

Members of the EEMCS Faculty Council  
and EEMCS Director of Education

## FACULTY OF ELECTRICAL ENGINEERING, MATHEMATICS AND COMPUTER SCIENCE

FROM  
Ronald Aarts  
T +31 53 489 2557  
R.G.K.M.Aarts@utwente.nl

DATE  
June 3, 2022

PAGE  
1 of 2

### SUBJECT

Advice from the Systems & Control (S&C) Program Committee (PC) regarding the EEMCS Master's Education and Examination Regulations (EER) parts B for the programmes Systems & Control and Robotics

Dear Members of the EEMCS Faculty Council and EEMCS Director of Education,

In their meeting of June 2, 2022 the Systems & Control Program Committee has concluded towards positive advices regarding the proposed EEMCS Master's EER parts B for academic year 2022-2023 concerning the programmes Systems & Control and Robotics.

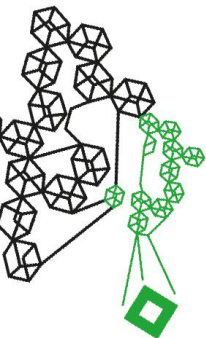
During the meeting we shared some, mostly minor, remarks with the respective Program Directors, dr. Maarten Korsten and dr.ir. Jan Broenink. In this letter we briefly summarise the most relevant remarks.

Regarding the EER-B for Systems & Control:

- In article B2.4 the name of the group “Structural Dynamics, Acoustics & Control” has been changed into ““Applied Mechanics and Data Analysis” (AMDA).
- There is confusion linked to the new course 202200112 – “AI for Autonomous Robots: deep learning and reinforcement learning”. It was assumed that this course replaces 201900097 – “Machine learning in engineering”. However, the latter course will be continued next academic year and hence references to it should be similar to the current EER-B. Instead, the new course will replace the course 201700169 – “2D and 3D scene analysis” that will be discontinued at the end of the current academic year. These remarks affect the table of article B4.4, page 8, the first note below the table, and the bottom row in the table of article B7.1, page 13.

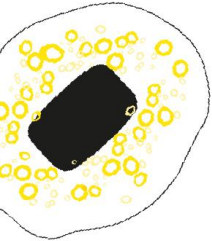
Regarding the EER-B for Robotics:

- The PC recommends to verify the consist use of the term “graduation committee” and its tasks as defined in article B.1.b. This applies (for example) to article B3.11, page 12, and the form in appendix B-III, page 20.
- Referring to article B3.4 the PC discussed the options to be offered for the elective courses. An elective course can be used to broaden the scope or to offer more in-depth insight. In the



DATE  
May 31, 2022

PAGE  
2 of 2



proposed EER-B only the latter option, i.e., deepening elective courses, is offered. The PC agrees with this proposal.

- Regarding article B4.7.1 the PC recommends to have member in the graduation committee who is really “independent” as stated in the proposed text. To avoid ambiguity, please remove the word “preferably” in the text towards the end of this article.

If you have any further concerns/questions, please do not hesitate to contact us.

Sincerely,

Prof. Sarthak Misra  
*Co-chair S&C PC*

Dr. Ronald Aarts,  
*Co-chair S&C PC*

