

Wintersemester 2022/23

Course	<p>Preparatory Practical Exercise Control Engineering (1P)</p> <p>consisting of one experiment:</p> <ul style="list-style-type: none"> • Elektrohydraulisches Servosystem (hs) (WiSe)
Target audience:	<p>Participants of the courses Control Theory and Regelungstheorie (ISE Master Program, ME, Master Maschinen- und Anlagenbau, Automation and Safety – Safe Systems)</p> <p>This is voluntary course. The task of this course is to quickly learn about the fundamentals of control in frequency domain, before entering the MIMO courses of the Chair SRS.</p> <p>Participation is recommended for students - not attending the course Control Engineering from U DuE, - not attending university typical control exams like those from 'Hochschule/Fachhochschule' or polytechnicals (focussing to other topics).</p>
URL of the course	https://moodle.uni-due.de/course/view.php?id=21036
Examiner	Dr.-Ing. Daniel Adofo
Coordination	Dr.-Ing. Sandra Viehöfer, praktikum-srs@uni-due.de
Lab dates	Approximately between October 31st and November 27th
Place (Lab)	MB 025
Lab days	Daily
Time	Appointments between 8.00 am - 05.00 pm
Consulting hours	Thursday, 10.00 - 11.30 am, Registration in Moodle
Attestation	<p>You will be asked some questions right before the lab to check your knowledge, but there is no passing limit.</p> <p>It is strongly recommended to prepare for this lab by reading the manuscript and to self-learn the related material, if required.</p> <p>If you are not willing to do that, keep away and save your and our time.</p>
Material	Moodle: Preparatory Practical Exercise Control Engineering - PCE

	<p>(https://moodle.uni-due.de/course/view.php?id=21036)</p> <p>The password can be requested via the e-mail address srs-pw@uni-due.de.</p> <p>The subject must contain only the word Prep.</p>
Registration	<p>The mandatory registration has to be realized via enrolling in the Moodle course until October 23rd. Only registered participants are allowed to take part in the labs.</p>
Realization of labs	<p>The experiment is held in English language.</p> <p>The participants are grouped and assigned to fixed lab dates. A central date exchange service by the chair can not be provided. 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.</p>
Grading / fail	<p>Your performance will not be graded, but your knowledge will increase.</p>
Further information	<p>It is recommended to conduct the experiment prior to the Control Theory Lab and exam.</p>