

Date May 16th, 2017

Minutes of the 119th meeting of the OLC-IT

Present: Bolding, Boschma, Hartvelt (minutes secretary), Havinga, Heerlien, Heijenk (Programme Director), Heijnen, Huisman, Kortstra (10:50), Van Grinsven

Molenkamp cancelled

Kortstra has cancelled due to drivers' ed but will join later (11:15)

Boschma is ill

Bolding is absent (11:37)

There is a student from the honours track present who attends some of Huisman's activities as part of her 'personal pursuit'.

1. Opening and determining agenda

The chairman opens the meeting at 10:46. There are no additions or changes to the agenda

2. Announcement PD

The master ROMP TER has been accepted the last meeting. There are a few small changes that do not have to be discussed. There are two larger changes:

- The regulations about grades only being valid for 6 years have been scrapped due to this not being allowed under Dutch law.
- A paragraph has been added about the evaluation of courses. Another small addition will be made stating students can request course evaluations through the teacher or the OLC-IT.

The Bachelor ROMP TER has been finished last week. In the following weeks, the TCS part of this OER will be constructed. The next OLC-IT meeting has been pushed a week forward to accommodate this process, so the Bachelor TER can be discussed in detail during this meeting.

The presubscriptions for the master show a small growth. However, it is uncertain how many of those people will actually come to Enschede, so we cannot draw many conclusions from this number. The presubscriptions for the bachelor show a large growth. The PD reckons there will be roughly 150 first year bachelor students next year, give or take 20.

3. Incoming/Outgoing correspondence

There is no incoming or outgoing correspondence worth discussing.

4. Minutes & Actions points of the 118th PC-IT meeting d.d. April 11th, 2017

A number of changes to the minutes of the 118th meeting are proposed:

Page 3 Line 12: "modules" should be changed to "minor modules"

Page 1: Line 18: This sentence has not been finished yet.

Page 3: All instances of "Huisman" should be changed to "Curriculum working group".

Page 3: "Huisman mentions the course is not really relevant for students who do not graduate specifically in IT" should be changed to reflect that she mentions that it can be relevant for people who don't do software technology.

Page 3: "automatic reasoning" should be changed to "automated reasoning"

Page 3: "The plan is a bit vague" should be changed to reflect that there wasn't a plan yet, there was just mentioned that a plan was under development.

Page 3: "Additional document" should be changed as it is unclear what this is about. The OLC speculates about this being an extra course not mentioned in the meeting documents. The name of the course should be mentioned.

The actions are discussed as follows:

- 179: Remains on the list
- 264: The deadline should be changed to July 2017.
- 265: Remains on the list
- 266: This action can be scrapped as it is a continuous concern. Attending the meetings is necessary to keep up to date about the regulations for the OLC. Padberg mentions that one of her colleagues has drafted up a handbook at the BMS faculty. She will request this handbook to discuss it at the next OLC-IT meeting.
- 271: Done
- 272: Done, the course will be taught.
- 273: This will not be further discussed in the general TER. As such, this should be addressed in the specific TER.
- 274: Done
- 275: Is on the agenda for today
- 276: Remains on the list

5. Master CS and IS&T

The feedback from last time has been taken into account in the new document. The new description of the advanced network security mentions a 50% overlap with the course internet security and will be scrapped as an elective for the security master as a 50% overlap is not acceptable.

There is some feedback from the working group:

Cyber Security:

- There is a question about whether the cyber security master can be done completely in Twente. However, Security & Cryptography as well as Cyber Risk Management are courses in Delft.
- There is the question whether the sociotechnical course Cyber Risk Management should be a 'core' course. However, the PD mentions the decision has been made to only have technical courses in the core.
- the presentation of 'Specialisation Advanced Courses' within the document makes it seem like it is a course. This should be changed to reflect the actual situation.
- There is a lot of choice within cyber security. This is mostly due to the electives from Delft. The OLC-IT agrees not all these choices have to be in the TER as they are covered by "further CS courses". There should be a list of all the possible courses, however.

Software Technology:

- Automated reasoning should be scrapped from the document under Software Technology as the course will not be taught this year.
- It should be clarified it is mandatory to make a choice between the design orientation and the research orientation. A student can do both orientations, but has to do at least one.

Information Science & Technology:

- The name network security should be changed to internet security

The name 'grafentheorie' should be changed to graph theory throughout the document. There is a discussion about whether this course is already taught in English. The PD will research this.

Overall, the feedback from the working group on the document is positive. The current version should be relayed to the people responsible for each track so they can form their own opinion about it. Furthermore, the scheduling team wants to know which courses remain and which courses will cease to exist next year, as the scheduling for the first quarter should already be in progress. The PD will communicate this.

6. Master Courses

Name change Mobile & Wireless Networking 1&2:

The 1 can be scrapped and the 2 will be changed to “ad-hoc networking”. This is a new course with a new name, and thus a new course code. The working group is positive about this change.

Name change Network Security to Internet security:

The working group is positive about this change.

Update advanced network security:

According to the working group, there is no need to discuss this.

Update blockchain and distributed ledger technology:

The working group is positive about the changes. There is a risk about the students getting lost in the theory so the professors should monitor the students during the project phase. As the tempo of course is high, the students should be actively involved by the teachers of the course. There is a discussion about the possible overlap about the security aspect of this course. However, there is no direct reason to assume this, so the OLC-IT disregards this. According to the document the course is graded from 0-10. As this is not allowed, it should be changed to reflect that the course will be graded from 1-10.

Update cyber data analytics:

The working group questions why there are no recordings of the course as there are already telelectures and recording them would not be much extra effort.

Update programming principles, patterns and processes:

There is no information about the weight of all the different parts of the course. There is a discussion about the possible overlap with the software management course. Overall though, this is an improvement over the previous version.

The chairman mentions he thinks the name of the course is very broad. However, the name reflects the contents of the course and the OLC agrees it should not be updated.

Update systems security:

The working group thinks the course scheduling is messy. They are okay with the development of the course but want a full version of the course information during the fall.

New course advanced networking:

The OLC was notified this course is part of Embedded Systems. As it could be an elective for Electrical Engineering, this should be communicated with them. The definition “during the first weeks of the course” should be more precise. After a short discussion it is clear the idea is that the students discuss eight articles in three weeks. This should be explicitly specified in the course information. The same changes should be applied to the ad-hoc networks course, as that course information is a copy of this.

New course Information Theory & Statistics:

The document doesn't mention in which quarter this course is given. The PD mentions this decision has not been made yet. There is some information missing about the assessment. It is unclear when the assessment is exactly, and whether it is individual or group work. The fact that the teacher checks the final attainment targets of the course programme is regarded as a good thing, but should be scrapped from the course information.

New course Internet of Things:

There is no information about the teacher. This should be added to the course information. The relation between this course and security services for the IoT is unclear. There is a possible overlap. There is a discussion about the parts of this course about the hardware already being discussed in Electrical Engineering. All these concerns should be investigated.

In the components of the course there is a lot of attention for academic skills. The chairman mentions this is relevant for master students as these skills are not discussed in the bachelor. There is a 50/50 distribution between academic skills and knowledge. This should be clarified in the course description.

New course Probabilistics Programming:

The working group thinks this is a good addition to the course schedule.

Information about the weight of the assessment should be added to the course information.

Currently there is only recommended material for the course, and no compulsory reading material.

There is a discussion about whether the course should be given yearly or every two years. The PD will discuss this with the teacher.

New course security services for the IoT (SSI):

There is a discussion about the relation with the course about Internet of Things. It is unclear whether the title of the course reflects its contents, as there seems to be a large focus on smart homes. The number of students is limited to 10. There is a question about how that will be achieved and whether we want a limitation, and, if we want a limitation, if ten is not too few. The focus seems to be on reliability, not security. This should be made explicit in the text.

Padberg mentions she will relay all the changed discussed above to the teachers of the courses.

7. A.O.B.

There is no further business.

8. Conclusions

The chairman closes the meeting at 11:47.

Actions:

#	Meeting	Action	Person	Deadline
179	March 2015	Biannual overview of study and evaluation results	Heijnen	September / March
264	December 2016	Find a solution for the premaster/bridge problem	PD	July 2017
265	March 2017	Check whether there is a correlation between the grades for Q2 and the algorithms pearl in Q1	Huisman & Heijnen	September 2017
276	April 2017	Make a plan for the already started master students due to the master rationalisation	PD	May 2017
277	May 2017	Request the BMS handbook about OLC regulations	Padberg	June 2017
278	May 2017	Research whether the course 'grafentheorie' has already been updated to be in English	PD	June 2017
279	May 2017	Communicate which master courses will be taught next year to the scheduling team	PD	June 2017
280	May 2017	Communicate the changes to the master courses to their respective teachers	Padberg	June 2017
281	May 2017	Discuss the balance between recommended and compulsory reading with the teacher of the probabilistic programming course	PD	June 2017