

# UNIVERSITEIT TWENTE.

FACULTY ELECTRICAL ENGINEERING, MATHEMATICS AND COMPUTER SCIENCE

DATE: 14 MAY 2024

OURREF: EEMCS24/BOZ/10987/NL

## **DRAFT Minutes 189th PC-AM-meeting Tuesday 16 April 2024 15:45 – 17:15 hr. ZL 2126**

5    *Present:*                      *Members:*                      *Prof.Dr. F. P. Schuller (Chair), Dr. B. Manthey (Vice-chair),  
Dr. C. Pérez (Staff member), L.S. Lanting (Student),  
J.P. Boon (Student), E. van der Veer (Student),  
M. Snoeren (Student)*

10                                      *Guests:*                      *Drs. J. Schut (M-coordinator)*

*Absent with notice:*                      *N. Luijten (Protocolist), Prof. Dr. A. A. Stoorvogel(PD), Dr. K.  
Proksch (Staff), Dr. J. B. Timmer (B-coordinator)*

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### **1. Opening**

The chairman opens the meeting at 15:49.

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### **2. Minutes 188<sup>th</sup> meeting 27 February 2024**

#### i) Changes of the official document

Page 1                      Line 13: van der Veer

Line 39: one -> on

Page 2                      Line 62: that it

25

Line 78: content experts

Page 3                      Line 89: to -> too

Line 94: can be removed

With these changes, the minutes are approved.

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#### ii) Action points:

- 486: Can be removed from the list
- 488: Remains on the list
- 491: Can be removed from the list in favour of new point

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#### **494: Action Point (Chairman):**

Ask the PD for a new SEQ proposal sheet from the pilot project.

- 492: Can be removed from the list
- 493: Can be removed from the list

There was one meeting, a second meeting will be scheduled.

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DATE: 8 MAY 2024

OURREF: EEMCS24/BOZ/10987/NL

### 3. Decision to document evaluation history of courses

45 The committee decided to create one electronic document for each course in the Applied Mathematics bachelor and master programme in which we will briefly document any conclusions we draw from its evaluations. In particular, really important points we would like to see improved in a next edition of the course (if any) will be listed in order to be able to provide quality control.

50 The file for each course is to be maintained for the lifetime of the course. The committee will decide whether significant changes in a course warrant to start a new file. These files will be kept as internal documents of the PC-AM accessible to the members of the committee and programme management. Teachers of courses for which we recommend improvements will be informed about the precise nature of that improvement and the fact that the committee decided to consider the pertinent issue following the next evaluation.

55 The electronic platform and format for keeping the file for each course (and later for archived courses no longer in the programme) will be determined by the Vice-chair, who will also maintain these files for the current period.

60 The documentation will start with the next batch of course evaluations.

### 4. Announcements

No announcement.

### 65 5. Advice / correspondence

All items have been discussed previously.

### 6. Bachelor evaluations

- *Module 2: Structures and Systems*

70 The low response rate does not allow to draw reliable conclusions from this evaluation.

75 The use of GraspLe as an exam tool in Linear structures is critically discussed by both student and staff members of the committee. The chairman shares these concerns, but considers the concerns not significant enough to outweigh the committee's commitment to affording teachers wide freedom in their choice of approach and methods to bring their ideas to fruition.

- *Matlab for pre-masters ET*

80 Course considered to be outside the purview of the PC-AM.

- *Calculus C for pre-masters*

Course considered to be outside the purview of the PC-AM.

DATE: 8 MAY 2024

OURREF: EEMCS24/BOZ/10987/NL

- 85      - *Calculus B for pre-masters*  
The low response rate does not allow to draw reliable conclusions from this evaluation.
- *Discrete Mathematics + Intro to Math*  
The low response rate does not allow to draw reliable conclusions from this evaluation.
- 90      - *Probability Theory and Statistics*  
Course considered to be outside the purview of the PC-AM.
- *Module 3: Signals and Uncertainty*  
No actionable insights.
- 95      - *Module 7: Discrete Structures and Efficient Algorithms*  
Some criticism concerning the language used on slides will be discussed with the lecturer of the course.
- 100     - *Module 11: Electives & Preparation Bachelor's Thesis*  
Students and staff suggested that the course Introduction to PDE would benefit from more lectures.
- 105     **7. Master evaluations**  
         - *Complex Networks*  
No comments.
- 110     - *Mathematical Methods*  
Course considered to be outside the purview of the PC-AM.
- *Statistics and Probability*  
Course considered to be outside the purview of the PC-AM.
- 115     - *Introduction to Mathematical Analysis*  
Evaluation looked fine.
- *Game Theory*  
The response of the teacher is missing. No further comments.
- 120     - *Nonlinear Dynamics*  
No comments.
- 125     - *Measure and Probability*  
Almost all comments mention that the book and the exam questions were disconnected.  
This differs from the evaluation of the teacher saying that no big changes must be made.

DATE: 8 MAY 2024

OURREF: EEMCS24/BOZ/10987/NL

- *Applied Functional Analysis*

The chair mentions that the difference from last year was the mandatory weekly homework.

The teacher attributes the good exam results to this mandatory homework.

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- *Optimal Control*

No comments.

- *Deep Learning – From Theory to Practice*

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The low response rate does not allow to draw reliable conclusions from this evaluation.

- *Stochastic Processes*

No comments.

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- *Statistical Learning*

No comments.

- *Discrete Mathematics + Intro to Math*

No comments.

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- *Markov Decision Theory & Algorith. Methods*

No comments.

**8. Mastermatch OC meeting 12 April 2024, student evaluations**

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- Parallel Algorithms

- Continuous Optimization

- Discrete Optimization

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It is observed that M-AM students do not participate in MasterMath courses that are not mandatory or given by a UT lecturer. The committee finds it regrettable that this might be partly due to a disinterest of students in the offered courses. Students are missing out, since very interesting subjects that are being given. There are some attempts to improve student attendance like matching activities. Practical reasons for the very low attendance rate are the cost and time incurred in order to travel to the other universities where most courses are given. A train ticket is said to cost more than MasterMath provides in terms of financial compensation.

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# UNIVERSITEIT TWENTE.

DATE: 8 MAY 2024  
OURREF: EEMCS24/BOZ/10987/NL

## 9. Master EER, Faculty Section 2024-2025

(prospective) Article A4.5: The PC does not think a separate article (4.5) is necessary.

Article A4.4: If the pending result turns out to be a fail

It is briefly discussed on how the examination board would learn about a student finally not having passed an exam in order to decide whether internships and other courses that require passing of some exam can nevertheless be continued or not.

Article 8.9

There appears to be a retroactivity issue with Article 8.9.

Article 4.10.2 and 4.10.4

There appears to be a loophole of Article 4.10.4 in conjunction with 4.10.2.

## 10. AOB / Questions before closing the meeting

No comments.

## 11. Closure

The chairman closes the meeting at 17:25.

Next meeting: 14 May 2024

Nr	Description	Meeting	Responsible
488	Initiate conversation about the midterm accreditation with Chair.	26/01/2024	PD
491	Send an email to all committee members and guests to ask for input about the evaluation points.	27/02/2024	Chairman
493	Meeting with PC-AM members in order to further shape the collected recommendations on Beautiful Tutorials and cast them into written form for distribution.	27/02/2024	Chairman
494	Ask the PD for a new SEQ proposal sheet from the pilot project.	16/04/2024	Chairman
495	Write to the lecturer of Languages and Machines about the language used on slides et al.	16/04/2024	Chairman
496	Recommend to Programme Management to consider assigning more lectures to Introduction to PDE	16/04/2024	Chairman
497	Write to the lecturer of Measure and Probability concerning the perceived disconnect of textbook and exam questions	16/04/2024	Chairman
498	Communicate Consent/Advice wrt Master EER Part A to PD and EEMCS Faculty Board.	16/04/2024	Chairman
499	Determine a platform for keeping electronic course files	16/04/2024	Vice-chairman