

Wissenschaftliches Arbeiten in der Elektrotechnik - Vertiefung - Schaltungstechnik

- T. Meister (tilo.meister@tu-dresden.de). Version: 14.10.2026. Modifications possible, please [check](#) regularly.
- Classes are on **Thursdays, 4. DS**, at 13:00-14:30 in **Room SCH/A252/U**
- Assistant & Tutor: Lautaro Petruskas (lautaro.petruskas@tu-dresden.de)
- HISQIS **registration** (Ellinger, Frank) **no later than 19.1.2026 required** to take exam

Schedule:

Date	Content	Responsible	Comment
15.10.2025	Introduction Oberseminar Schaltungstechnik: Overview, Target, Content, Schedule, Topics	T. Meister, (L. Petruskas)	
22.10.2025	Tutorial - Audio Filter/Amplifier for Piezoelectric Loudspeaker	T. Meister, (L. Petruskas)	
29.10.2025	Tutorial - DC/DC Converter Tutorial - NFC/RFID Energy Harvesting Circuit	T. Meister, (L. Petruskas)	
05.11.2025	Tutorial – Scientific Publication and Presentation Overview and selection of topics and tasks for practical work	T. Meister, (L. Petruskas)	Task selection for practical work
12.11.2025	QUCS-S + ngspice Tutorial - Hands-on course	L. Petruskas	laptops not mandatory, but might be useful
19.11.2025	-		no class, Buß- und Betttag
26.11.2025	Practical work – optional consultation	L. Petruskas, (T. Meister)	appointment upon request, pref. in BAR
03.12.2025	Practical work – optional consultation	L. Petruskas, (T. Meister)	appointment upon request, pref. in BAR
10.12.2025	Practical work – optional consultation	L. Petruskas, (T. Meister)	appointment upon request, pref. in BAR
17.12.2025	Practical work – optional consultation	L. Petruskas, (T. Meister)	appointment upon request, pref. in BAR
24.12.2025	-		Lecture-free period
31.12.2025	-		Lecture-free period
07.01.2026	Practical work – optional consultation	L. Petruskas, (T. Meister)	appointment upon request, pref. in BAR
14.01.2026	Practical work – optional consultation Delivery of written assignment and simulation files of practical work	Students, (L. Petruskas, T. Meister)	appointment upon request, pref. in BAR via e-mail or USB stick
19.01.2026	<i>Deadline to enroll for exam via HISQIS (Ellinger, Frank)</i>	<i>Students</i>	
21.01.2026	Oral presentation of practical work	Students, (T. Meister, L. Petruskas)	
28.01.2026	Oral presentation of practical work	Students, (T. Meister, L. Petruskas)	
04.02.2026	Oral presentation of practical work	Students, (T. Meister, L. Petruskas)	
after 08.02.2026	Results and grade in HISQIS or at examinations office	T. Meister	Lecture-free period