

Sommersemester 2023

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 Maschinenbau)</p> <p>This is a voluntary course. The task of this course is to rapidly 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</p> <ul style="list-style-type: none"> - 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).
URL of the course	https://moodle.uni-due.de/course/view.php?id=21036
Examiner	Dr.-Ing. Daniel Adofo
Coordination	Jonathan Liebeton, praktikum-srs@uni-due.de
Lab dates	17th calendar week
Material	<p>Moodle: Preparatory Practical Exercise Control Engineering – PCE (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. The subject must contain the word PCE.</p>
Registration	The mandatory registration has to be realized via enrolling in the Moodle course until April 11, 2023 . Only registered participants are allowed to take part in the labs.
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>
Execution of labs	<p>The experiment is held in English language.</p> <p>The participants are grouped in teams of 4 students and assigned to fixed lab dates. A central date exchange service by the chair can not be provided. The participants are allowed</p>



	to switch their dates 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.
Grading / fail	Your performance will not be graded.
Further information	It is recommended to conduct the experiment prior to the Control Theory/Regelungstheorie lab and exam.