



## Minutes of meeting (2023-05) in the Study Board of Build, Energy, Electronics and Mechanics in Esbjerg 16.05.2023

### *Present:*

Matthias Mandø (MMA) (Chair), Daniel Ortiz Arroya (DOA), Morten Eggert Nielsen (MEN), Basira Khaksar, Rokas Sukauskis, Mads Pagh Nielsen (MPN), Anette Larsen (ALL) (secretary)

### *Absent:*

Rokas Sukauskis (APEL2), Visnu Ritesh Vijayakumaar Palanisamy (AIE4), Basira Khaksar (B6)

### *Copy:*

Sara Lindberg Hildebrandt, Britta M. Jensen, Anne Linde Poulsen, Pia Vestergaard Jensen, Christian Winther Dissing, Mads Pagh Nielsen, Tamas Kerekes, Gitte Hageman Christensen, Head of department, Rikke Steensbæk.

*Minute taker:* ALL

## Agenda

1. Approval of agenda
2. Approval of minutes of meeting 20.04.2023 and 03.05.2023
3. Follow-up from last meeting, 20.04.2023 and semester evaluation meeting 03.05.2023
4. General announcements
5. Accreditation, Mechanical Engineering in audit trail 2
6. Minutes of semester group meetings
7. Study programme revisions
8. Approved exemptions and merits
9. Teacher of the year
10. Exam plans (for your information)
11. Items for next meeting's agenda
12. AOB

## Minutes

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

Agenda approved.

Please note:

- We have received some last minute semester group meeting minutes.
- The minutes from 03.05.2023 are not ready.

### **2. Approval of minutes of meeting 20.04.2023**

Minutes approved.

### **3. Follow-up from meeting 20.04.2023**

**Action points, incl. responsible people – Study board meeting 20.04.2023**

MMA to contact IT Support regarding guide on how to connect Teams.



MMA has talked to ITS: There are online guides available. ITS does not want to print out physical versions. The study board takes this into consideration.

#### 4. General announcements

MMA informed the study board about the ongoing accreditation process and the DRU meeting held two weeks ago.

##### DRU meeting – 9 May 2023

###### Replacement for ITX Flex

There is a new tool, Safe Exam Browser, that can be used instead of ITX Flex. According to MPN you can use Office, MatLab. The new programme does not require post-processing like ITX Flex. It is important that the student knows the tool from the start of the semester in order to get used to it.

###### Survey about students' wellbeing

Would we like to participate in the second part of a survey? We will discuss in more detail if this subject comes up later.

###### AAU Micro

About micro-credentials. These are made to help the students; topics where you may be struggling and to help motivate the course. Please see this webpage: <https://www.cdul.aau.dk/cdul-s-fokusomrader/produktion/aau-micro>. All these are pilot projects.

AAU Micro are not curricular activities, there is no ECTS, however you can get a small exam – multiple choice and you will get a certificate. It will not be on the diploma, but it may appear in the curriculum as “the project included this and this AAU Micro that you should complete”.

We can send the link to our students, with a note that this is early works, but we would like their feedback. ALL will coordinate with study secretaries. This information can also be included in the presentation, MMA is preparing slides for coordinators for semester start-up.

###### Kickstart (mail from Head of Department)

This is about increasing the amount of student driven activities: [Cirkelsparkeruddannelsen](#). Should we do something about this? We will leave it here and keep it open. It is not quite clear if the event will be in Esbjerg and students already have plenty of activities.

###### Offer of a ready-to-use e-learning course for implementation in the 1st semester's Moodle room for use by new bachelor students as per 28 July.

This seems like a good initiative. The new students will automatically be informed about the course in connection with their admission email on 28 June.

###### Mail from group on 4th semester

There has been a dialogue with teachers and a 4th semester group. Issue has been settled.

###### Feedback

We do not give direct feedback to students: we do not say – we heard you and we will do this and this. However, most of the time we do take action, and some kind of feedback would be good. One idea is to use the info screens, which is also done in Aalborg. This could be a small digest from each study board meeting written by the students. This could be done for at least the first meeting of the year. ALL will discuss this with Nikolaj, who tailored this in Aalborg.

#### 5. Accreditation, Mechanical Engineering in audit trail 2 - Knowledge base for students

Mechanical Engineering has been selected as one of the study programmes to be audited under the ongoing accreditation.

First, Christian Winther Dissing is collecting a lot of material about the study programme: Material related to the quality system and how we work with improving our study programmes continuously, both our interaction with industry and how our research is included as well as our dialogue with students.



Second, MMA has written a plan for the study programme: "Plan for securing the knowledge base on the mechanical engineering programme". This plan describes how AAU Energy secures the knowledge base for the bachelor's degree in mechanical engineering and ensures that the associated professional environments have the necessary expertise and up-to-date knowledge within the respective subject areas.

## 6. Minutes of semester group meetings

### AIE4

From minutes: "Signal processing is missing for the modelling and simulation course. Mechanics is out of scope of the electronics specialization. It is not even useful for robotic arm control, as that requires different kind of mechanics, not the bridge constructing one. We would rather have signal processing than mechanics. This course should cover mostly the topics related to motion control and kinematics of robotic arm".

- This is what is implemented in new study curriculum for AIE, and this should be reported back.

### Online teaching

As we have discussed many times, students prefer physical lectures rather than online lectures. All agree on this, but the university have to use this tool. We can encourage lecturers and inform about possibilities, but lecturers decide for themselves how they do it.

**Mechanics**, this has already been discussed. In Sergey's part they have some dynamics that should relate.

Nothing else.

### Control Theory, Simon Pedersen

From minutes: "Course finished already, with overwhelming pace: all lectures in one month and it is a lot of new information". Teacher wrote a comment that it was actually spread out over 2 months. No further action.

### AIE 6

**Mechanics**, Morten Eggert Nielsen, Sergey Sorokin

Comments about online teaching and examples from book. Nothing wrong with explaining examples from book, MMA concludes. No action, however, Mechanics will be removed from the study programme for AIE in the future.

### APEL2

**Advanced Power Electronics and Applications** by Stig Munk-Nielsen, Christian Uhrenfeldt, Sanjay Chaudhary

Teachers should agree on one link.

## 7. Study programme revisions

MMA is uncertain how much work has been done on this subject since our last meeting 03.05.2023.

There has been a decision by the department about the course "Real time systems and programming languages":

- It will be 5 ECTS and then there will be a micro-credential included in the project.
- DOA and Mads Valentin will rewrite the description of the course.
- MMA will send the energy part of the course to DOA for review.
- Deadline by the end of this month.
- Development of a new micro-credential will be supported with some hours for the researcher by the department. Deadline for development of the micro-credential is next summer.

The civil engineering study programme (Build) will continue with minor adjustments. More concrete will be included and MMA will contact legal department (Uddannelsesjura?) about the certification.

ASKR has outlined the revised mechanical engineering study programme. MEN will follow up.



We have previously discussed whether an extra meeting in the study board is required before the summer holidays, to approve of changes. However, this is probably not necessary after all.

### **8. Approved exemptions and merits**

Survey of list from WorkZone.

### **9. Teacher of the year**

Nomination of teacher of the year is a task for the student members of the study board. ALL to coordinate: contact student members with information about procedure.

### **10. Exam plans (for your information)**

Please see documents in beem-bilag. The plans are approved by the study board.

### **11. Items for next meeting's agenda**

Please see action points below.

### **12. AOB**

Nothing to discuss.

## **Action points, incl. responsible people – Study board meeting 16.05.2023**

### **AAU Micro**

We can send the link to our students, with a note that this is early works, but we would like their feedback. ALL will coordinate with study secretaries. This information can also be included in the presentation, MMA is preparing for semester start-up.

### **Feedback/Use of info screens.**

One idea is to use the info screens, which is also done in Aalborg. This could be a small digest from each study board meeting written by the students. This could be done for at least the first meeting of the year. ALL will discuss this with Nikolaj, who tailored this in Aalborg.