

*Faculty Electrical Engineering, Mathematics, Computer  
Science*

*Creative Technology, Human Media Interaction*

*Bureau of Educational Services*

To: Members PC CreaTe/HMI

From: Barbara Spikker

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**Concerns Minutes of the PC CreaTe/HMI meeting nr. 12, 13 March 2012**

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

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**1. Opening and announcements**

Van Dijk opens the meeting at 15.05.

*Announcements*

Van der Hoeven reports that there are currently 74 preliminary enrolments, 40 of which are Dutch. Half of the remaining 34 are German. Approximately one-third of the total is female. Last year (on 8 March 2011), the count stood at 60 preliminary enrolments. If the trend continues in this fashion, we can expect 120 in total, which means that no draw will have to take place.

Salm has discussed this with De Kluyver and has understood that there is the possibility of using selection criteria. Van der Hoeven explains that this is indeed possible but that the criteria must be reported to the 'Dienst Uitvoering Onderwijs'(DUO) one year in advance. The DUO must endorse this. This will probably be introduced next year.

Members wonder whether it is possible to fill in draw places that have become vacant. This can be done until the end of September. However, it is not possible to just switch courses. Students will have to re-enrol the following year. Van der Hoeven also has to report annually the so-called Numerus fixus (admission quota). He states that 120 is the number we can deal with and which will probably not be altered.

**2. Setting the agenda**

The agenda is approved in its current form.

**3. Minutes programme committee of 14 February 2012**

*Comments:*

None

*Re:*

P.1 tutor project The tutor project has commenced.

P.2 Resit Web2.0 mashups      Van der Hoeven has contacted the lecturer in question who will find a suitable solution in accordance with the advice of the PC.

With aforementioned amendments, the minutes are adopted.

*Action points:*

- Point 8            This will be dealt with in the PC in April.
- Point 12          Will be dealt with in item 5 of this agenda. Point can thus be withdrawn.
- Point 17          This was discussed at a meeting on Monday and resulted in action points. A report will be drawn up. A new meeting will be planned.
- Point 18          One student is interested but he currently has lecture obligations.
- Point 19          This will be discussed in item 6 of this agenda. Point can thus be withdrawn.
- Point 20          This will be discussed in item 5 of this agenda. Point can thus be withdrawn.
- Point 21          This will be discussed in item 5 of this agenda. Point can thus be withdrawn.
- Point 22          This has been discussed with the lecturer in question. He will seek a suitable solution. Point can thus be withdrawn.

#### **4.      Incoming/outgoing mail**

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#### **5.      Curriculum HMI**

At the exam committee's request, lecturers Van der Vet and Heylen are called upon to offer an explanation.

Professor Heylen takes the floor. He is the programme mentor and department chair of HMI and thus involved in the HMI curriculum. There are various reasons for the changes to the curriculum: quality improvement and efficiency (more students in certain subjects). For this reason, a brainstorm session on what a new curriculum should look like took place between HMI lecturers. The draft curriculum that was made together with Professor Evers and the curriculum working group has so far been received with enthusiasm. Heylen explains what this draft looks like. Compulsory components are and remain Computer Ethics, HMI project, Research Topics and graduation. The topics will now be re-categorized. The new topics (followed by the workload/course credits) will be:

1. Artificial Intelligence, Signal Processing, tools and models – 5 ECs
2. Intelligent multimodal interaction – 5 ECs
3. Research methods / User studies – 10 ECs
4. Design and project (more practical) – 10 ECs
5. Society, Computer Ethics – 5 ECs
6. Psychology / sociology – 5 ECs

Brief explanation: the three topics now central in the Master's programme are Artificial Intelligence (AI), Natural Interaction (NI) and Human-Computer Interaction (HCI). The technical side of AI and NI will be moved to the first topic where e.g. Hidden Markov Models are also dealt with. Prototypical subject in NI is Speech and Language Processing (SLP). However, besides speech and language there are many other modalities which also deserve attention (non-verbal, touch, BCI, ...). Hence the broadening of the subject to Intelligent multimodal interaction, the subject of topic 2. With regard to research methods (topic 3) the provision will be structured better and topic 4 will also include user-centred interface design, partly in the form of a project. The working group feels that this will sharpen the focus of the programme. The final 2 topics will be provided by another faculty. The abovementioned amendments will entail greater obligations but there will be enough room for optional subjects (20 ECs).

## **6. Pre-Master's HMI (tentative)**

As pre-Master's students are registered in their Bachelor's fase, they are not allowed to take Master's exams. This means they will face a study delay, also because the moments of intake are changing to September and February.

A current idea is to allow pre-Master's students to take an adapted test in August to see if they are able to transfer to the Master's. This way they will not face a delay. However, this needs to be put in writing in order to inform the faculty council. The Dean would value it if this written account were made by the admission board.

## **7. European Master's (EIT)**

Van der Vet takes the floor. There is a collaboration between 6 European universities (core members) and companies. The EU has made funds available to conduct research into the Master's programme re its focus on trade and industry, and particularly with regard to the exchange of skills and innovation. This will mean a new and unique programme that will not only combine existing programmes but also include trade and industry and research institutes. The HMI programme is involved in this Master's. The UT will probably be the entry point for the security aspects and exit point for HMI. It will be a so-called travel Master's. Formally, this means that HMI must provide the education in the first year.

On 26 March a meeting will take place in Berlin during which it will be announced how many applications have been received and how the selection is to take place. We are then expected to indicate whether we wish to be the entry point. The first student is expected to enrol as per 1-9-2013. To date, 850 students have applied. Experience shows that 10% is serious, and if we have 10 of those, we're okay.

As per July 2013 a new point of contact for this Master's must be arranged within the UT because Van der Vet will then be retiring.

Members endorse the idea but note that everything must be worked out in detail. Van der Hoeven will inform the Dean that the UT wishes to be the entry point.

## **8. Curriculum CreaTe**

Van der Hoeven has not had time to prepare something on paper and thus takes the floor. With regard to NIKOS there are still some problems with regard to the business subjects. Furthermore he says that certain components in the ST stream are going to be swapped around. The subject Control Engineering has not gone well and an alternative needs to be thought of.

A curriculum proposal still needs to be made. The students desire a subject such as academic writing but there is no room for this at the moment.

CreaTe will also have to organize modules but for the time being has been allowed a postponement.

## **9. Questions**

Mulder wonders what will happen with Creative Exploration. On Thursday afternoon a meeting will take place in SmartXP, Van der Hoeven reports, and more will be made known then.

## **10. End**

At 17.20 Van Dijk closes the meeting.

## Actions

Action point	Status	Action taker
8. other elective courses on the agenda of April. 1 should have something about ethics and profession responsibility	A tailor-made proposal for CreaTe will be drawn up	Van der Hoeven
17. Report on meeting between lecturers of the EE courses to make these more CreaTe	Meeting planned	Salm
18. Find new student member within HMI for the PC	Still no new member	Gerritsen
23. Admission committee HMI and Schut/Korsten to work out plan re test in August to enable transfer of pre-Master's students		Van Dijk
24. Plan preliminary meeting between lecturers of the EE courses		Salm
25. Inform Dean of inclusion UT as entry point for the EIT Master's		Van der Hoeven