

Minutes of the meeting of the Programme Committee ME/VU



Date : Wednesday October 27, 2021

Time : 08:45 – 10:30 hour

Room : Home office

Present:

Chairman:

PC-members:

M.B. de Rooij

B.R. van Eijk, H. Steenstra, I.T. van der Veen, M. Shahi, A.H. Vuuregge (absent), S. Wilcox (absent), M.E. Toxopeus, E.E.G. Hekman, J. van Asselt (absent), M.I. Abdul Rasheed, T. Tankink, D. de Jong, P.C. Roos (absent), C.L.B. Geuß, M.T. Khan,

Permanent guests:

E.M. Gommer, A.F. Heutink, G.G.M. Stoffels.

Evaluation committee

H.R. Oost, J. van Manen

Minute maker:

S. de Groot

Guests

Absent:

<mentioned above>

1. **Opening + Introduction**

The chairman opens the meeting at 8:45.

2. **Course evaluation Q4 (evaluation committee)**

Bachelor courses: Module 4 Design and Mechanics

Project design construction & Academic skills 4: sufficient response rate. Average score 3.4. Some parts of the project were rated very good and other parts were said to be unclear. Not all the tutors were on the same page. The organization and planning was a problem.

Linear algebra: sufficient response rate. Average score 3.6. The lectures were quite useful. But practicing for the exam was difficult because some answers/explanation of answers were missing.

Mechanics of materials: average score 4.1. sufficient response rate. Students would like to have the exercises more structured.

Modelling and Programming 4: insufficient response rate. Average score 4.2. Appreciated the teaching assistants, they were helpful.

Machine elements: sufficient response rate. Average score 3.6. More practice exams/exercises and some more tutorials wanted. Teacher said that more tutorials were difficult because of the already tight schedule.

Master courses:

Wind energy: sufficient response rate. Average score 3.7. It was taught online. The lectures were sometimes too long and more feedback on assignments wanted.

Uncertainty quantification & model reduction: insufficient response rate. Average score 3.9. Students would like a reader.

Biomechatronics: sufficient response rate. Average score 4.1. The four parts of the course need more cohesion and the assignments were very time consuming.

Identification of Human Physiological systems: insufficient response rate. Average score 4.2.

A point of discussion is that courses are being evaluated in multiple programs so it is done double. Sometimes only a few ME students follow the course and it is still evaluated in this program committee, so it would be better to share the evaluations with another committee.

AC: Evaluation sharing in multiple committees.

VU evaluation: Semester 2

The response rates are very low, which have been a problem for a longer time now. This also has to do with the fact that every course is being evaluated every block.

Almost all courses from this semester scored above 4. From the open comments there were not really recommendations to give to the teacher.

For continuous assessment the teacher said it is difficult to set up a case that covers all the prior knowledge, especially for the second year. The continuous assessment of semester 4 was rated at 2.7 which is insufficient. Students complained that the content was focused too much on detailed engineering applications. The teacher said he would change this.

3 of the rest of the courses (Systems engineering, Project, and Academic skills) had very insufficient responses.

Overall the courses scored really well.

Probably, some time is scheduled in the first lecture of the next block for the students to fill in the evaluations.

3. **Announcements**

There is no replacement yet for E.T.A. van der Weide.

From the VU side, there is a replacement next month for D. de Jong (educational coordinator from the student association).

Also, a replacement for S. de Groot, minute maker, should be found soon. She will write a little part about the tasks so a vacancy can be spread through Newton.

E.M. Gommer will be program director from SET from 1st of December.

A.H. Vuuregge has given birth.

AC: Find replacements for E.T.A. van der Weide and Minute maker.

4. **Minutes last meeting September 15, 2021 / Minutes FC (annex)**

Page 1: no remarks

Page 2: no remarks

Page 3: no remarks

Hybrid education: the conclusion was that it does not work without an extra person looking after the chat. E.M. Gommer says that teachers are advised to do this. Experience is that there were a lot of questions online, so it is more convenient that the teaching/chat assistant is part of the course so he/she can already answer the simple questions.

Action points:

150: Can be removed. The results of the student questionnaire about Robotics are on the Teams Page.

5. BSA 1st year students 2020-2021 + students 2021-2022 (Genie Stoffels)

57% of the students had a positive recommendation, which is similar to other years, before COVID. Only the level was lowered a bit in amounts of EC's.
Stop means the students stops before February. They do not get an advise and are also able to re-enroll next year.

First year students: 279, 50/50 Dutch and International.
The number of international students with a positive advise is a bit lower than for Dutch students.

Second, third year or older: 411 students.

Number of students passing BSc exam is 142 from last year.

Master students: 487 students.

Twente Pathway is for students from outside the Netherlands from whose high school diploma is not enough to start University. They will follow this year so they get on the same level (as Dutch high school level) before starting their Bachelor.

The quality of these students is not always sufficient.

M.E. Toxopeus also mentions that the first week is very intensive, so students have to be informed to come on time as it is even more intensive if they arrive/move during that week.

E.M. Gommer says there is being looked into this week as well to make it less intensive.

T. Tankink mentions the number in the Kick-in was high this year so the students arriving late was quite low then.

M.T. Khan says that the Pathway needs some changes. Many students were not learning a lot new stuff, it was for many students basic knowledge or revision. The Pathway is more relaxed than the bachelor. And students need to be made more clear that they need to learn hard when they start their bachelor program.

AC: E.M. Gommer look into the quality of Twente Pathway College.

6. BSc assignments (subcommittee)

B.R. van Eijk presents the results of student survey about the BSc assignment from students over the past 3 years. There was a sufficient response rate.

The organization around BSc assignment was alright. Students had enough choices in research areas and topics. Students think the BSc assignment takes too much time, that it is more than the EC's mentioned. Most of the students feel confident about what they learned and that they can do research correctly.

There were some negative results about Societal Embedding.

There were no questions about the supervisors, but students said in the end that supervisors did not have enough time. Next time questions about this will be added.

Societal embedding will be reviewed separately next time so that more questions can be asked about this as it is negatively pointed out.

In the beginning there were a lot of experienced supervisors. Because of workload, these tasks also shifted to less experienced supervisors. But there are information sessions, which are also often attended by new supervisors. E.M. Gommer suggests that there could also be some (small) training session for new supervisors.

Next step is sending the Teacher questionnaire. This will be discussed next meeting.

7. **Exam Card (Marten)**

During the Master exam the graduation committee fills in an exam card that will give a subgrade. They also have to fill in argumentation and comments explaining these grades.

It now seems that students only receive the subgrades but not the comments. M.E. Toxopeus would like to fill in the faculty council so that students will receive their feedback. This can for example be done by the BOZ as part of a policy, just as they send the subgrades to the student.

E.M. Gommer can also discuss this in the Management team of ET because all programs have this problem and will bring this up in an educational meeting.

B.R. van Eijk mentions the same happens with the BSc exam.

AC: E.M. Gommer discuss the Exam Card in the ET/MT meeting.

8. **Any other business**

There is a question about if and when these meetings will be back physically. M. de Rooij mentions that he would like to have either a full physical meeting or a full online meeting. G.G.M. Stoffels mentions that also people from the VU are joining in from now, so it would be more difficult to meet physically.

It would be nice to plan at least one physical meeting, including the VU.

AC: plan a physical lunch meeting with the Program Committee including VU.

About the project of actuality of the Bachelor models: a questionnaire is made and received feedback from Chantal. Now a discussion will take place with E.M. Gommer and B.R. van Eijk about this.

9. **Subjects next meeting**

Subjects as scheduled in the year plan. Added will be the BSc assignment survey the supervisor part.

10. **Closure**

The chairman closes the meeting at 10:17.

UNIVERSITY OF TWENTE.

MECHANICAL ENGINEERING (ME/VU)

	Action: (Agenda point)	Introduced on:	To be completed on:	To be completed by:
1	Let the evaluation committee discuss the course evaluations (in response to PC-377)	01-11-2001		
151	Course evaluation sharing with committees	27-10-2021		
152	Find replacement for E.T.A. van der Weide	27-10-2021		M.B. de Rooij
153	Write something about Minute maker job and spread info at Newton.	27-10-2021		S. de Groot T. Tankink
154	Look into quality of Twente Pathway College	27-10-2021		E.M. Gommer
155	Discuss the Exam Card in the ET/MT meeting	27-10-2021		E.M. Gommer
156	Plan a physical lunch meeting with the Program Committee including VU	27-10-2021		