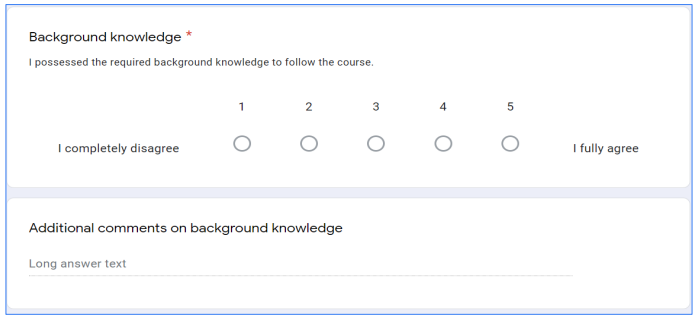
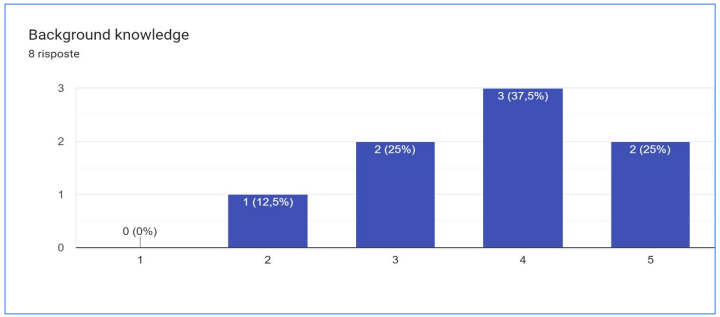
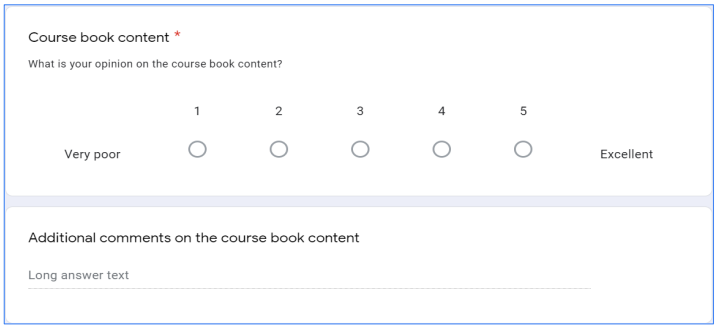
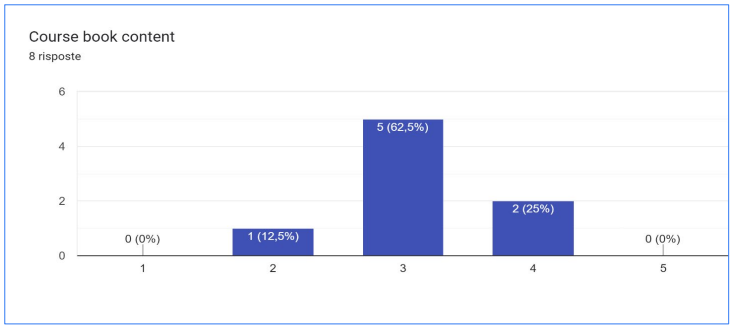




Comment:
Similar to previous years. The students attending EJ2201 have a wide background (from "tabula rasa" to "I know electrical machines already").

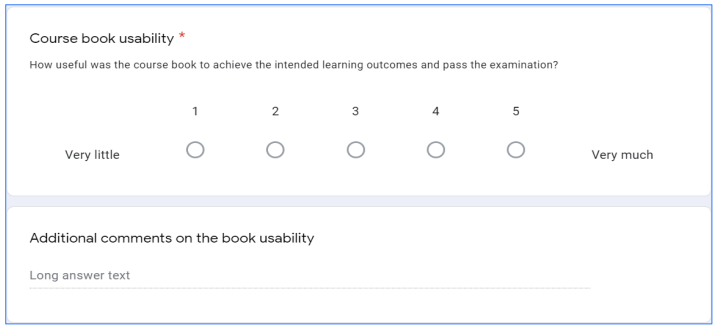
Background knowledge	5	2	3	5	3	4	4	4
Additional comments on background knowledge			Partially. It felt like I was supposed to know the things, but didn't in reality.					

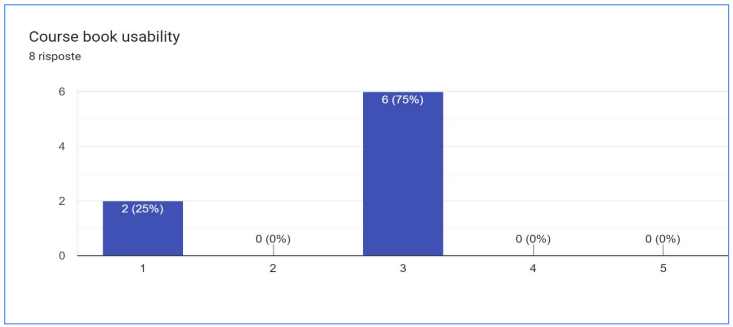




Comment:
Back to the old comments of neutrality - not much to add, until the compendium of the course will

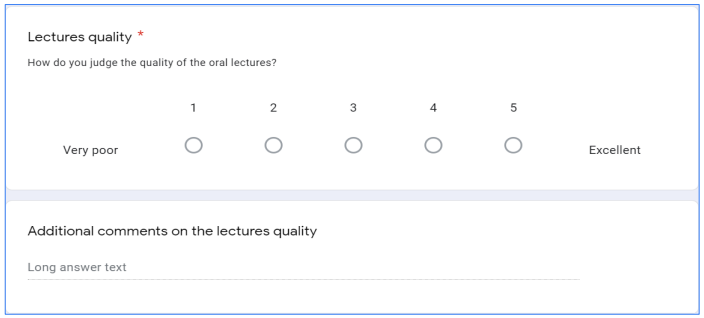
Course book content	3	4	2	3	3	3	3	4
Additional comments on the course book content	I didn't read through the book enough to have an opinion about it, however the little i have read was clear		It wasn't reader friendly. Which made it so that I ended up not using it.	Some times it felt like the book had more complicated explanations (or different ones) for the topics discussed in the lectures. I felt that the lectures were more clear and complete than the book chapters, in the sense that the connection between topics in the lectures was more logical than in the book, and you could see the real life utility of the theory.	I quite honestly did not have time to look into the litterature	Didn't use it	I didn't read the book much, I mainly read the lecture notes.	

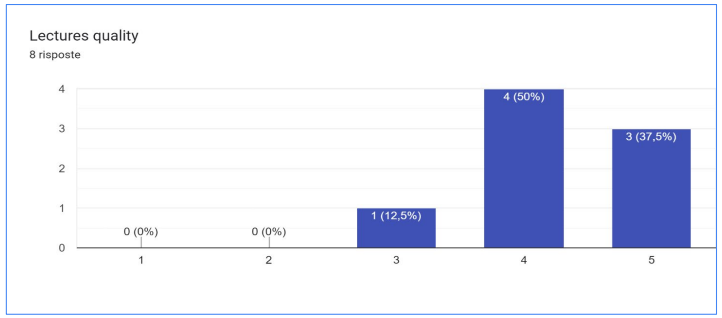




Comment:
Expected result, as in previous years. The book does not really help in Matlab/Simulink based examinations, which... is good!

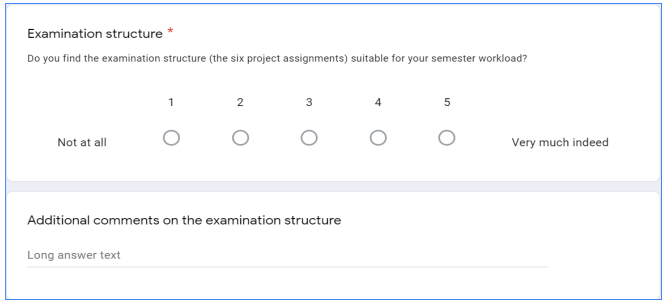
Course book usability	3	3	3	3	1	1	3	3
Additional comments on the book usability	I didn't read through the book enough to have an opinion about it, however the little i have read was clear		didnt use	I mostly used the book to learn more about the indirect field-oriented control of the inductionn machine	I think other members of my group used the books more, however.		I barley used it	

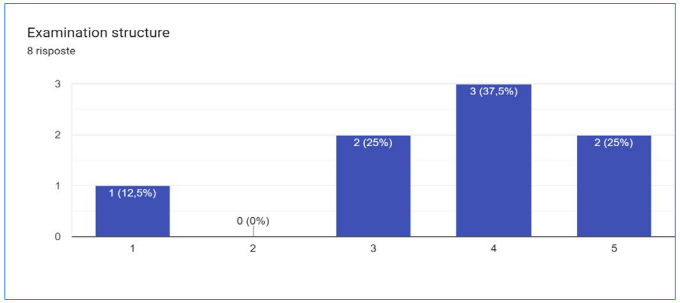




Comment:
Thank you.

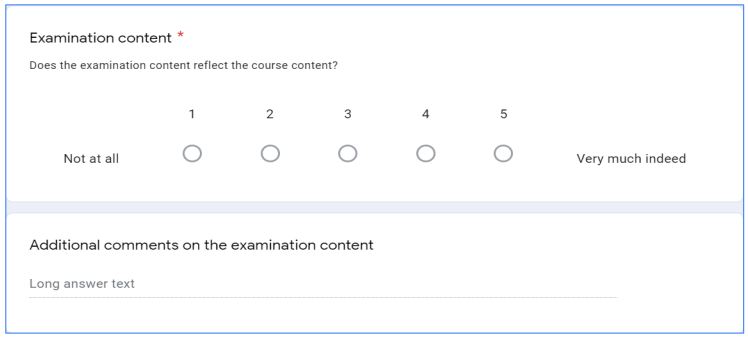
Lectures quality	4	4	4	5	4	5	5	3
Additional comments on the lectures quality	Very good lectures, well spread through the semester and made interesting by the professor (many compliments on the teaching style which is always entertaining and perfect clear). The only negative thing i'd like to point out is that there should be some more lecture time on the implementation of the controllers, since if there weren't any simulink models it would have been impossible to implement one from scratch, especially for the induction and synchronous machine. also one hour of lecture in which the professor shows hot to build the controllers in simulink would be much needed for a better understanding of simulink and of the controllers		The oral lectures are pretty good. Especially practical that they are recorded.	Best lectures I have received about electrical machines and drives. Interesting, funny sometimes and very straightforward. Also the recordings were extremely useful for later study.	The lectures are good, but got a bit overwhelming towards the end of the course. But overall very happy with powerpoints and lectures themselves. Appreciate that they were recorded.	Always great content, very interesting and was presented in a fun and pedagogical way. 10 out of 10!	Luca is a great lecturer	

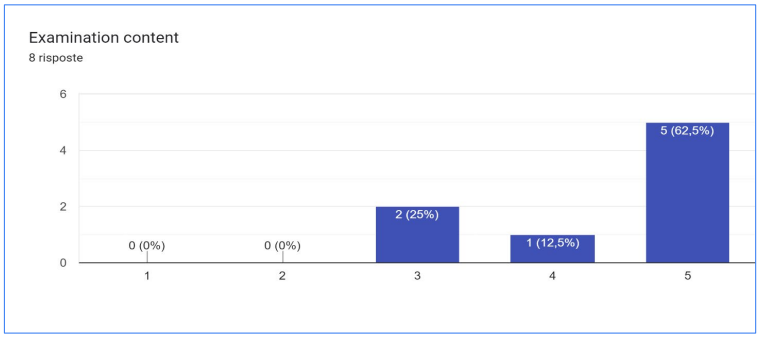




Comment:
The single, large project approach did not make things better for the student - on the contrary, it might have created more diffficulties in a heavy semester. Possible adjustments required to make life easier to the students.

Examination structure	4	5	3	4	1	5	3	4
Additional comments on the examination structure	i think this applied for last year, for this year project i thin it is suitable for the workload, although as i exlained in the previous form question some more info on the controllers would be better		The flexibility was nice. But it would be nice if it was more "modular" or a designed user experience. The openness also made it feel like there was a lack of instructions around how to proceed. Which was frustrating, because there was a willingness to get it done but not a clear process.	I think this question has a mistake in the statement, since this year we had only one big project. I felt that the project was great, it allowed us to study all the different machines and having so many degrees of freedom forces you to ask many questions and question yourself at the same time (Although some people may not like this). I still think some parts of what we did in class were not evaluated in the project, like the winding function application for calculating inductances (with my team we prioritized finding motors that had all the parameters defined so to save some time for the other tasks of the project) or the different control strategies for the sychronous machines (MTPA and others)	I think this question is regarding the examination structure of previous years, but i will answer about ours. I think the project is probably the let-down of the course. It's to open, too big and too much left for students to figure out. I understand the target was to give a "realistic" type project, but this i feel should be reserved for continuation courses, not the basic course when all the material is completely unfamiliar. I think the examination should be redesigned, more specific and clarified. I also think the part of the examination that pertains to finding suitable motors online is unecessary. I would recommend instead (if a similar examination would be continued) that all groups have slightly varying parameters, and that we have to choose from a number of motors given by you (so we still have to examine data sheets etc.) which would make the task more sensible and worthwile. Scouring the internet for motors was exteremely time-consuming and did not result in much learning.		Workload wise I feel like the examination was of appropriate size. I do not like the group project. I feel like it is way to easy for one or more members to not pull their weight so to say and pass the course anyways. I myself felt that I didn't bother to study certain setions of the material very well as it wasn't relevant to the sections that I focused on in the report.	





Comment:
Not bad considering that the examination format was not as appreciated as last year's, but further help in learning Matlab/Simulink is needed.

Examination content	5	5	3	5	4	5	5	3
Additional comments on the examination content			to some extent, a lot of small little crucial details were gotten from asking friends, would be better if all the necessary information to solve the examination was given for example in a PDF or similar.		Content wise it was mostly reflective on the course content, only the mechanical modelling was a bit outside the scope of the course in my opinion, and can be very difficult for students with little to no prior experiance with mechanical systems.			

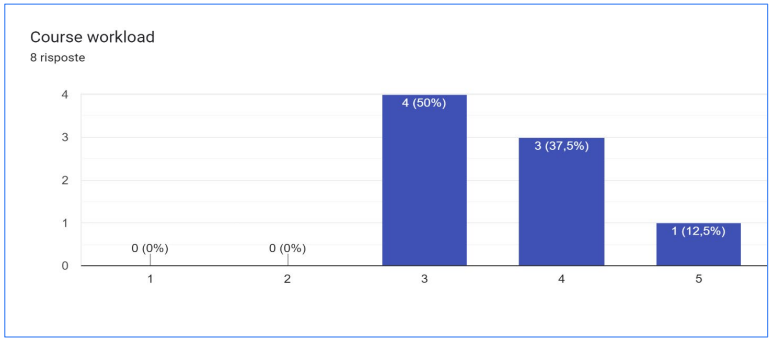
Course workload *

This course corresponds to 6 ETCS, which are equivalent of a workload of 160 hours. How much was your workload, approximately?

	1	2	3	4	5	
Much less than the equivalent workload	○	○	○	○	○	Much more than the equivalent workload

Additional comments regarding the course workload

Long answer text



Comment:
Not that bad after all. It has to be slightly unbalanced towards the upper part :-).

Course workload	3	4	5	4	3	3	3	4
Additional comments regarding the course workload			I think of the workload in terms of time taken and difficulty. The time taken was pretty big, again owing to the lack of instructions, which made it so that time was spent solving the problem in one way, only to then later be informed by another group that what we had done was incorrect. The difficulty was also pretty high because the prerequisite		very uneaven. Beginning was light - essentially only attend lectures. The latter part of the project very very time consuming and VERY stressful. I would like some form of active learning along the course (flipped classroom, tutorials, quizes etc)			

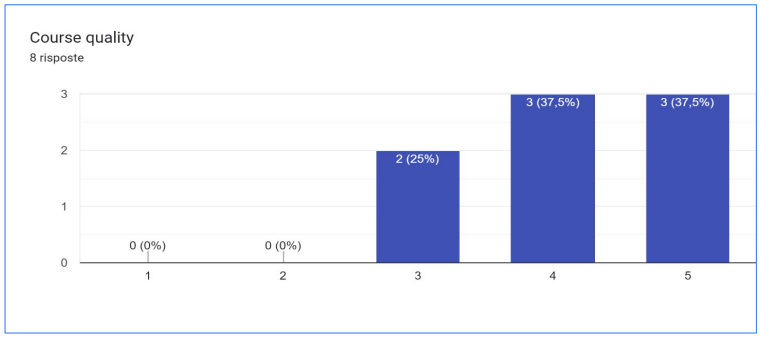
Course quality *

I believe this course is of high quality.

	1	2	3	4	5	
I completely disagree	○	○	○	○	○	I totally agree

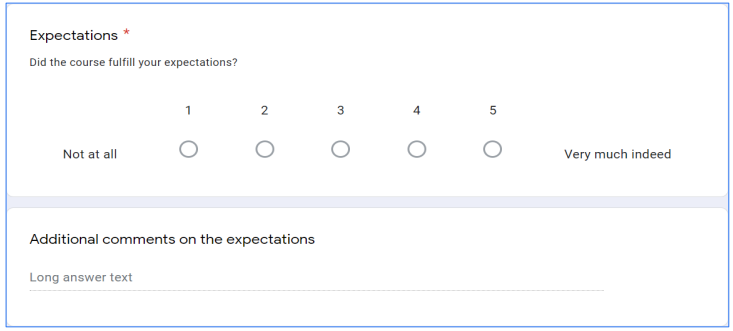
Additional quality regarding the course quality

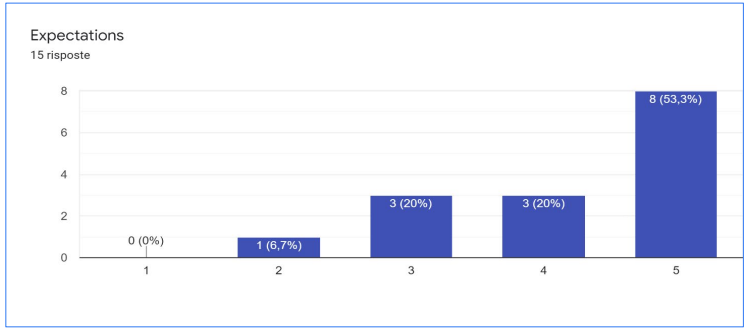
Long answer text



Comment:
Thank you. Can be improved!

	4	4	5	5	3	5	4	3
Additional quality regarding the course quality			The course is of high quality. The examiner responds fastly to emails. The lectures are recorded which is appreciated and probably not a obligation. The lab was easy to follow. One small thing to improve might be to categorize the information better in canvas.	This was my favorite course of the semester, together with power electronics	I want to score it higher, i like most of the content and i really did like the lectures but the examination was not good, and pulls down the overall feel of the course			





Comment:
Very good, overall. It could be even better with some advertisement work BEFORE the students make their course choice.

Expectations	5	5	3	5	2	5	3	3
Additional comments on the expectations			I didn't have that many expectations going in. I chose the course because I wanted to choose courses without a traditional exam.	This course for me was how I always imagined a course in top universities would be. Great lecture sessions with videos showing real applications and pictures, interesting and challenging projects where you have to get your hands dirty (figuratively speaking) with coding and obstinate softwares. Overall very good, it reminded me a little of professor Lewin's youtube lectures (with less practical experiments)			Unfortunatly I feel like I haven't learned certain topics as well as I wanted to, which is a part on me for not studying them properly, but I feel like I shouldn't be able to get away with that.	

What was best?	the lab	The project assignment makes you think unlike examinations from other courses	The examiner is a friendly guy and very reasonable, which makes it inviting follow along the course.	The lectures, the structure and sequence in which the machines were studied and explained was really good. It allowed me to see how they are similar but at the same time different. Also the first lessons focused on magnetism, mechanical systems, and how it is possible to produce torque depending on the principle were very good	lectures and lab (lab should almost be earlier as we learned lots!)	Everything, the lectures and the guest lectures.	Luca. The lectures were great and the lecture notes were great as well (which is why I didn't really use the book much)	
What was worst?	the lack of a lecture dedicated to simulink concentrated on the knowledge needed for the project (i feel the online lectures were to general and not very helpful regarding the project)	Not being able of getting an A with a perfect project.	Maybe the lack of instructions on the examination part. Would be nice to have something that is easier to accomplish. More dependency on enthusiasm and willingness to put down the time, and less dependency on making decisions in the face of vagueness and ambiguity.	Sometimes I felt overwhelmed by the lack of indications in the project. Although we got support and an answer to all our questions (thank you Luca), I felt like it was easy to make a wrong assumption or miss something.	examination		The group project	
Do you have suggestions for improvements?	some more explaination on the slides, especially on the physics behind some phenomena		Already listed in other answers	Maybe give more details about the backbone steps for doing the project. More simulink tutorials would be very helpful as well.	See all my answers above :)	More and more frequent help session for the project.	I would want to restructure the examination into individual projects, I am not entirely sure how to do that best though since that would require a smaller project which might leave too much out.	
Final comments on the course			Please keep up the effort to maintain a nice course. All the extra effort is noticed. This is really nice when personell care enough to make things nice.	I had an excellent experience, thank you for all the hard work.	i think the examination form should be redone AND very clearly communicated in the course PM and course introduction so that students know what the sign up for	Fantastic course!		