



## Minutes

Subject: Study board meeting – No. 2024.4  
Date: 3 April 2024  
Minute taker: Tatiana K. Madsen  
Participants: Tatiana K. Madsen, Peter Koch, Jens Myrup Pedersen, Troels Bundgaard Sørensen, Henrik Schiøler, Heidi Sørensen, Steffen Tidou Pedersen (CE), Anders Peter Bundgaard Kristensen (ES), Mathias Lykholt-Ustrup (ROB), Marie Hastrup brisson (CCT), Ronja Katharine Pihl (PDP)

Observer:

Cancellations: Thomas B. Moeslund, Julie Holm Bengtsson (CYBER)

## Agenda

1. Approval of agenda
2. Approval of minutes from meeting in March 2024
3. Semester evaluations – Fall 2023. Part 2
4. Semester group meetings minutes – Spring 2024
5. Request for change in ROB master Project-oriented stay in a company module
6. AI in educations: further steps
7. Messages
8. A.O.B.

## Minutes

### **Ad. 1. Approval of agenda**

Agenda was approved.

### **Ad. 2. Approval of minutes from meeting in February 2024**

With minor corrections, the minutes were approved.



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### Ad. 3 Semester evaluations – Fall 2023. Part 2

A number of semester evaluation reports for last semester have been received by ESN. They have been discussed during the meeting and the following observations have been made:

**ESD1:** no attention points for ESN

**ESD3:** this is the first time the semester was running under the updated study regulation. “Algorithms” course was got critics: 1) on teaching style and approaches chosen by the teacher; 2) on content. ESD students has had courses that would directly have a link to the project theme of semesters. Previously, this course was taught only for COMTEK and CCT. A better link to ESD education is needed for the students to see its relevance.

**Action point:** to discuss with the course holder critics and agree on the ways improvements can be made. **Responsible:** TKM

**COMTEK3:** this is the first time the semester was running under the updated study regulation. “Algorithms” course got some critical remarks on the teaching style. The course content has a good fit into the education. Also see under ESD3. BCE course has had low passing rate and got some critical comments. This has also been discussed during the meeting in March and the necessary actions are already started.

**EIT5, COMTEK5:** no attention points for ESN. Signal Processing course again this year got very positive feedback from the students and students write that the course holder is committed, inspiring and can explain very difficult subject in understandable manner. Additionally, PBL workshop on the 5<sup>th</sup> semester got positive feedback: the topic was telling how the things were working in “the real world”.

**COMTEK5:** the students were questioning whether OOAD course placement on the 5<sup>th</sup> semester is too late. In the updated study curriculum it is placed on 4<sup>th</sup> semester; however it is unclear whether it will do a significant change.

**Action point:** to make COMTEK education group aware of it. **Responsible:** TKM

**ES7:** due to 4 courses + 10 ECTS project structure of the semester, the students experience high exam load. One of the exams were moved to December, however it was one of the elective courses. Students suggest that an exam of one of the obligatory courses is moved to December.

**Action point:** to clarify possibilities with exam scheduling. **Responsible:** HSO, TBS as ES coordinator

**ES9:** students would like to have more information on how to write an internship report. This information is already present in the internship document available on ES/EDUCATION pages.

**Action point:** to put the document on moodle pages of 9<sup>th</sup> semester to make it more visible for the students. **Responsible:** study team, TKM

**CE7, CE9, ROB7, CYBER1, ICTE3:** no attention points for ESN

The following reports are still missing: ROB1, Cyber3.

**Action point:** to send a reminder. **Responsible:** TKM



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#### **Ad. 4. Semester group meetings minutes – Spring 2024**

Minutes for the following semesters have been discussed during the meeting: ROB2, ROB6, COMTEK4, ES8, Cyber2, ICTE2. There are no attention points for ESN. One can remark that the Competence workshop done at CPH campus got negative feedback from the students (some students were calling it useless ), while at AAL campus the feedback is neutral.

The following topics have been also discussed:

**Participation of course-holders and supervisors in semester group meetings.** Previously, it was common that the teachers are also participating in the meetings; however the current practice is that there are only a coordinator of a semester and students representatives. Both variants have its advantages: the first one allows to receive quickly feedback from a course-holder on the students comments and thus clarify the raised issues quickly; however the presence of a teacher can prohibit students to express their opinion about a course openly. The second approach allows students to be more free in providing their feedback. Since there is no clear advantage of one approach over for another, the Study Board does not recommend one of them, but leaves it up to a coordinator to select an approach that works best for a particular semester.

**How to ensure that groups give thoroughgoing status on their projects during semester group meetings?** From some minutes one can observe that the item on the agenda on the project status becomes superficial, and many groups would just say “it is going ok”, while some challenges could be experienced. On the earlier semesters status seminar events help to overcome this problem; however on the later semesters it is not always possible to hold such seminars. During the meeting it has been decided to implement a solution that is practiced at other educations and that was recently tried at ES8: students provide a written status on their project before a meeting to a coordinator.

**Action point:** to design a template for project status. **Responsible:** Anders

#### **Ad. 5. Request for change in ROB master Project-oriented stay in a company module**

Elite Robotics Summer School is organized every year by SDU (<https://robotelite.sdu.dk>) . 5 places are reserved for AAU students. For AAU's students (ROB8 students) to participate in this summer school for free, there should be made a credit transfer. Currently, in ROB master curricula a POSC module is 30 ECTS, and it means that if a student would like to attend the Summer school, he/ she can not do a 30 ECTS internship on the 9th semester. To overcome this limitation, TKM has presented a suggestion to include an option for a 25 ECTS POSC and a 5 ECTS course for ROB9.

**Conclusion:** adjustment in ROB master curriculum has been approved by the Study Board.

**Action point:** prepare application and send it to the faculty. **Responsible:** HSO

#### **Ad. 6. AI in educations: further steps**

Students representatives at ESN has presented their findings after speaking with students from different studies about their use of generative AI, associated problems and challenges. This is summarized in the following:



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- Currently, students at ESN educations are using generative AI tools for:
  - Simple scripting
  - Debugging
  - Code explanation
  - Generation of text for inspiration
  - Proof reading of text
  - Explanation and understanding of concepts
  - Producing possible questions for oral exams and project exams
  - Instead of google
  - Make a report structure
  - As a sparring partner
- Students are using common sense to verify the output and have healthy critical attitude towards output
- Courses in AI (such as Machine Learning and Deep Learning on master educations) help to have a deep understanding on how generative AI work
- In some courses teachers were using AI-generated code examples to show possible pitfalls
- Generally, students feel that they miss information on how to use generative AI; what is allowed and what is not; can it be a plagiarism?
- Large variation in students skills in using generative AI: from beginners to experts

The following wishes have been identified:

- To remind students on AAU policies and available sources
- To have micro credentials/ online resources on Prompt Engineering
- To include information about generative AI in PBL course or similar, since it can be considered as a part of information search and using different tools to assist in studying/ project work, and it can be considered as a part of digital learning environment.

Mathias has given a presentation on DS/ISO/IEC 42001:2023 standard "Informationsteknologi - Kunstig Intelligens - Ledelsessystem".

**Further actions:** TKM will prepare a draft for ESN answers on the questionnaire . It will be presented during next meeting and discussed.

#### **Ad. 7. Messages**

- TKM has presented the current numbers for applications on ESN educations
- Mathias has been with a visit at HTX Aalborg

#### **Ad. 8. AOB**

None



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