

Minutes of the online meeting of the Programme Committee ME/VU



Date : **Wednesday March 3, 2021**

Time : **08:45 – 10:30 hour**

Room : **Home office**

Present:

Chairman:

PC-members:

M.B. de Rooij

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

Permanent guests:

Evaluation committee

Minute maker:

S. de Groot

Guests

Absent:

<mentioned above>

1. Opening + Introduction

The chairman opens the online meeting at 8:50.

2. Announcements (new student members, vice chairman)

F. Krekt announces that he is leaving the program committee. I.T. van der Veen will follow him up as vice chairman.

Still (three) new members for the program committee have to be found.

E.M. Gommer and M.E. Toxopeus still have some suggestions for students. Preferably new members are first year students, but since it is hard to find, second year students are also a good option.

3. Minutes last meeting January, 2021 / Minutes FC (annex)

Page 1: no remarks

Page 2: In the meantime, extra lectures for dynamics have taken place. The resit was postponed and will take place next week.

Page 3: no remarks

Page 4: As an update on the actuality program: Kees will not join, but suggested Arne van Garrel for the subcommittee.

Page 5: As an update on the digital education evaluation: E.M. Gommer will join a test run to find different ways to reach out to students/invite students.

Also, the new skill teacher is Charlotte Oude Alink. She can join a meeting later this year when she has some results.

Action points:

1: stays

120: can be removed. E.M. Gommer has talked to Chantal about this for the assessment of module 2 and will make sure it is used for module 3.

139: can be removed. The central EER states that oral exams are public, unless the EER of the program says otherwise. So, other rules on this topic can be made in the EER of ME.

M. Duyvesteijn will also look at this for the new EER.

142: stays. Some information needs to be added.

143: can be removed.

144: can be removed.

Other action point: Chantal is in contact with Sipke Hoekstra for feedback about his canvas site, lecture slides etc.

4. **VU semester 1 evaluation + student results**

P.C. Roos presents the evaluations and the student results from the VU program.

SEM1: 58 students, 10 dropouts seen for SEM2.

The results (pass/fail statistics) are quite steady. There are improvements experienced in contrast to last year.

There is positive feedback received on the courses from the students. But more attention is required for the course Statics and Manufacturing 1.

SEM 3: 38 students (40 enrolled).

Some results are a bit low. Only the course project & skills includes group work, so it is possibility in this case that a whole group failed.

This semester is overall seen as stressful.

It is mentioned that the statistics are quite similar with the UT statistics.

The attendance is sometimes a problem, but this can be because of the online teaching and maybe work stacking up from failed courses or skipped lectures. This is supported by student members of the committee.

There are also difficulties with the visits to Twente. And next to that, the VU scheduling is less flexible for changes, which caused some confusion when last minute changes were needed (for example because of a press conference).

Minor from the VU: 8 enrolled students is a minimum requirement and 16 is the maximum for this minor pilot.

The pilot is only restricted for UT/VU ME program, but after that the goal is to open up for other programs as well. It is likely that it will be restricted for certain programs. But there still has to be thought about if the minor is going to be bigger after this year and how.

P.C. Roos leaves the meeting at 9:45.

5. **Master renewal evaluation**

A.F. Heutink made an overview for the different specializations of the Master program. The expectation is that the Aeronotics specialization will grow. The Personalized health technology specialization can still be improved.

A new master in Robotics is being set up at the UT. That would mean that this specialization will be shut down. Same is for the EE master specialization. But our program does not want to remove it yet, but rather decide after few years if it can be removed or not.

E.M. Gommer wants to first look at the developments around the new master instead of removing our specialization already.

The Robotics master will start this year.

6. **Actuality programme subcommittee**

There is another member, so a first meeting has to be initiated.

B.R. van Eijk will initiate the first meeting.

7. **Cum Laude regulations**

The idea of the new program directors is to make the regulations more similar among programs. And so also the cum laude regulations.

ME is scores a bit low on cum laude students and has quite strict rules. Usually around 10% of the students graduates cum laude and ME is below that.

The ME regulations do not specify anything about the resits allowed.

Master:

The committee wants to remove the resits as the master consists mostly on projects so there is no resit.

The completion of the master can be changed from 2 yrs + 10% to 2.5 years. M.B. de Rooij says this delay usually is a result of students following certain courses over the year. E.M. Gommer thinks this will the most difference in the amount of students graduating cum laude.

The MSc thesis will change from 9 to 8.5.

It is important to know if it is a weighted average or an average. And if it includes the internship and the MSc assignment, because these will influence the grade a lot because of number of ECs. And further, the courses are mostly all 5EC, so a weight would not have an effect.

The rules about two grades lower than 7 and the thesis work finalized within 120% of the nominal period can be removed.

Bachelor:

The student is now dependent on others with group projects, but as cum laude is an individual accomplishment, it should depend less on project grades.

Make the BSc assignment grade from 8 to 8.5

The study delay should be equal to the master, so 6 months delay. Some exception can always be made, for example with a board year.

A transitional arrangement should be made for the coming year.

8. **Matlab -> Python in education**

The idea is to replace Matlab with Python. Already multiple members of the program committee are in favor of this idea.

But it can cause difficulties with the program, as many modules use Matlab. It therefore should also be discussed with the teachers that use Matlab.

This subject will be put on the agenda for next meeting for further discussion.

AC: E.M. Gommer/A.F. Heutink: find out how many and which courses use Matlab (or use programming).

9. **Any other business**

E.M. Gommer announces that it is advised to improve the final qualifications about the bachelor and master program, because they are very general now. There will be meeting about this topic.

E.M. Gommer is joining a leadership course: Leergangonderwijskundig leiderschap. She will start a project on the subject of international students.

The last announcement is that there is a new E-learning expert: Jolanda van der Kooij.

10. **Subjects next meeting**

11. **Closure**

The chairman closes the meeting at 10:30.

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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		
142	To get statics on grade for Masters' students	25-11-2020		A.F. Heutink
145	Find out how many/which courses use Matlab	03-03-2021		E.M. Gommer A.F. Heutink