

Sommersemester 2019

Course	<p>Practical Exercise System Dynamics und Control Engineering (1P)</p> <p>consisting of three experiments (Scripts in german language):</p> <ul style="list-style-type: none"> • Modellbildung und Simulation (ms) (SoSe) • Druckregelung (dr) (SoSe) • Elektrohydraulisches Servosystem (hs) (WiSe)
Attendance mandatory:	Students Mechanical Engineering (ISE) Bachelor
URL of the course	http://www.uni-due.de/srs/v-ce-an1-Praktikum.shtml
Lecturer	Ph.D. students
Coordination	Sandra Rothe, praktikum-srs@uni-due.de
Attestation date	<p>Resits: April, 12th, 5.45pm, Room MC122/MD162</p> <p>Regular: June, 7th, 4.00pm, Room MC122/MD162</p>
Lab dates	<p>Resits: 16th-17th calendar week</p> <p>Regular: 25th-28th calendar week</p>
Place (Labs)	MB 323 (ms), MB 325 (dr), MB 028 (hs)
Day	Daily
Time	Appointments between 8.00am-05.00pm
Consulting hours	Thursday, 10.00 am - 11.30 am, MB 326
Skripts	Scripts for each experiment are located on the SRS homepage. Those have to be worked through until the attestation date as they are the basis for the attestation.
Attestation	You have to succeed one central attestation for the experiments in System Dynamics and one central attestation for the experiment in Control Engineering in order to participate at the labs. The attestations are only offered at the a.m. dates. Participation at the labs without a successfully passed attestation is not possible.

<p>Registration</p>	<p>The mandatory registration at the examination office <u>has to be realized in the 5th and 6th week of the <u>current</u> summer semester</u>. This registration is valid also for the lab of Control Engineering in the next winter term. A re-registration in the winter term is neither necessary nor possible. ONLY officially registered participants are allowed to take part in the attestation.</p> <p>A deregistration for individual practical labs is only possible via email to praktikum-srs@uni-due.de latest 2 weeks (full 14 days) before the attestation date. Nonappearance leads to the grading fail for all three experiments. After participation at the attestation a deregistration from the entire practical exercise is not possible.</p>												
<p>Realization of labs</p>	<p>The experiments are held in English language.</p> <p>The participants are grouped in teams of 5 students 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 (Systemdynamik und Regelungstechnik – Pflichtpraktikum SoSe19). The participants are allowed 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.</p> <p>As a rough guideline for the division of appointments the following applies: The groups are divided in order of the first letters of the surnames (A, B, C, D ...).</p>												
<p>Grading / fail</p>	<p>Your performance will be graded:</p> <table border="1" data-bbox="539 1361 1385 1854"> <thead> <tr> <th>Criteria</th> <th>Description</th> <th>Grade</th> </tr> </thead> <tbody> <tr> <td>0 failed attempt</td> <td>Both antestations (SDe and CE) are passed on the 1st attempt and positive participation in the labs.</td> <td>1,0</td> </tr> <tr> <td>1 failed attempt</td> <td>One of the two antestations was once failed, but passed at the resit date and positive participation in the experiments.</td> <td>3,0</td> </tr> <tr> <td>Ab failed attempts</td> <td>Two failures of the attestation or non-appearance/late arrival at the labs.</td> <td>5,0 (failed)</td> </tr> </tbody> </table> <p>Grading 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.</p> <p>The experiments have to be completed within one calendar</p>	Criteria	Description	Grade	0 failed attempt	Both antestations (SDe and CE) are passed on the 1st attempt and positive participation in the labs.	1,0	1 failed attempt	One of the two antestations was once failed, but passed at the resit date and positive participation in the experiments.	3,0	Ab failed attempts	Two failures of the attestation or non-appearance/late arrival at the labs.	5,0 (failed)
Criteria	Description	Grade											
0 failed attempt	Both antestations (SDe and CE) are passed on the 1st attempt and positive participation in the labs.	1,0											
1 failed attempt	One of the two antestations was once failed, but passed at the resit date and positive participation in the experiments.	3,0											
Ab failed attempts	Two failures of the attestation or non-appearance/late arrival at the labs.	5,0 (failed)											

	<p>year (in the sequence System Dynamics – Control Engineering). Single labs of earlier terms expire. Grades are 1,0 or 3,0, or all experiments have to be repeated completely.</p> <p>The pass of the practical exercise is connected with:</p> <ol style="list-style-type: none"> 1) Attestation: Each participant has to succeed the central written attestations for the experiments in order to participate at the labs. 2) Verification of identity: Participation at the attestation is only possible if your identity can be verified. For verification of your identity you have to show your Student-ID, or your passport, or your Aufenthaltstitel at the attestation date. If the ID cannot be accepted or is not correct, the student loses the right to participate. 3) 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. 4) Active participation at the practical experiment.
<p>Further information</p>	<p>It is strongly recommended to conduct the experiments in the proposed order and terms because failed attempts lead to worse grades or failed trials.</p>