

# UNIVERSITY OF TWENTE.

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Date: 16-10-2019

Present:

Chairman:

Dr.ir. H.J.M. Geijselaers

PC-members:

F. Krekt, H. Steenstra, I.T. van der Veen, ir E.E.G. Hekman dr.ir. M.B. de Rooij, dr. M. Shahi, dr.ir. E.T.A. van der Weide

10 Permanent guests:

S. Buse, drs. E.M. Gommer, A.F. Heutink, G. Stoffels

Evaluation committee

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Minute maker:

T.D. van der Molen

Guests

A. de Kiewit

Absent:

B.R. van Eijk, N. van der Werf

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## 1. Opening

The chairman opens the meeting at 08.49.

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## 2. Evaluation committee reports Q4

The evaluation committee presents some of the results from the reports from quartile four.

## 25 Bachelor

### *Design and construction:*

The course has an average score of 3.0. Students thought the project and lectures weren't very clear and didn't line up. G. Stoffels suggests that the subject maybe wasn't presented clearly.

30 Students said that the knowledge given in the lectures came after they needed it in the project.

The problem lies in the fact that it is set up as a trimester project, but is now put into a single module. L. Gommer suggests M. de Rooij help out, because he used to run the project.

**AP L. Gommer: Talk to M. de Rooij about helping with the project design construction**

## 35 *Systems and control*

Does not score sufficient with a 2.8. Students are not happy with the structure of the course, reader and lectures. They have a hard time following the teacher.

### *Dynamics*

40 Scores a 4.5. Students are satisfied.

### *Project mechatronics*

Scores a 3.2. Students think it is challenging and has a lot of Systems & Control topics. They think it is not clear what the report was graded on.

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## Master

### *Composite forming*

50 Gets a 4.2 on average. Students like the availability of the teacher and there is sufficient time for the course.

### *Computational fluid dynamics*

Has a sufficient grade with a 4.1. Students find the course interesting and organisation is well done.

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### *Fluid mechanics of turbo machines 2*

Scores a 4.3 . Students find the course interesting and like that the teacher is often available.

M. Shahi remarks that the response is very low on the surveys.

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**Faculty of Engineering Technology**  
**Mechanical Engineering – Sustainable Energy Technology**  
**Programme Committee**

The committee replies that this is because they are sent during the summer holidays, next year they will have paper questionnaires at the end of the course.

E. vd Weide adds that for some courses more people are registered on canvas than are actually taking the course, this might lead to perceived lower numbers of response.

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*Life cycle strategy*

Scores sufficient with a 4.2. Has good lectures. Students would like it if there was an introduction to the program 'Gabi'. The lecturer has responded saying he will recommend introduction videos next year.

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*Non-linear solid mechanics*

Scores a 4.1. Students find the course interesting but would like more practical exercises.

The evaluation committee leaves the meeting.

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**3. Minutes last meeting & Minutes Faculty Council**

Page 1: Masha's last name is "van der Voort"

Heidi's last name is spelled "Muijzer"

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B. Geijselaers mentions that he did not invite M. van der Voort since this concerns an extracurricular activity. He also notes that he sent H. Muijzer an email yesterday but has not had a response yet.

85 Page 2: no remarks

Page 3: M. Shahi asks if it would not be a better idea to split the bachelor and master PC instead of ME and SET. After a short discussion, the consensus is that splitting SET would be better than splitting the master and bachelor PC.

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*Action points*

1 stays

102: (Should be splitting "ME and SET") done

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103: stays

111: stays (add J. Kok to people)

114: done

115: stays

116: done

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117: stays

118: done, F.Krekt has talked about this, when VU matters are discussed someone from the VU should be here. There already is a promotional message for this. The VU is not on the planning for a while so there is some time.

105 G. Stoffels notes that there is some evaluation happening with the students at the VU. It would be good to have the results from that from P. Roos

**AP F. Krekt: Ask P. Roos about the results of the evaluation that happened at the VU with the students.**

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*Minutes Faculty Council*

FRET-331-2019-07-16

No remarks

115 FRET-332-2019-08-27

No remarks

#### **4. Announcements**

120 G. Stoffels says that some words were added to the EER about how to deal with compensation. Currently a student can compensate one grade between 5.0 and 5.4 in both the first and second year. However in practice it should also be possible to compensate IFEM and Statistics in the third year, as long as there is no compensation required in the second year. G. Stoffels has added this rule to the EER.

125  
(A. de Kiewit enters the meeting at 09:22)

#### **5. Evaluation BSA**

130 A. de Kiewit says that it has been a reasonable year. Non-EU students did a lot better than before, it is not clear why EU students are not showing a change. Overall it has been a good year. B. Geijselaers notes that it is worrying that over half the Non-EU students drop out.

135 A. de Kiewit explains that these students tend to struggle more with their choice of study. Also there is the problem with the connection between high-school and university. In some countries like Bulgaria and Latvia this is causing problems. How are we estimating the quality of these students?

140 A discussion follows about the admission of foreign students to the Bachelor programme. The conclusions are:  
-There is no real identifiable link between specific countries and student quality (partly because of the small sample size).  
-For students coming from within the EU it is not allowed to have an entry exam.  
-When students from a specific country show problems, the admission office and student mentor is advised. A foundation year is sometimes done by these students.

150 Mass Hysteria: there is a WhatsApp group for first year students in which sometimes wrong information leads to students panicking. These panics are usually resolved and the upside is that there is a lot of helping each other in this group.

There have been some real problems with students regarding oral exams. Good students failed oral exams and as a result had to do extra work. A. de Kiewit would like to observe some of the oral exams and see if they are being handled well. Chantal Scholten could assist in this.

155 **AP L. Gommer: check with Chantal Scholten about the quality of oral exams in the first year.**

A. de Kiewit concludes by saying that she is happy with the results, since there has been an increase in the number of students, but not a decrease in people failing their BSA.

160 (A. de Kiewit leaves the meeting at 09:59)

#### **6. MSc renewal**

L. Gommer has a presentation about the Msc Renewal

165 This afternoon there is a MSc renewal meeting. In September there was a workshop about all the topics, which about 35 people attended. The information needs to be on the website soon because we are already seeing people subscribing.

170 Specialisations are coming up with the course list now, and there is a question about if we should have common courses. We are also looking at deleting some courses from the list. There are currently no common courses, but some courses are chosen by multiple specializations. Fundamentals of Numerical methods is a popular one combined with Linear/Nonlinear Solid Mechanics. Also Flexible Multibody Dynamics is popular. Not all specializations are spread among different types of courses.

175 L. Gommer would like to see some commonality in courses for coherence.

180 E vd Weide asks if it is a problem that when people start in February is that courses don't link up as well. B. Geijselaers asks if we can have only one starting moment. L. Gommer replies that she does not know if that is possible.

The problem with having a common course is that everyone has a different take on this. These are the options

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- Make 1-3 courses obligatory
  - Build one new course obligatory for all
  - Have common courses in specialization lists (so not obligatory)
  - Have no common courses at all

190 E vd Weide would prefer no common courses at all, since it takes away options from specializations. M. de Rooij would like some commonality between the diplomas. F. Krekt agrees that there has to be some common ground.

E vd Weide notes that if this is done it should be something with design, since that is what an engineer does. G. Stoffels suggests a new design course in which each specialization has their own project. B. Geijselaers thinks that it would be nice to not have to start with choosing courses in the first quartile. We could have a choice of 5 courses in the first quartile.

L. Gommer will incorporate these recommendations to the presentation.

200 **7. Any other business**

F. Krekt mentions that next meeting alternative study routes and video lectures will be discussed. He suggests we should have an action point on this.

**AP M. de Rooij: prepare a document about video lectures for next time.**

205 **AP F. Krekt: contact A. de Kiewit about alternative study routes (such as disability and athletics).**

**8. Closure**

The chairman closes the meeting at 10:36

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<i>Action points</i>				
	<b>Action: (Agenda point)</b>	<b>Introduced on:</b>	<b>To be completed on:</b>	<b>To be completed by:</b>
1	Let the evaluation committee discuss the course evaluations (in response to PC-377)	01-11-2001		
103	Talk to the teacher about Manufacturing facility design	03-04-2019		L. Gommer
111	Add agenda topic 'delays in master due to internship' when annex is finished	08-05-2019		BOZ, J Kok
115	Invite H. Muijzer to the next meeting to talk about the robotics master	11-09-2019		B. Geijselaers
116	Write a note on the recommendations for the quality plan	11-09-2019		B. Geijselaers
117	Write a note to M. Dohmen, J. Kok, M. Shahi, L. Gommer and the SET student about splitting the PC	11-09-2019		B. Geijselaers
118	Ask P. Roos about the evaluation committee for the VU and the results of the evaluation.	11-09-2019		F. Krekt
119	Talk to M. de Rooij about helping with the project for design and construction	16-10-2019		L. Gommer
120	Check with Chantal Scholten about the quality of oral exams in the first year	16-10-2019		L. Gommer
121	Prepare a document about video lectures for next time	16-10-2019		M. de Rooij
122	Contact A. de Kiewit about alternative study routes	16-10-2019		F. Krekt