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## Resultat av: Project Course in Signal Processing and Digital Communications, EQ2430/EQ2440, VT2010

Status: Avslutad

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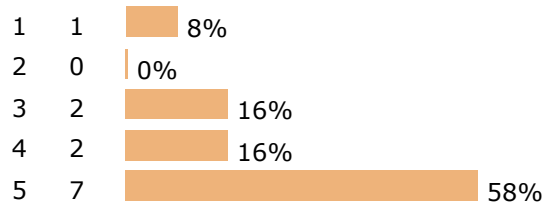
Antal svar: 12

Procent av deltagarna som svarat: 80%

Kontaktperson: [Per Zetterberg](#)

### 1. The course was useful and interesting. 1. Do not agree at all ... 5. Agree completely.

12 svarande



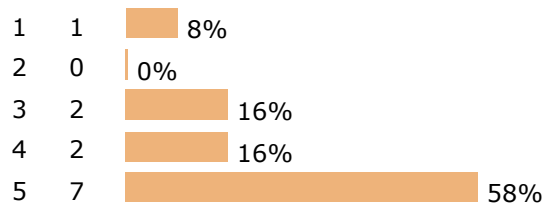
- the project was interesting but the group work was not good (3)
- The project course was the best way one could learn about the Inertial Navigation Systems. (5)
- it's very fun and also stressed. (5)
- it's very useful to make theoretical things to real model. (5)

### 2. Is there anything that could be done to make the course more interesting ?

- NO
- choose our groupmates
- more lecture on the softwares and hardwares we should work with,
- A project competition for a prize like previous years!
- I'd like to be more reserach on project and at the final each group have a papaer submitted.
- make the group by themselves

### 3. The course goals have been fulfilled

12 svarande

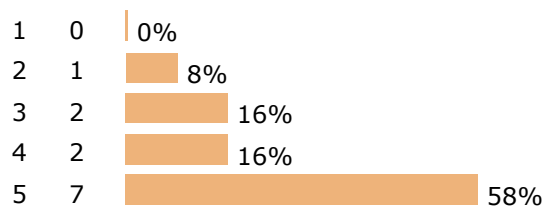


#### 4. What could be done in order to reach the goals better?

- Start earlier
- To have more helpful project assistants
- Maybe we should have a better project plan.
- relation between assistance and students should be closer

#### 5. Your prerequisites were adequate

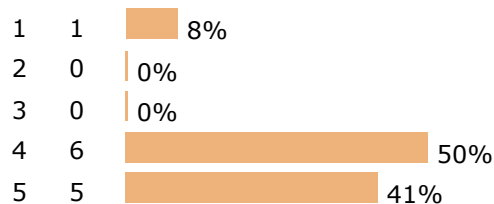
12 svarande



- I would not have chosen this project unless I had the prerequisites. (5)
- give some tutorials about Kalman filter, not all of the students have taken the adaptive signal processing course (5)

#### 6. EE has given a correct description of the course - the course is what I expected

12 svarande



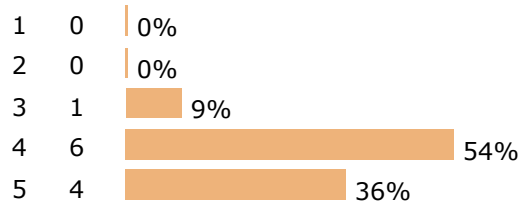
- Yes! (5)

#### 7. Is there anything that EE could do to better describe the course to potential students ?

- No
  - Design projects that cannot be covered in a theoretical course. Distribute this information.
  - It will be beneficial if it is possible to get some project from industry or to show that what industry is doing in this field.
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## 8. The information (lectures, web and other) on the project management and requirements was good and enough

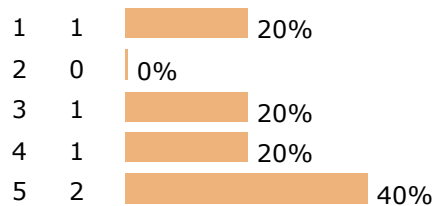
11 svarande



- DSP lectures was not so needed for the green group. Maybe extend the lectures next year so they are useful for everyone. (4)
- 

## 9. The DSP support section on the webpage was good (for red group)

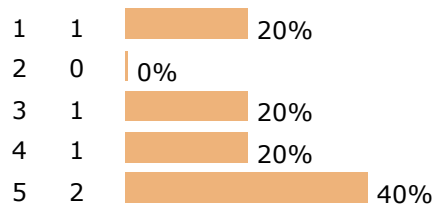
5 svarande



- it's very good for understanding DSP implementation. (5)
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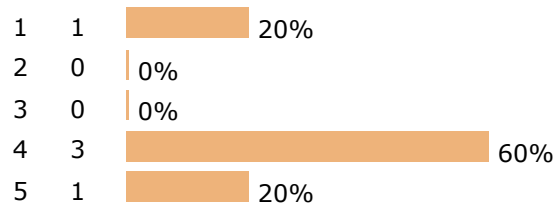
## 10. The DSP lectures were good and enough (red group) ?

5 svarande



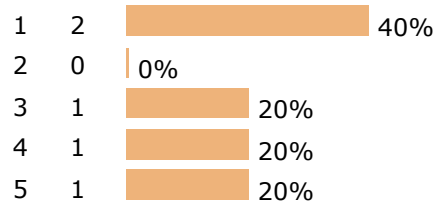
## 11. The DSP support was good ? (reg group)

5 svarande



## 12. The RF-lecture was good (yellow group)

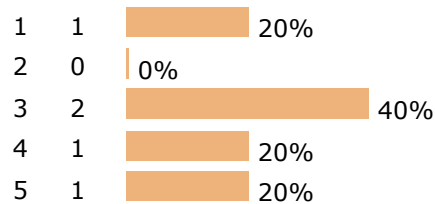
5 svarande



- Their was a lack od detail description about how USRP works, so we got many points especially in practical points by experiment but might be faster if we knew those information, (3)

## 13. The USRP support section on the webpage was good (yellow group)

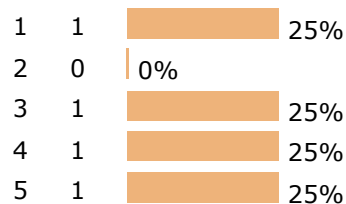
5 svarande



- It would be better if u arrange one lecture on USRP (4)

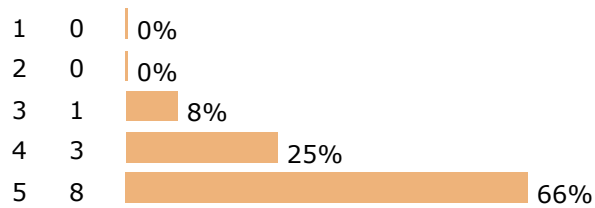
## 14. The USRP support was good (yellow group)

4 svarande



**15. The teacher responsible for the course was good**

12 svarande

**16. The support for programming in linux was good (green group)**

4 svarande



- This is my experience even if I did not develop code as a main task. (5)

- Andreas helped us a lot in linux, it is better if the computer guy gives us some tutorials about IT++, Eclipse and other linux tools. (5)

**17. The support for the inertial measurement system was good (green group)**

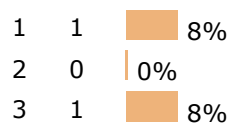
4 svarande

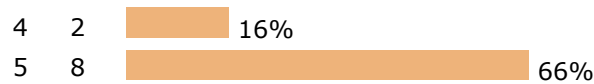


- We always got good answers to our questions. (5)

**18. The computer support was good**

12 svarande



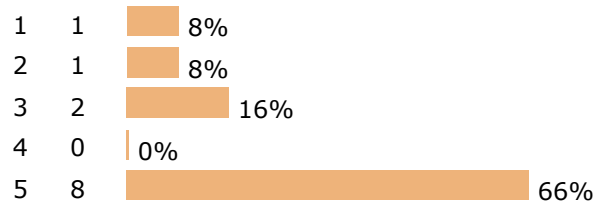


- We did not get the URL to our webpage for about a week. (3)

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## 19. Our project assistant(s) was good

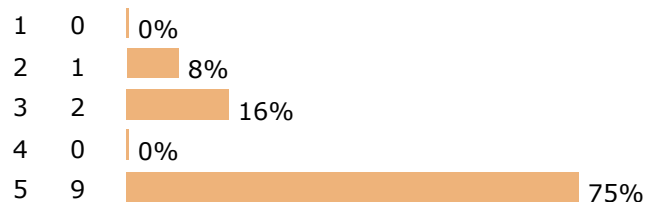
12 svarande



- relation between assistance and students should be closer (3)
  - Our assistant (5)
  - very good assistant (5)
- 

## 20. The work load correspond to a twelve credit course

12 svarande



- spend two month time for 12 credit....it should be more credits (3)
  - It is strange that this course is a 12 point course in the sense that you need to take 30 credits each semester to get your CSN money. This can complicate things. And the workload is according to two courses in parallell in my experience. (5)
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## 21. What was the best aspect of the course ?

- Compine all courses together
- It is an application to the courses learned previously in this year.
- It was a course that was technically well designed as well as considering the management aspect it was useful in project management skills.
- practical work
- The best aspect of this project was as mentioned before that it is hard to learn about the inertial navigation system without actually implementing it.
- Working in group and daily and weekly meetings of groups with project assistants and with fellow members were very beneficial for learning.
- Autonomy of work.
- it's practical.
- practical work on advanced digital telecommunication

- very good course, I learned a lot
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## 22. Is there something that has not functioned well or should be changed/removed from the course ?

- NO
  - it should determine each person responsibility so much clear,
  - I think a big issue is people in the project team slacking off, saying they will perform a task and delay it etc.. This has to be changed, but I cannot find a good solution just yet.
  - Personally, I think the weekly report is a very good idea, it not only tells others what you have done, but also helps me to understand what I can improve in next step.
  - I think projects should be cleared before course started, and anybody can select his project, for example I ,d like to work with DSP board but when I select the projects that have DSP board I found I was not in that group. I mean everything should be clear and everybody can follow his interest.
  - nothing
- 

## 23. What is your experience from working in a project group ?

- Team work understand the physical meaning for the mathmatics
  - patience
  - it was terrible!
  - My experiences from working in a project group is that a good project manager is of great importance and it is important that people are working in the same premises so you can discuss and communicate easily in the group.
  - Many things which I studied in theory, I did them practically in this project. I came to know about many practical problems and their solutions. Working in a group was very effective in terms of knowledge sharing and Project Management.
  - It was a great experience. I learned a lot from working in the group.
  - Teamwork is very important. Everyone should try to be a team player.
  - It was a nice experience
  - work hard at first, then you can have enough time for error checking and system optimization.
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## 24. When did you here about the course ? Why did you chose it?

- Its special chance to built complete communication system
  - when i want to submit the learning agreement. I choose the course because it is an application in what i learned earlier in the theoretical courses
  - matlab work
  - it is mandatory for us, but I thought it would be very interesting and informative,
  - I heard it from a course mate, he convinced me to apply for this course!
  - I chose this course to make a solid background in many effective communication concepts like OFDM and Channel Coding.
  - it's mandatory.
  - In course decription by Mats Bengeston , I heared about the course, I select this course because I wanted to work with DSP board(Which I couldnt be in my favorite project)
  - at the beginning of my master study. It has a good opportunity to do something practical.
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## 25. Additional comments

- diaries was best idea to track the work from the teacher side and the students themselves
- weekly diary was good
- The different projects have not equal amount of work, and the assistants did different amount of

*work in different groups, there was so much difference!*

*- This course is great! Are there project courses like this on other programmes/departments? Try to recruit more students with different backgrounds! I think this is very important for a project to be successful.*

*- Overall course was very effective. Weekly reports and reflective diaries were helpful to schedule upcoming task and to see overall progress.*

*- Sorry for late submit...the weekly report is very good.*

*- Thanks Prof. Per for your help and support*

*- no*

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Kursutvärderingssystem från **Utvarderingar.com** 

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