

Wintersemester 2026/27

Course	Practical Exercise Control Engineering (1P) PO 2024 Three experiments (Scripts partially in german language): • Elektrohydraulisches Servosystem (hs) (WiSe) • Large Inverted Pendulum (lip) (WiSe) • 4-Tank System(4ts) (WiSe)
Attendance mandatory:	Students Mechanical Engineering (ISE) Bachelor
URL of the course	https://lehre.moodle.uni-due.de/course/view.php?id=14893
Examiners	Ph.D. students/scientific co-workers
Coordination	Mateusz Szkatula, M.Sc., praktikum-srs@uni-due.de
Attestation	In WiSe26/27, the attestation will be realized by an online test in the Moodle course at the university (in presence), no exception possible. Be aware of the related room announcement. The realization will take place via: - An assignment to the group of admitted participants (prerequisite: registration at the examination office in summer and successful participation at the SD part of the practical exercise) - Temporally limited execution of the Moodle attestation You have to succeed the central attestation for the in order to participate at the labs. The attestation is only offered at the mentioned date. There is no (!) possibility to change the attestation date or to repeat the attestation in the same term. Resit of this attestation is in the first semester week of the following term. Participation at the labs without a successfully passed attestation is not possible.
Attestation date	Control Engineering: November 23th, at 8:00 am (8 zero zero) >>> to be sure check our website-based announcements
Execution of the labs	The experiment hs is held at the university in presence and in English language. The participants are grouped and assigned to fixed lab dates. A central date exchange service by the chair will not be provided, but a change-of-dates-forum is arranged in moodle. The participants are allowed to switch their appointments with another accepted student on their own risk. If the switching party does not participate, the original advised student loses the right to

	participate. The doctoral candidate conducting the lab has to be informed at the beginning of the experiment about a date's switch. All participants will be checked if their participation is accepted. Not accepted students are not allowed to take part.								
Lab dates	Not possible in this semester: Control Engineering resits: <i>First and 2nd week of the next semester, please check announcements</i> Control Engineering: November 30th, 2026 – February 5th, 2027								
Place (Labs)	hs: MB 025, 4ts: MB 028, lip: MB 327								
Lab days	Daily (Mo-Fr)								
Time	Appointments between 8.00 am - 05.00 pm								
Consulting hours	Wednesday, 8.00 am - 9.30 am, Registration via Moodle, MB 326								
Material	Moodle: PO24 Regelungstechnik Praktikum - PO24 Control Engineering Lab https://lehre.moodle.uni-due.de/course/view.php?id=14893 The password can be requested via the e-mail address srs-pw@uni-due.de. The subject must contain only the word PrCB.								
Registration	ONLY officially registered/enrolled participants (Prüfungsamt) are allowed to take part in the attestation. A deregistration (Prüfungsamt) is only possible via email to praktikum-srs@uni-due.de latest 1 week (full 7 days) before the attestation date. Nonappearance (attestation) leads to the grading fail for all three experiments. After participation at the attestation a deregistration from the entire practical exercise is not possible.								
Grading / fail	Your performance will be graded: <table border="1"> <thead> <tr> <th>Criteria</th><th>Grade</th></tr> </thead> <tbody> <tr> <td> - The attestation was successful at the first attempt and - Active participation at the labs. </td><td>1,0</td></tr> <tr> <td> Attestation failed once and successfully passed in the second attempt or - Passed attestation but passive participation at the lab. </td><td>3,0</td></tr> <tr> <td> - Attestations failed, AND - Nonappearance/delay. </td><td>5,0 (failed)</td></tr> </tbody> </table> Graded with 5,0 (failed), all experiments and the attestations have to be repeated. Grades will be reported to the examination office like other examination results.	Criteria	Grade	- The attestation was successful at the first attempt and - Active participation at the labs.	1,0	Attestation failed once and successfully passed in the second attempt or - Passed attestation but passive participation at the lab.	3,0	- Attestations failed, AND - Nonappearance/delay.	5,0 (failed)
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	The pass of the practical exercise is connected with: 1) Attestation: Each participant has to succeed the attestations for the experiments in order to participate at the labs. 2) For each student it is checked whether the requirements for participation in the attestation are fulfilled. The Moodle attestation can only be opened, if all requirements are fulfilled. 3) For verification of your identity you have to show your Student-ID, or your passport, or your Aufenthaltstitel in the beginning of the labs. If the ID cannot be accepted or is not correct, the student loses the right to participate. 4) Presence: The exercise starts exactly at the announced time. Participants who are not present until 5 minutes after start of the exercise will be graded as being "not present", regardless of reasons. Nonappearance leads to the grading fail for all three experiments. 5) Active participation at the practical experiment.
Further information	It is strongly recommended to conduct the experiments in the proposed order and terms because failed attempts lead to worse grades or failed trials.