

Minutes of meeting (2024-06) in the Study Board of Build, Energy, Electronics and Mechanics in Esbjerg 24.06.2024

Present:

Matthias Mandø (MMA) (Chair), Daniel Ortiz Arroya (DOA), Mads Pagh Nielsen (MPN), Anette Larsen (ALL) (secretary)

Absent:

Rokas Sukauskis, Ulisse Valeriani, Jeppe Akash Bundsgaard Sørensen, Jesper Liniger, Visnu Ritesh Vijayakumar Palanisamy (observer)

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 27.05.2024
3. Follow up after meeting 27.05.2024
4. General announcements
5. Minutes of semester group meetings (there are no minutes)
6. Exam plans for your approval (for autumn 2024)
7. Study programme revisions, including:
 - Competence profiles
 - Civil Engineering curriculum
 - Course: Thermodynamic, Heat Transfer and Fluid Mechanics
8. Discussion of procedure of semester evaluation (*postponed until next meeting*)
9. Selection of courses for early exam (*postponed until next meeting*)
10. AOB
11. Credit transfer and exemptions (confidential)

Minutes

1. Approval of agenda

Agenda approved after two items are postponed until next time, as no students participate in this meeting:

- Discussion of procedure of semester evaluation (postponed until next meeting when students are present; the item has previously been requested by the students)
- Selection of courses for early exam (postponed until next meeting when students are present)

Minutes of semester group meetings is removed from the agenda, as there are no minutes.

We note that the study board cannot make decisions, as only Matthias and Daniel are present.

A decision must be made on revisions on curricula. We will have a hearing by mail on this after the meeting and before the summer holidays.

2. Approval of minutes of meeting 27.05.2024

Minutes approved without comments.

3. Follow up after meeting 27.05.2024

Screening of dyslexia

Email to be sent to study leader and Prodean (Mads, Olav) that we are positive. We believe it should be non-mandatory.

Mail sent. Will be removed from agenda.

AIE4

- Comment about "Project and subjects should mix more. In the first semesters the focus should be more about fundamentals and understanding of the subjects and in the latter semester more time allocated on the project work. More information on how to make the project. MMA will investigate: More information of how to make the project.

Follow-up after meeting: MMA has talked to coordinator. The input in the minutes is not very concrete and difficult to act on. Will be removed from agenda.

APEL2

- Confusion about moving buildings. MMA will address this at the next section meeting.
 - Internship, confusing regulations. It is uncertain what exactly is requested. Please also note that there is a lot of information on our website. MMA will make slide with link to information about stay in external organisation for coordinators.
- Coordinator slides are updated. Will be removed from agenda.

OES2

- Timetable and lecture scheduling. MMA believes there is an issue with CalMoodle. MMA will inform teachers of issues with rescheduling on next section meeting. Will be removed from agenda.

6. Exam plans for your approval

We expected a draft of hand-in dates for next year. ALL will supply this for next meeting. See below. Will be removed from agenda.

8. Guide for online teaching

MMA has prepared a guide for online teaching to be placed with other guides and to be sent to teachers, if they have teaching in Aalborg. MMA will address the Prodean also.

The guide is approved by the study board. ALL will translate and put in the [web page](#).

Has been done. Will be removed from agenda.

10. Early exams

MMA will make a list of courses where the exam can be moved. We will take this up next time. In addition, we will let the Prodean know that the online teaching is a problem, and seems to be getting worse; as there are new technical issues every time there is a new lecturer.

Item postponed until next meeting.

4. General announcements

- **RISK to BEEM**
This is logical, as we have all the teachers in Esbjerg. This is not necessarily something that needs to be managed by Build. There will be a meeting in August, but other than that MMA does not have information. We can consider including more members in the Study Board.
- Drop out rates (see next slide)
We note that there are red figures: The number of students is very low, and therefore the percentage seems large. MMA does not believe we have a problem as such. No action will be taken.
- Hearing about update of law governing external examiners

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Rather big changes, but nothing too controversial. It has been sent to all study boards. MMA did not have comments. Legal department will read this carefully.

- Updated coordinator slides
MMA goes through slides. Please note that the CES slide is the same, it will not be moved this coming semester (as per changes to the SEE curriculum that we have previously approved).
- Looked through competence profiles for AIE and Energy – no changes
MMA has not made changes to these. They are similar, but they are fine as is, no further action.
- Enquiry from 'trekantsområdet' about the project "[Fremtidens grønne helte](#)" (green heroes of the future).

An organisation called "[trekantsområdet](#)" has contacted us, MMA has forwarded to ASKR. They are seeking students that want to talk about our study programmes: how they are part of the green future. This is very nice, as we have discussed various ways to get more students, also with our recruitment panel. Building bridges is key.

- Prorectors meeting – did not participate

There are four meetings every year. MMA did not participate, as this is only a physical meeting in Aalborg.

MPN adds that [the candidate reform](#) was discussed: In future, 15% of the engineering candidates must be "industrial candidates". Industrial candidates are Master's students who both study and work in a company at the same time. Study period will be three years, with 25 hours work in the company each week. There will be no "SU", but the student will be paid by the company.

Prorector is not happy about this, as the university does not believe we can attract 15 percent industrial candidates.

Could students work in any company? Yes, you need to work 25 hours per week.

We do not know which study programmes will be chosen.

MMA: I believe that we will have both the original candidate study programmes and the new industrial candidates here in Esbjerg. But the issue is that companies have to pay – the students will get no SU. MPN is worried whether we will be allowed to have the original two year candidate, and how is 15 percent calculated? Will it be based on number of students, or what?

Later we will also have industrial bachelor programmes.

- DSUR (20/06 from agenda)
 - Demographics means fewer student → more aggressive strategy for communication
 - Interesting analysis on recruitment of students
 - Sep 2024, AAU will submit prequalification for BSc in software Esb.

A report about demographics was presented; the solution to declining figures is a more effective way of communicating.

MMA would like to focus on EUX as they need the admission course. That would be a good combination for engineers.

MPN comments on analysis: 1) they only investigated students that are already here, this is a mistake. 2) they only focus on Aalborg campus and mid Jutland, and no focus on international students at all. So not a well made analysis. It was presented to department and study heads.

A central message was that Aalborg is a nice city to focus on in our recruitment; however, MPN disagrees with this strategy as we should stress that we have world class study programmes.

In Esbjerg, a prequalification for a bachelor's in software engineering will be applied for. This may be 2026 or 2027. Interesting to follow this development.

MPN states that it is important that we get involved in this; there could have many joint courses. We must find out who is responsible.

- Meeting 19-06-2024 - Revision of Bachelor of Science and Bachelor of Engineering study programmes
 - Professional BE (diplomingeniør) must differentiate from ordinary BSc!
 - Not relevant for Esbjerg (prof. BE Energy is controlled from Aalborg)

If we can work in some keywords: practical, knowledge based - that would be beneficial. Olav has said the deadline is August.

Conclusion: there is not a lot of work now as all focus in on the candidate reform. We will postpone language change until after that.

Our competitor is Sønderborg, and they have amazing success with English bachelor.

- DEA-analysis on quality on 'STEM' study programmes

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- Denmark is among the countries where STEM students have the most positive assessment of their teachers' ability to motivate them academically. 😊
- Among the STEM students, Denmark has a low middle position in terms of satisfaction with student support services. The students on STEM programs in Sweden, Finland and the Netherlands are more positive than the STEM students in Denmark regarding the experience of available student support services.
- **Head of AAU Energy grants DKK 52000 to new 3D-print facilities in Esbjerg**
DKK 52,000 for five new 3D printers in Esbjerg.
- [Webpage for AIAS completed](#)
- KOT numbers per 21.06.2024
AIE is the same level, it can still go up (until 05.07.2024), Energy not satisfying. And positive Civil Engineering seems to be back on track.

5. Exam plans for your approval (for autumn 2024)

There is a question mark in one exam. MMA will talk to study secretaries about this. Otherwise approved. Please note that CES has been moved one week. This is one time only and next year we will have it in the summertime.

6. Study programme revisions, including: Competence profiles

Course: Thermodynamic, Heat Transfer and Fluid Mechanics

The competence profiles required an update, which MMA has made.

Course: Thermodynamic, Heat Transfer and Fluid Mechanics. This is a joint course in Esbjerg, the description is now more precise.

ALL will make link to folder and ask the study board for approval as MMA and DOA cannot decide on their own.

Civil Engineering curriculum

MMA has made a number of iterations of a revised Civil Engineering curriculum after discussions with ASKR, head of department, recruitment panel and Lene Faber from Build.

MMA has revised the curriculum so that it is in accordance with the wishes of the recruitment panel and the other curricula. There are still issues which need to be clarified.

Courses for an interim curriculum for Civil Engineering

Interim Study curriculum – proposal for discussion

7

	Maskin			Byggeri			
Efterår 2024		Kontinuummekanik, rumbjælker og stabilitet	Dynamik og udmattelse			Dynamik og udmattelse	Kontinuummekanik, rumbjælker og stabilitet
Forår 2025		Kontinuummekanik, rum	Numeriske metoder				
Efterår 2025	Maskinteknik og anvendt	Kontinuummekanik, rum	Numeriske metoder	Dynamik og udmattelse	Numeriske metoder og anvendt FEM	Dynamik og udmattelse	Kontinuummekanik, rumbjælker og stabilitet
Forår 2026	Dynamik						
Efterår 2026	Maskinteknik og anvendt	Numeriske metoder			Numeriske metoder og anvendt FEM, Trækonstruktioner og byggeteknik	Dynamik	Kontinuummekanik, rumbjælker og stabilitet
Forår 2027	Dynamik						
Efterår 2027	Maskinteknik og anvendt	Numeriske metoder			Numeriske metoder og anvendt FEM, Trækonstruktioner og byggeteknik		
Forår 2028	Dynamik						

Det vil så sige at 2024 årgangen ikke får dynamik men får trækonstruktioner i stedet for

- Courses starting up before
- Courses shutting down before

- We phase out *continuum mechanics* (5sem) one year ahead and replace it with *numerical methods* (5sem)
- This allows civil can get *numerical methods and applied FEM* (5 sem) 2 years earlier
- *Dynamics* has been moved to the spring semester on mech one year ahead of civil. By starting *wood constructions* (5sem) one year ahead we avoid teaching it on both spring and autumn. However, this means that one class will not get dynamics but will have wood constructions instead. (ASK was ok with this.)



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There is no decision on this proposal today, this can be sent to the study board later for their approval.

7. AOB

Bullets for info screen. MPN and DOA agree with MMAs proposal for bullets for info screen.

8. Credit transfer and exemptions (confidential)

Survey of list in WorkZone.

Discussion about a student who suffers from anxiety. Agreement that an exemption should be granted.

Action points, incl. responsible people – Study board meeting 24.06.2024

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Competence profiles

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Civil Engineering curriculum

MMA will continue clarifying remaining issues.

Items moved to next meeting's agenda

- Discussion of procedure of semester evaluation
- Selection of courses for early exam