

UNIVERSITY OF TWENTE.

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Date: 13-06-2018

Present:

Chairman: dr.ir. H.J.M. Geijselaers
OLC-members: F. Krekt, M.P.A. van Bergen, B.R. van Eijk, R.A.J. Elshof, J. de Groote,
10 S.R. Sewmangel, ir. E.E.G. Hekman, dr.ir. M.B. de Rooij,
ir. M.E. Toxopeus, dr.ir. E.T.A. van der Weide, L. van Dijk
Evaluation committee: A.J. Knijnenburg, H.J. Kruize
Permanent guests: L. van Dijk, drs. E.M. Gommer, dr. G.G.M. Stoffels
Minute maker: J.S. Smink
Absent with knowledge: dr. M. Shahi, mw. K.G.M. Braakhuis, dr.ir. J.B.W. Kok

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Report 240th Education committee 13th June 2018

1. Opening

The chairman opens the meeting at 9.34

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2. Evaluation Reports

Module 3

Project: mostly covered the content of the subjects. The project description was not on time.
Students did not like the question hours.

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Modpro 3: students thought that the exam wasn't representative. However, the teacher explained that it had been announced that one chapter would be more important than others.
Math D1: people would like to have a paper test instead of a computer one.
LCA: students would like to have a reader to study at home.

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Module 7

Project: Project is difficult, has a high work load and tutors do not have much time left in order to help the groups.

Ethics: Students find the subject useless.

The workload of het module has been looked at.

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Module 11

In general: the study pressure is too high. Students also ask for more example exercises, which is a returning issue.

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Systems Engineering: The key points of every lecture were not very clear. The testing of the subject by an essay is fine.

Production management: study pressure is low, practicums were good.

FEM: There were too few licences of Ansys available, which resulted in problems during the practicums. Therefore, there should be more licences for next year, also with regard to the increase of students.

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Project: Was quite easy to pass, however, students find the groups too big. The whole part requires some extra attention.

Statistics: There were many typo's in the study materials. The quiz (like in previous year) would be a good idea to reintroduce.

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Preparation bachelor assignment: Sometimes the description of the assignment is not very clear, and students cannot always start early. This depends on the supervisor.

Societal embedding: There is not always a good relation between the bachelor assignment. It is said that the teachers of this course have already begun redesigning the course, as well as ethics in module 7.

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Design Production and Materials

The study load was a bit low. Solutions have been discussed.

Energy storage

Students are positive but asked to split the course into more parts, in order to get more in-depth knowledge of several subjects.

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Linear Solid Mechanics

Study material (reader) is still in Dutch, whereas the English book is not sufficient.

The possibility of mentioning the pass/fail ratio on the reports of the master subjects was discussed.

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3. Minutes 238th OLC-meeting

Line 59: scrap "maybe".

It was suggested that the action points may be put into agendapoint 3, in order to have an overview.

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Action points

80: not yet done

79: done

78: not yet done

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82: not yet done. It is still not there

83: there will be a next round and is skipped now

4. Announcements

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Update VU-UT curriculum

No news about the VU-UT.

Master Renewal

Working on it.

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Pre-registration

Still the same, 200 students are expected. Expansion of the workplace with machines and employees is in progress. There have been talks with new staff members. Furthermore, there are also a lot of premasters, about 50.

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5. EER

BSc ME (Guideline EER, cannot be changed)

Nothing of the guideline can be and has been changed.

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BSc ME (Programme specific part)

There were some small notes of change:

Names of the mathematics courses are changed from Math A, B etc. into Calculus A, B etc.

In module 1, Math A is replaced by a course 'Twente Introduction Mechanical Engineering', given by R. Hagmeijer. This course is also related to mathematics.

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The most important change in the EER is the pass/fail regulation. Last year, it was possible to redo one course instead of the whole module, whereas there was no compensation rule. As this was too strict, it is changed. Students can have now one grade between 5 and 5,5 in one year. This holds for the module courses. Drs. E.M. Gommer and Dr. G.G.M. Stoffels will look into the pass/fail regulation of the EER in order to clarify it for the BSA, and students as well.

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The meaning of "coherent" in the EER was discussed. There are still questions about what "coherent" is in the modules. A definition will be looked for.

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The language in part R has to be changed from Dutch to English.

MSc ME

There are mostly some changes in numbers and ordering.

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The intended learning outcomes were found to be rather specific in cases of the subdisciplines.

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Page 10:

It is not clear how a graduation professor is defined. Nowadays, it can not only be a full professor, but also an associate professor.

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125 Article 4.2.4: The sentence "Thereafter it is sent (with signature of the student and the specialisation coordinator) to the Education Affairs Office (BOZ) or sent together with an accompanying e-mail from the specialisation coordinator to BOZ." should also put in here, such as in article 4.2.3

Article 4.3.1: The sentence has to be clarified, it is not clear now.

Article 4.4.7: becomes: "... Office uses the international names of the courses ..."

130 Article 4.6.2: becomes "... programme has been completed."

Article 4.6.4: include that the graduate professor can delegate to staff member in the department.

Article 4.6.6: The list of assessment criteria is being made now. This will be ready before 1 September.

135 Article 5.1: The rule that a student must have finished all courses before starting the master graduation assignment is new. When having a good reason, exception can be asked at the Examination Board. Further, there was a discussion about the exact formulation of the requirements for starting the master graduation assignment.

140 Dr. G.G.M. Stoffels will talk to K.G.M. Braakhuis about the formulation of article 5.1.

Article 7.3: becomes: "The Programme Committee annually assesses the way in which ..."

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145 Appendix 1.12: There was a discussion about feedback and subgrades for the master graduation assignment, whether to send it or not to the students. The conclusion is that BOZ has to make a copy of the feedback form and send it together with the grades to the graduating student.

150 Members of the graduation committee point 3: becomes: "At least one member comes from the permanent academic staff of the UT outside the chair where the student does his graduation work."

Referring to the changes discussed in the minutes, the EER can be approved.

155 **MSc SET**

There were some questions about article 2.3.

160 Article 4.4: There was a discussion about the EC's for the two masters. It turned out that it was not clear how to obtain the total amount of 180 EC. In general, 15 EC of shared courses between the masters have to be chosen. If you do 15 EC of shared courses, then you can say that 15 EC actually counts for the 60 EC SET courses and it counts for the 60 EC of the other master. So, you need to have 15 EC of shared courses. This should be formulated in article 4.4.

165 Article 5.1: same discussion as in the MSc ME EER article 5.1. The difference with ME is the part about the internship: the internship report has to be submitted before starting the master assignment. Otherwise, students may start with the master assignment without handing in the internship report or even without doing the internship. But on the other hand, it also has to be prevented that students have to wait on the mark of the internship. Therefore, article 5.1 has to state that the master assignment can only be started if the report of the internship is submitted. This should also be put into the EER of MSc ME.

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6. Quality Agreements

175 There has been a discussion with Industrial Design and Civil Engineering about facilities and teaching quality, where we as ME are on the same line. The results can be seen in the document of Quality Agreements. It is a list of things where money goes to (it is not a final version). In the final version, an introduction should clarify that it is about where the money is meant for.

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From the central office, the agreements will be translated to faculty level. Also, there is some central committee that wants to monitor whether the procedure is done correctly. This will be bottom-up. Therefore, two members from the OLC are wanted for this focus group. Possibly a staff member and a student.

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- 7. Educational business**
Master Renewal
Curriculum change MSc ME
Extra re-sits/progress first year students

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- 8. Any other business**
Because of lack of time, points 7 and 8 of the agenda were not discussed

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- 9. Closure**
The chairman closes the meeting at 11.14

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<i>Finished action points</i>				
	Action:	Introduced on:	Status:	To be completed by:
69	Find someone to assist the evaluation committee in rewriting the evaluation manual.	07-02-2018	Not done yet	Drs. E.M. Gommer
70	Contact J. Kemna to ask if the evaluation reports can be put on the intranet.	07-02-2018		Drs. E.M. Gommer
71	Determine whether there are regulations demanding public publication of the evaluation reports.	07-02-2018	Done	S. Ruiter or successor
76	Find a neutral guide to help the committee writing the student chapter.	07-02-2018	Done	Drs. E.M. Gommer
78	Talk to Prof. Schippers about improving the tribology course which has had the same recommendations for the last few years	14-03-2018	-	Drs. E.M. Gommer
79	Talk with dr. ir. E.T.A. van der Weide about the prerequisite knowledge for NMME and the hours required for each task.	14-03-2018	Done	Drs. E.M. Gommer
80	Invite M. Dohmen to the next OLC meeting.	14-03-2018	Done	Dr. ir. H.J.M. Geijselaers
81	Present results of the research on cumulative testing.	14-03-2018	-	E.M. Gommer

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<i>Action points</i>				
	Action:	Introduced on:	To be completed on:	To be completed by:
41	Ask for FR minutes from FR	08-06-2016	ongoing	BOZ
1	Door evaluatiecommissie de vakevaluaties laten bespreken (n.a.v. OLC-377)	01-11-2001		
82	Set up a canvas site for the OLC. (some members have not been added to the sharepoint yet)	25-04-2018	Done (add missing members)	Dr. ir. H.J.M. Geijselaers
83	Send feedback on the master renewal to drs. E.M. Gommer.	25-04-2018	Not done yet	OLC (student) members
84	Talk with the teachers of FEM about the licences of Ansys	13-06-2018		Drs. E.M. Gommer
85	Have a look at Design, Production and Materials for the study load	13-06-2018		Drs. E.M. Gommer
86	Look into the pass fail regulation of the EER of BSc ME in order to make it clearer toward students.	13-06-2018		Drs. E.M. Gommer and Dr. G.G.M. Stoffels
87	Talk to K.G.M. Braakhuis about the formulation of article 5.1 of the EER of MSc ME	13-06-2018		Dr. G.G.M. Stoffels

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