



Minutes of meeting (2024-07) in the Study Board of Build, Energy, Electronics and Mechanics in Esbjerg 11.09.2023

Present:

Matthias Mandø (MMA) (Chair), Daniel Ortiz Arroya (DOA), Jesper Liniger (JEL), Jeppe Akash Bundsgaard Sørensen (MA3) (Vice-chair), Ulisse Valeriani (AIE3), Visnu Ritesh Vijayakumaar Palanisamy (AIE5), Mads Pagh Nielsen (MPN), Anette Larsen (ALL) (secretary)

Copy:

Sara Lindberg Hildebrandt, Britta M. Jensen, Anne Linde Poulsen, Charlotte Slot Lolk, 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 24.06.2024
3. Follow up after meeting 24.06.2024
4. General announcements
5. Minutes of semester group meetings
6. Study programme revisions
7. Generative AI as a tool (is now allowed unless otherwise stated)
8. Supplements (procedure/when you need one or more modules in order to be admitted to a master's programme)
9. Unemployment rates
10. Discussion of procedure of semester evaluation
11. Selection of courses for early exam
12. AOB
13. Credit transfer and exemptions (confidential)

Minutes

1. Approval of agenda

Agenda approved without comments.

2. Approval of minutes of meeting 24.06.2024

Minutes approved.

3. Follow up after meeting 24.06.2024

No action points to follow up.

4. General announcements (short news)

- Lost first place as Europe's best engineering university
- Drop out rates (see next slide) – nothing to remark
- DSUR (28 aug) (DSUR is the Dean's strategic advisory board)
 - Proposal that there are four fixed days for SRP/SOP for the entire university (high school project all pupils must write)
We will await the result of this discussion.
 - Initiation of 'principles of student workplaces', in connection with the densification of both personnel and students
We will await the result of this discussion.



- DRU (05 sep)
 - Dyslexia test, offer made in connection with study start test.

5. Minutes of semester group meetings

No minutes available as the semester just started.

6. Study programme revisions


The study board have approved the proposed changes to the Civil Engineering curriculum through a written hearing. (deadline 06.09.2024).

For easy reference, this is the curriculum you have approved:

Semester	Projekttema (15 ECTS)	Kursus 1 (5 ECTS)	Kursus 2 (5 ECTS)	Kursus 3 (5 ECTS)
1	Gr. bygningskonstruktion	Calculus	Gr. Konstruktionsmetodik	Problembaseret læring
2	Projektering af etagebyggerier	Linear Algebra	Gr. Statik og styrkelære	Gr. Mekanik og termodynamik
	Projektering af brokonstruktioner			
3	Design af bærende konstruktioner	Geoteknik og fundering	Videregående Statik og styrkelære	Stålkonstruktioner
4	Projektering af betonkonstruktioner	Bygningsmaterialer, betonteknologi og -konstruktion	Last og sikkerhed	Spændbeton, elementbyggeri og interimskonstruktioner
5	Projektering af trækonstruktioner	Numeriske metoder og Anvendt FEM	Anvendt statistik	Termodynamik, varmetransmission og strømningsslære
6			Dynamik	Materialelære og materialevalg

Your approval of the interim curriculum is requested;

Please note: the course in Wood construction is not included in the final draft; it has been replaced with Applied Statistics after talks with Head of Energy



Interim Study curriculum for discussion

– proposal

6


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

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 *uApplied Statistics* (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 *Applied Statistics* instead. (ASK was ok with this.)



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About the omission of Continuum Mechanics

Background:

- The Continuum Mechanics course has received significant critique and has not been performing well.
- There have been complications due to the lack of a local expert in civil engineering.
- The course content needs to align with certification requirements in Danish, ensuring all necessary fixed elements are covered.

1. Replacement Course

- **Numerical Methods and applied FEM:** This course will replace Continuum Mechanics starting from Autumn 2025.

2. Implementation Timeline/interim period

- The changes will be implemented one/two year(s) ahead of the original schedule.
- The new courses will start in Autumn 2025.

3. Curricula to be changed via exemptions

- 2023, both Mechanical and Civil Engineering
- 2024, Civil Engineering

Conclusion:

The board approve that we apply for exemptions to the 2023 curriculums for both Mechanical and Civil Engineering and 2024 curriculum for Civil Engineering to manage the transition to new curricula.

ALL, MMA will prepare application for exemptions.

7. Generative AI as a tool (is now allowed unless otherwise stated)

- Generative AI is now allowed unless otherwise stated.
- Recommendations on its use and communication to students.
One recommendation is that AI is allowed, unless it is specified that AI is not allowed
Information to be sent to everybody before next exams, in the shape of a message in Moodle. The message must also emphasize that plagiarism is to be avoided as well as the proper use of AI tools for coding and spelling checks.

8. Supplements (procedure/when you need one or more modules in order to be admitted to a master's programme)

- Conditional acceptance and course completion within the first year.
If you are accepted for the master's degree in March, you can begin taking extra courses at that time. According to MPN, Head of Studies, there is no issue with students only being able to register for a limited number of ECTS, as is the case when AAU students are conditionally admitted, when they are missing 1 or 2 courses. However, clarification is needed on the flexibility of supplementing courses over the first year.
- A procedure for students needing supplementary courses must be defined. MPN will call a meeting in May before the next round of evaluations (of next uptake).

9. Unemployment rates

Unemployment rates are still looking good.

10. Discussion of procedure of semester evaluation

Background:

We have semester group meetings, semester evaluations and Survey Xact evaluations.

MMA finds that the semester evaluations are often a repeated critique of the lecturer, and action has already been taken, i.e. issues have already been fixed when we read about them. We can try to streamline evaluations with a view to reducing redundancy and ensuring meaningful feedback is collected and acted upon



- Proposal from MMA is to let coordinators handle evaluations instead of students.
- MPN: we must have qualitative and quantitative evaluations, including qualitative evaluation of exams. We must also ask CWD
- (Follow up with CWD: It is possible to integrate qualitative exam feedback into the first regular semester group meetings and thereby avoid the semester evaluation report altogether.)

Decision:

- The studyboard support fewer evaluations since they are mainly just a repeat of already handled issues. MMA will ask CWD about possibilities.
- (After follow up with CWD, it is decided to include qualitative evaluation of exam period and all other activities between last semester group meeting (SGM) and the first SGM on the new semester. MMA will write to study secretaries and coordinator and update SGM agenda template.)

11. Selection of courses for early exam

Background:

in the new Mechanics curriculum there are four courses in both second and third semesters.

Proposal:

MMA proposes that one exam on each semester is moved to right after the lectures have ended. MMA included a complete suggest for all semester on the new curriculum.

Comments:

It was discussed if we should have a test course or implement it across all study directions and semester from spring 2025.

Decision:

Initial focus on linear algebra for early exams across multiple study directions. MMA will talk to Christian Damsgaard, who teaches Linear Algebra in Esbjerg. Linear Algebra is selected as a test case and because it is an oral exam.

12. AOB

Nothing to discuss.

13. Credits and exemptions

Survey of list from WorkZone.

Action points, incl. responsible people – Study board meeting 11.09.2024

Interim curricula – changes to be applied for

Conclusion: the board approve that we apply for exemptions to the 2023 curriculums for both Mechanical and Civil Engineering and 2024 curriculum for Civil Engineering to manage the transition to new curricula. ALL, MMA will prepare application for exemptions. See minutes above for details.

Generative AI as a tool (is now allowed unless otherwise stated)

Information to be sent to everybody before next exams, in the shape of a message in Moodle. The message must also emphasize that plagiarism is to be avoided as well as the proper use of AI tools for coding and spelling checks.

MMA to coordinate with study secretaries.

Supplements (procedure/when you need one or more modules in order to be admitted to a master's programme)

MPN to call for meeting to establish rules and procedure.

Infoscreen

No bullet for info screens this time.