

To: Members PC CreaTe/HMI

From: Barbara Spikker

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CreaTe/HMI 18.doc

Concerns Minutes of the PC CreaTe/HMI meeting nr. 18, 13 November 2012

Committee members present: Dr. E.M.A.G. van Dijk (chair), Dr.ir. C. Salm,
Dr. M. Poel, S.N.J. Gerritsen, D.A.F. Mulder,
M. Bruinenberg
Others present: Dr. G.F. van der Hoeven (director), Dr.ir. E.J. Faber
(Bachelor coordinator), B. Spikker (support staff,
minutes)

1. Opening and announcements

Van Dijk opens the meeting at 15:10.

Announcements

Bruinenberg is welcomed to this PC as the new student member.

2. Setting the agenda

The agenda is approved in its current form.

3. Minutes programme committee of 11 September 2012

Bruinenberg reports that EE student accompanies his name in the minutes. He will let Spikker know where exactly, so that this can be amended.

With this amendment the minutes are approved.

Action points:

Point 18	Still no one found. The mail yielded no response. Poel and Gerritsen will now try to find students in person.
Point 46	Will be discussed at agenda point 6.
Point 47	Has been dealt with and may now be struck off.
Point 48	Has been dealt with and may now be struck off.

4. Incoming/outgoing mail

Van Dijk remarks that in his letters the Dean refers to programme committee CreaTe - and not CreaTe/HMI.

5. Change description Research Topics

The PC has been requested by the chair of TI's exam committee to alter the text of the course description of Research Topics. It is not always clear that research topics are intended to take place within the specialization chair. The PC would, however, appreciate some freedom in the description to deviate from this if necessary. Spikker will ask TI's PC what their reaction would be to such a request and relay this back to Van Dijk, who in turn will inform Rensink.

6. Curriculum CreaTe

Smart Technology

Faber takes the floor. In the 2nd year the student must choose a specialization (New Media and Smart Technology). Originally, ST comprised 4 subjects which amounted to 15 ECs (4+4+4+3), namely:

- Introduction to Electronics
- Introduction to Communication Systems
- Control Engineering
- Sensors

One final mark follows which is a weighted average of the 4 separate tests:

- Introduction to Electronics 4/15 part,
- Sensors 4/15 part,
- Introduction to Telecommunication 4/15 part, and
- Control Engineering 3/15 part.

A 5 must be gained for each separate test and the average must be at least a 5.5 or higher. Sensors has increased from 3 to 4 ECs owing to part of Control Engineering being transferred to Sensors.

According to many students Introduction to Telecommunication is strongly EE related. CreaTe would prefer to see more network protocols incorporated in this. Besides the TE group, also DACS has this expertise.

Introduction to Electronics has more mathematics.

How to adapt this in the TEM (*Twente Educational Model. In Dutch: TOM*)?

- What will the format be for both NM and ST modules?
- Greater synergy between old and new ST?
- Will project be central to the teaching or not?
- Will components be shared with other programmes?
- Will the 15 ECs content be divided between 1, 2, 3 or 4 modules and when will this be?
- With more than 1 module what subjects will accompany it?

Van der Hoeven explains that ST was developed under the leadership of Job van Amerongen. For a student this means 4 EE subjects, which have not been fully adapted for CreaTe students. Anton Eliens has developed 4 totally new subjects for NM, especially for CreaTe students. Although this affords greater uniformity, there is still a need for improvement.

Grading 2012 – 2013

The new modular system will herald separate testing. The old subject descriptions and codes will hold. For the time being resits will continue according to the old system. New is the 'weighted average', and a 'fail' will not be possible.

7. State of affairs Educational Organization and clustering

Van der Hoeven has requested a reprieve for TEM. Various meetings have taken place between the dean, rector and Van der Hoeven. The rector is sympathetic but wishes to see a different underpinning. He remarked furthermore that few people seem involved with CreaTe, sees this as a cause for concern and would like this to be solved. In total approximately 20 chairs are involved to a small degree in CreaTe, but only 3 or 4 people feel truly involved. So, involvement has priority now. At the rector's request, a 'disciplinary council' will be set up to address CreaTe's teaching and research.

Salm wants to know who will be responsible in the new modular system for next year's resits. The decision has been made UT-wide that all resits should take place within the module and that – for the time being – no extra opportunities will be offered. The PC will have to discuss testing. Maybe Joke Oosterhuis has already made a plan. Van der Hoeven will contact her. This item should be put on the December PC agenda again.

8. State of affairs Teaching Evaluation

Bruinenberg takes the floor. He is currently a member of CreaTe's teaching evaluation committee. The first meeting took place last week and he asked the students to evaluate the subjects. He will relay this back to Faber. However, this will now be formalized and the subjects will be evaluated by the quality committee. CreaTe has now taken TI as basis and (for CreaTe) this will be called CREEC. The CREEC will consist of 5 student members:

- Rinze ten Berge (chair)
- Rob Meester
- Isabel Pfab
- Jonathan Juursema
- Karolina Nichewiddowic

Furthermore as advisory panel, the following persons:

- Ronald Meijer
- Martijn Bruinenberg
- Erik Faber

Every 6 months the CREEC will send a report to the PC. The following subjects will be evaluated in the 2nd quarter:

- Introduction to Mathematics & Modelling
- Sketching

For 2nd years the following will be evaluated:

- Ambient Screens
- Queues & Logistics

Aforementioned subjects have been chosen purely on the basis of comments made last year.

Salm wishes to know what will happen with the reports. The rector would like to make them public which means they will end up on the evaluation site. The reports should therefore be checked. Van der Hoeven remarks that a system should be introduced that stipulates what should be discussed and how lecturers should be advised. To date the lecturer is only informed after the minutes have been drawn up.

Faber will enquire if the chairman of CREEC will attend the next PC meeting.

9. Questions

Poel wants to know if an artistic component will be incorporated in CreaTe. Van der Hoeven remarks that there is currently no subject with such a component, that he is aware of this and that it has his attention.

Edwin Dertien and Erik Faber visited the Vrijhof to see if CreaTe students could make use of the workplaces there, as well as to involve those at Technology in CreaTe teaching. There are possibilities at the Vrijhof.

10. End

At 17:00 Van Dijk closes the meeting.

Actions

Action point	Status	Action taker
18. Find new student member within HMI for the PC.	Still no new member. Will try again in September.	Gerritsen and Poel
49. Plan testing re new modular system. In December on agenda again.	Van der Hoeven will contact opnemen Joke Oosterhuis re resits/testing in the new modular system.	Van der Hoeven
50. Check with TI's PC re description research topics and inform chairman TI's exam committee.	Decision of TI's PC mailed to Van Dijk. Chair of TI exam committee will be informed.	Spikker/Van Dijk
51. Invite student member of CREEC to explain evaluations.	Rinze ten Berge has hence been invited by Faber.	Faber