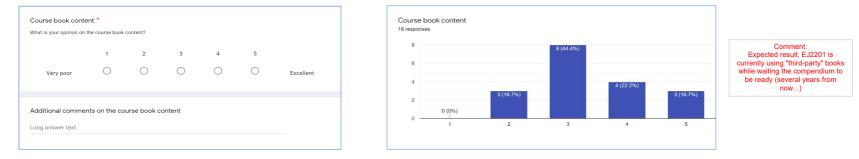
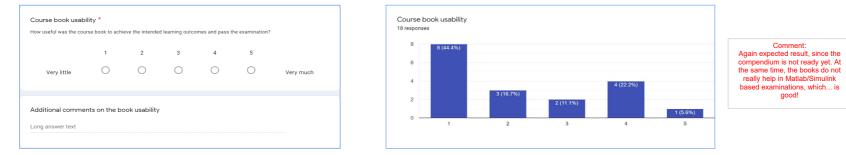


Comment: Expected result, it shows that the students attending EJ2201 have a wide background (from "tabula rasa" to "I know electrical machines already").

Background knowledge	5	3	4	2	3	3	1	2	2	5	5	4	5	5	4	4	3	3
Additional comments on background knowledge							I believe I need some more knowledge of simulink simulation.			Yes I did but it was still very good to have the introduction lectures going over the electrical, magnetic and especially mechanical analogies. There were however a lot of things that I needed to things I needed extra help with but thanks to you staying in touch and providing the support I needed thisly was not really a problem		I would have been happy to see some references on designing filters (related to assignment 4).	to a have a brief introduction to magnetic saturation	I had absolutely no problems following the course. And the repetition of most needed material as well as the questionaire at the beginning of the course make sure that everything is known.			Consider the difference of student background when entering this course, the content is relatively large for only one semester.	

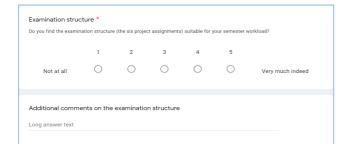


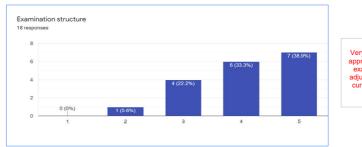
Course book content	5	2	3	4	3	4	3	2	5	5	3	4	3	3	2	3	4	3
Additional comments on the course book content			Didn't use the books, only used the lecture material		To be honest during the entire course I didn't find the need to refer the course books. The slides are really good, well structured and contains all the information.					your lectures	I followed the course without the book		l didn't read any of it.	I have not had a look at the course book. The lectures were suffienct for me to understand the material ie. do the assignments.				



Course book usability	5	1	3	4	1	2	2	1	4	4	3	2	1	1	1	1	4	1
Additional comments on the book usability			Didn't use the books, only used the lecture material		During the whole course I never referred to the course books.				Very good to understand the learning outcomes but sometimes not enough to help us doing the assignments	you spoke	I followed the course without the book		l didn't need it. The slides	Well as I said they were not needed. That might be different if there is a written examination though.	The course book did not really help with the assignments			I actually never used the course book. I only used the sidles and videos which were sufficient to complete the course!

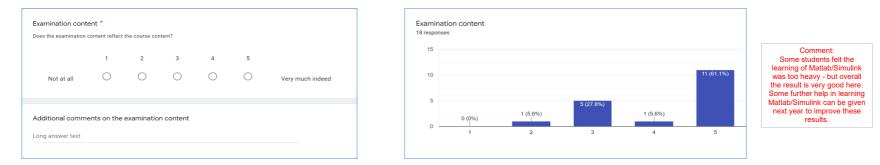
		Very poor	nthe quality of the oral lectures?	3 〇	4	5	Excellent		Lectures q 18 responses 15 10 5 0	uality 0 (0%) 1	0 (0%) 2	0 (0 1 3	%)	5 (27.8%)	13 (72.2%) 5			iment: ik you.
Additional comments on the lectures quality	5	4 I think the lectures were very well structured and easy to follow but they did however unfortunately not help a lot with the assignments.	4 In general, the best Zoom- lectures Ive had. The green screen and the direct chat response was superbl Sometimes the lectures were a bit hard to follow with a lot of detail right away, maybe this is "inevitable" though I found myself sometimes confused about the difference between the difference between the different machines, since we went through many variations. It became for me just different equations and it was hard to grasp the different characteristics. For me, I would have liked some more general introduction which focused more on an intuitive understanding (especially the AC machines) before diving deep into equations. I get that it is difficult to have Zoom-lectures and not seeing your audience.	4	5 The quality of oral lectures is amazing. Specially they become more engaging and interesting due to your style of using a green screen.	4	5	5	5 Very well explained and the green screen was great. It is nice to see a teacher so involved to make the students understand and to make the course interesting. Even though sometimes the pace of the lecture was very fast.	5 Excellent in pase, amount of content and how you carried out the lectures. Was very entertaining also because you made it very interesting while I still got to learn a lot	5 The lectures were very good, the set up with the green screen and the recordings is the only structure that I've found good during this semester with covid. They were easy to follow and I appreciated all the small comments and figures, it made it more fun.	5 Sometimes a little slow.	You were pretty much the only lecturer that had made a visible effort to actually make our experience as smooth as possible.	5 Very good. Everything is well explained topics like the induction making the videos available allowed me to watch the lectures again when I got stuck somewhere in an assignment.	4	5 I like your lectures very much.	5 Frankly speaking, Luca's lecture has the best efficiency and quality among other online courses I chose under this COVID pandemic, and his lecture is even better than some of the offline classes.Thank s for his great work!	video quality. You should demand professional microphones and cameras from KTH as a minimum in



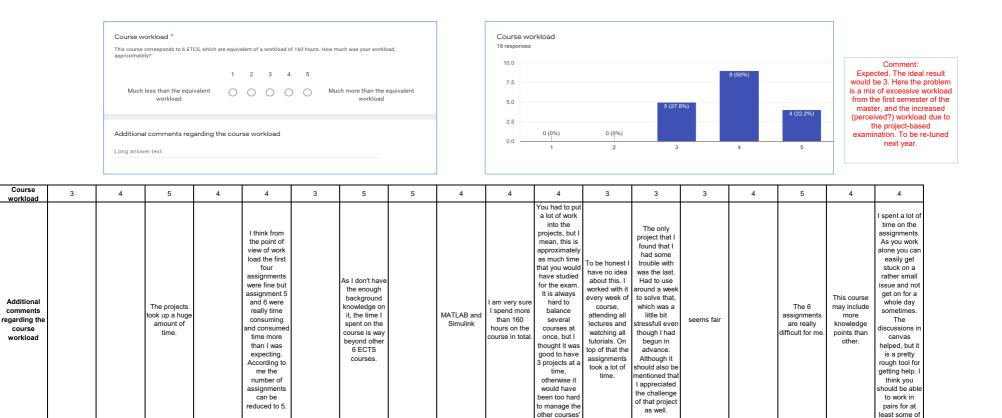


Comment:
ery good that the students
preciate the project-based
xamination. Some minor
justments could move the
urves up, some ideas are
there already.

Examination structure	5	2	4	4	4	4	4	4	3	5	5	5	5	5	3	3	3	5
Additional comments on the examination structure		The first four assignments were suitable work load but the last two took a lot longer.	Project assignments was a great way to be examined continuously throughout the course		I think from the point of view of work load the first four assignments assignments assignments and consuming and consumed time more than I was expecting. According to me the number of assignments can be reduced to 5.				The assignments requires a lot of personal work and questions were not about the about the course but more about MATLAB programming. I was stuck many times and I couldn't find the solution on my own (I had to ask many questions to the teacher)	so much and really tried to guide me in the	I thought the projects were a great examination, I find it better than an exam since you put more time and effort in to the understanding, and I think it is more "realistic" than exam problems.	It was very rewarding to work independently on the assignments and especially the two last where we were introduced to research papers. It was also great that concepts from previous assignments could show up in later assignments (the current control in assignments). Also important that you were clear that we were not expected to know everything from the course, but rather aquire additional skills by performing the assignments. Although you did a great job answering questions it would probably be a good idea to have some assistants to help answer questions related to the assignments. Maybe be a little more clear on how much we are allowed to discuss with our fellow students is important and should be encouraged, but it is also important that the examination is fair.	I feel like a learn way more when I have to solve projects instead of writing an exam. Especially in this subject since there's quite a tot to actually process.	I like the assignments as the minine examination. To me written exams always feel artificially constructed and have hardly anything to do with real engineering work. The matlab assignments from actual papers feel like actual work and make a lot more sense in my eyes. I think maybe considering different submission dates would help the students to better distribute the workload. With one submission date pre period most of the students (me included) will do all three assignments close to the deadline. Distributing the deadlines throughout the period forces students to distribute the workload throughout the period as well which might in turn help them towards the eurorent and my proposed system.			But I procrastinated. sad (┬_Ţ)	



Examination content	5	3	3	5	5	3	3	4	3	5	5	5	5	5	2	5	5	5
Additional comments on the examination content		The first three matched the lectures and one could use those in order to get through them. However the last three did not follow the lectures in the same way, except for maybe part 1 of them and they therefore required a lot of extra knowledge. This especially applies to assignment 6 where there was a lot of extra knowledge required in order to be able to solve it.	difficult and felt more about MATLAB- coding than actually increasing		The examination content is exactly on point with the course content and helps in learning the practical aspect of taught content.				A lot of the examination was about knowing how to do advanced programming in MATLAB and Simulink. I didn't have that knowledge so I lost many hours trying to figure out how to the questions	required a lot of understanding from the course material to solve and as a bonus I got to develop skills in Matlab and Simulink, opposibly in	The only thing regarding the projects was that it was sometimes hard to know whether it was something wrong in the syntax or if you'd misunderstood something in the course content. By this I mean that some commands that we were supposed to use was hard to interpret and this might be solved with, for example, additional tutorials. Also, I found assignment 6 a bit mer difficut than the others, maybe intentional, but I felt like there were a lot of things that could go wrong.			As I already mentioned, using these kind of assignments as examination makes it feel a lot more like actual engineering work.				

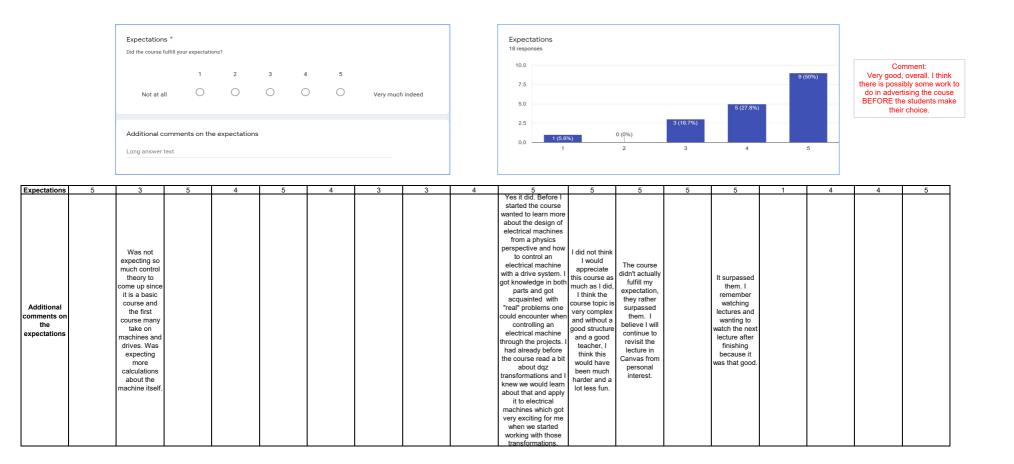


assignments

as well.

the projects.

		I complet	urse is of high qua tely disagree uality regardin	1	2 3 O O		5 O I total	ly agree		Course qui 18 responses	o (0%)	0 (0%) 2	1 (5.)		3 (16.7%)	14 (77.8%)	Comment: Thank you.
Course quality Additional quality regarding the course quality	5	4 Even though the assignments were quite different from what I would have expected I do think that they will be very useful knowledge for going into the area of machines and drives in the industry	5	5	5	4	5	4	Very high quality I A lot of information and very well structured 1 Luca did his best to make the course interesting (especially in remote learning)	5 Very good course in general	the best)	gotten a much clearer picture for what I want to learn more	5	5 This was one of my favourit courses ever, came to Stockholm to the future (ideally racecars) so the topic is obviously ver interesting fo me but also the quality of the lectures and the support for th assignments was excellent This was also one of the best-adapted courses to the onging covit situations.		5	5 It is clear that you (Luca) really know this subject in and out. And you are very good at explaining the rather complex situations in electrical motors that was a mystery to me before.



What was best? explanation structure and the methods	I shok the remote sacily source in an antimetry good way for the cognitization the teaching of path the sector of the sector of path the sector of the sector to make this good.	The Pask transformation and the conception ding multiplicate core		,	Luca has provided us the beat environment for advays answers our questions in no time.	Avescone adjustment to online teaching. Great engagement from the teacher with the green acreen and recordings.	Luca, the green screen, the high quality of the presentation, the way of teaching	The best was that he never had such addicated examineritescher who support to develop. This was avery stimulating that I threw I could by out some develop. The second by out some develop. The second the second second second second the second second second second be on making the students be on making the students and have them grow and develop skills on the topic. The second second second second develop skills on the topic. The second second second develop skills on the topic. The second second second develop skills on the topic. The second second second develop skills on the topic. Second second second second develop skills on the topic. Second second second second develop se	The fact that you were able to make the online lectures work wey well. A lot of other courses happenetised that we may be able to ask you for help during the help during the	I believe the two last assignments were the most fun, maybe because I was also more used to the examination formal by assignments were also fun because the related course matched was very interesting.	The structure of the examination.	Temps: Loughly of section, That has proceedly also to do with the fact that you have provide the section of the s	You recorded the locknes and tutorials, we can watch the records at any time.	The lecturer is really genile and kind on transpositional consideration for subdorts. The spatial for address the spatial for address the spatial relatively high level.	The Lab
a thing or assignm part, the been a haar1 be life 1 go workster who also got the grav assig mist overtook to has loo has	say it worst, but or two regarding memory against the same of the same of the same encoded of the same and my feeds and my feed and my feed and the same and my feed and the same and the s	Winding function			I just hope to have more background knowledge to be able to follow the course.	I state there exclud have been more example quartiers to particle or yours. Now my conjugations to particle practicity was the examination. (There was one election where and I would have liked score more like that and also jurg juin questions to practice at home)	MATLAB and Simulink. We don't have so much knowledge about the	Ability was bad bal could answer bio equestion. What was the least good? I hink just b have services and the answer bio equestion of the services of the services of the services of the services of the services of the services of the services of the services of the services of the services of the se	This is not worse but it found have been pand with more laboratory sessions. This may be caused by the covid situation though	I don't like being in the lab, so that was worst for me. It's probably good to have the experience analysis, though and and not to be a preson.	The only officient that I have is that you allowed people to submit Tate? I don't like this since I about be meeting the believe that everyone else got their feedback, really late.	Sometimes the quisity of the zoom meeting was not great and also the recordings were a bit grainyhad bad sound at times. But green that there is near-soulie green the simulink would have saved me hours of debugging the assignments.	The assignments are too difficult to complex.	This course may include more content than other	A little too much Simulink
Course is learnama white white assignment bo you have suggestions for improvements? with ne consist sources suggestions for improvements? with ne consist sources sources consist sources sources improvements?	say content of a excellent, way alive. Just the ease be careful the checking to the value of the same the value of the same value of the and the inter same and the and the same to the decoil to same you have mitistakes do mitistakes do mitistak		1. The assignment question conditions are not crystal clear and do not exactly corney shall be expected from its. The question can be improved 2. The number of session could be session could be session could be			I liked the style of examination to I i would ward more TA sessions and the property of the session where I is the session of the session where I is the session of the session wards and the also not time effective at all I also to ack questions wards and the session minimum session of the session of the also not time effective at all I also not time effective at all I minimum session of the session of the session of the session of the session minimum session of the session of the session of the session of the session of the session of the session of the session of the session of the session of the session of the set the session of the session of the session of the set the session of the set the set the set the set the set the set the set the set the set the s	Less MATLAB and Simulink	Short Simulink tutorial and a short refersher on control libeary.	As above, maybe more taknisk or Ahrds boot de more ticky commands in Matba and Simutik. wrong in the cose, wrong in the cose, wrong in the cose, and the way just something wrong in the cose, and the cose of the cose of the stock for a long time and wrong in the cose, and the cose of the cose of the stock of the cose of the cose of the cose of the stock of the cose of the cose of the cose of the stock of the cose of the cose of the cose of the cose of the stock of the cose of the cose of the cose of the cose of the stock of the cose of the cose of the cose of the cose of the stock of the cose of the cose of the cose of the cose of the stock of the cose of the cose of the cose of the cose of the stock of the cose of the cose of the cose of the cose of the stock of the cose of the cose of the cose of the cose of the stock of the cose of the stock of the cose of the	Some lectures and tutorials when you explain here you explain here you explain here you explain here you use a certain expression to transform from radians to degres, which is trivial, or eliaborate you here a table of the table of table	Implement hard deadlines. You're making people a disservice if you allow them to push things.	most of my improvements were already mentioned above.	It is better if you give more tutoride and more hirds to the assignments! .)	Specify the counter content and control the overall content in a resonable range.	Working in pains!
Final comments on the taken by course from oth great deal and usefu	enjoyed II, for melleri Aha to Del coarte o here and pol a di finojde more di finojde more e opendel		It was an among experience to be part of this course and was been as a helping hand.			I would profer a mix of online and in class leaching once corons all one class. Note of the second second second class. And also more example usedimon to practice on without being graded.	Good course !	A very good course as whole.	Orde again, this is one three followed, and thinks to is every much thanks to your own of teaching, and thanks to your own of the adapt to your own of the adapt courses and also (parks) and also (parks) and also develop is singular is an adapt to the adapt of the adapt to the adapt of the adapt of the adapt of the more researching, other more researching, other mo	Very fun, rewarding course. Inspired me during COVID, made me more excited about my studies and made me feel I was cloring econtractive threads in the studies you!	Great concept, great execution.	one of the best ownes I have had so far. Please keep the recorded lectures. I don't understand why the is not the standard for all courses yet. It helps so much!	You are a very kind professor, you are very think for us. I appreciate all your help and kindhessi	Hoge Ican pass Be late complementary sessionand overcome processination socree.	