

HT15 Course Evaluation SG2804 Biomechanics of Human Movement

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How valuable was the course content to you?

Worthless	0
Of small value	1
Valuable	13
Very valuable	4

Comments

How interesting was the course content to you?

Worthless	0
Of small value	1
Valuable	5
Very valuable	12

Comments "Very interesting and applied. The motoriklab visit and calculation of the data was very interesting" (Very interesting)

I have learned a lot...

Do not agree	0
Disagree somewhat	2
Agree somewhat	13
Agree completely	3

Comments "Because it was the first time I had this subject and it was complete from the beginning to the end" (Agree completely), "I've learned things, but I could've learned more. Mainly I blame myself for that" (Disagree somewhat), "Mostly through the homeworks" (Agree completely)

There were enough lectures of a good scope for me to learn the material...

Do not agree	0
Disagree somewhat	3
Agree somewhat	5
Agree completely	9

Comments

Did the lecturer present the material in an interesting way?

Not at all	0
Somewhat	0
Rather interesting	11
Very interesting	7

Comments "Very!" (Very interesting), "Good to have some stretching time during lectures" (Rather interesting), "Lanie, you're doing a great job" (Very interesting)

How do you generally rate the guest lecturers' contributions to the course?

	Anders Eriksson: Optimization	Stefan Gantelius: Orthopedic Surgery	Toni Arndt: Sports biomechanics
Poor	0	0	0
Not great	9	0	0
Good	6	5	8
Very good	1	7	10

Comments "Sports biomechanics and orthopedics surgery lectures could be extended" (Not great, Very good, Very good), "More detailed content could have been great but more time would be needed so...." (Good. Good. Good)

What is your opinion of the course's exam/grading design (i.e. group projects instead of final exam)?

Poor	0
Not great	1
Good	9
Very good	7

Comments "Good idea. Work distributed for longer timescale" (Very good), "Only final project that was not so useful because of the poorly explained subject and objectives" (Poor), "It's better to work with colleagues on a project for the reflection than working alone for an exam" (Good), "I don't think the final project was worth 10 pts. It was mainly trial and error and I don't think I learnt much", "I think that homework 1-4 were good, but a bit unfairly dependent on how motivated your teammates were - some just want to pass. A lot of work for one person if you wanted to get a higher grade. The final project was unclear and not insightful" (Good), "Project is more like reality than exam" (Very good), "Homeworks are the best way to learn continuously instead of one final exam" (Good)

What is your general opinion of the homework projects?

Poor	0
Not great	0
Good	14
Very good	3

What is your general opinion of the final project?

Poor	4
Not great	9
Good	4
Very good	0

Comments "The task for the final project wasn't really precise" (Good, Not great), "The final project was not clear. Don't see any educational objective except random tries" (Good, Poor), "[The final project] was unclear and less demanding than the homework projects" (Good, Poor), "Instructions were not clearer enough while the [final project] idea of jump competition was good" (Good, Not great)

What was good with the course?

"Interaction during lectures. I possessed practical abilities for biomechanical analysis", "Assignments, teachers", "Project works", "The variation of content from one lecture to the other", "Learning OpenSIM software, learning the muscles utilisation to walk", "The first homework projects (matlab kinematics & dynamics) were really interesting", "Toni Arndt's guest lecture for different insights, field trip [to Motoriklab]", "I liked that the projects involved practical work. [Motorik]Lab was fun", "The Motoriklab was interesting", "Laboratory", "Use captured data that we captured as input to labs", "Lanie, and the speed of replying to emails", "This course is different from every courses I had. I learned lots of things about the body and muscles", "Acquiring a lot of knowledge through homeworks", "Practical examples relating .."

What about the course do you think should be changed?

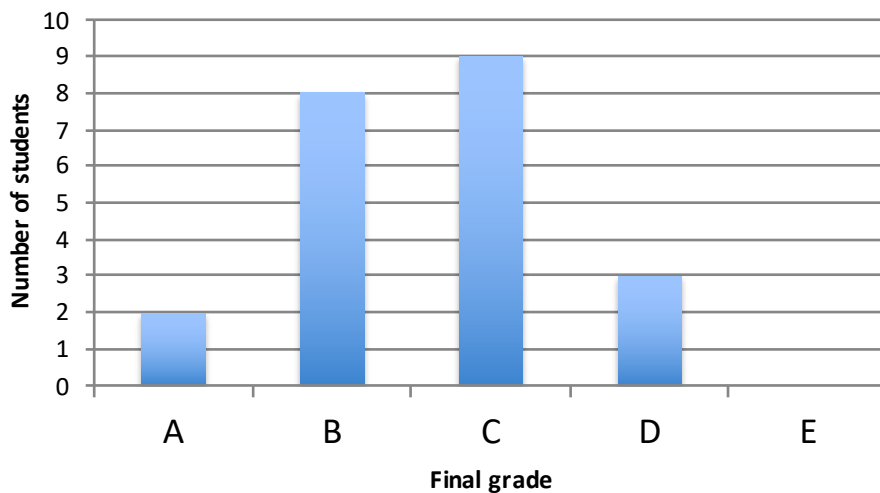
"Final project, instructions could be improved/more clear", "Final project a bit too iterative", "The organisation of the final project and the reports of the opensim labs that were not useful and took a lot of time", "Introduce more reflection tasks for the final project", "The final project - 10 points for random tries on OpenSIM is a bit too much", "[uneven] Distribution with amount of work load (beginning: projects + review questions + OpenSIM tutorials)", "Final project: OpenSIM - different tools? So buggy", "Final project", "Maybe a bit more frontal lessons and a better final project", "More support to get OpenSIM running for everyone's computer", "Clearer instructions for homeworks", "Final project (not enough reflection)", "Clarity and discussion on what is expected from project and assignments"

If you could give some advice to next year's students, what would it be?

"Try to group as much as possible with your project mates", "Not to buy the book because it was not so necessary to do the exercises (Lectures & lecture material enough to learn the necessary)", "Take the course, it's an interesting one", "Focus on gait and homeworks 1 & 2", "Make sure you know Matlab, install and test OpenSIM in advance"

Course Analysis

22 of the 23 registered studented passed the course. The last one dropped the course during the second half, stating he didn't have the time to get a good grade. The grades were a little lower this year, with mostly C:s and some D:s. Three students never turned up for the course after having registered for it.



Conclusions

This was the second year for the different final project topic, and it was not at all popular this year. Our instructions were not clear enough, and the students didn't feel like it was challenging enough. I will probably change topics for next year. Otherwise, the course ran smoothly, though this group was not quite as active as others have been. I got the feeling that several students iust wanted to pass, but were not concerned about the grade.