

Physics I for Physicists (Thermodynamics, electricity, magnetism, electromagnetic waves)
Lecture : Thursdays 8:00-10:00, Fridays 8:00-10:00, Y-16-G-15

Professor Ben Kilminster

Prof. Kilminster's office (36-J-50) hours : (Email ben.kilminster@physik.uzh.ch for appointment)

Class web page : <https://www.physik.uzh.ch/de/lehre/PHY111/HS2020.html>

Lectures : will be on zoom, podcasted and kept on SWITCH

Questions about scheduling of exercise sessions : Matthias Hengsberger (matthias.hengsberger@physik.uzh.ch)

Teachers assistants :

Anna Macchiolo (Anna.Macchiolo@cern.ch) (English/Italian speaking) (In charge of exercises)

Arne Reimers (Arne.Reimers@physik.uzh.ch) (German/English speaking) (In charge of exercises)

Izaak Neutelings (izaak.neutelings@uzh.ch) (Dutch/English speaking) (In-class TA, script editor)

Exercise sessions groups :

Group	Assistant(s)	Room (# seats)	Time
1	Marc Huwiler/Kyle Cormier	Y27-H-35/36 (28)	Thu 13:00-14:45
2	Umberto Molinatti/Vinicius Mikuni	Y34-F-01 (14)	
3	Louise Marc/Nathan Torelli	Y13-L-11/13 (16)	
4	Yannick Müller/Karin von Arx	Y22-F-62/68 (32)	
5	Jofrehei Arash/Yanina Biondi	Y35-F-47 (9)	

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Reference book : Any introductory university physics text book. Find one that works for you. I use the following :

Tipler (Very good explanations, main text I follow)

Demtröder (slightly more advanced, but also used)

Halliday & Resnick or Young & Freedman (similar to Tipler)

Assessments : **Please register on OLAT:** <https://lms.uzh.ch/> This is how we communicate with you

Please log in immediately to access the course. If you can't, check that you are registered properly.

- 1) Exercise sessions : Thursdays, 13:00-15:00, starting Sept. 24th. You should receive an assignment to one of TAs. TAs will explain homeworks, answer questions, and go through additional exercises if time. TAs will keep an attendance list. **Note: You really have to go the exercise sessions. This is where you learn how to solve problems. In your exams, you will have to solve similar problems.**
- 2) Written exercises: every week. These will be assigned on Thursdays, and turned in to the Teachers Assistant (TA) (follow their instructions) on the following Wednesday evening 18:00. First homework assigned Sept.17, due at 18:00 on Sept. 23th. Solutions will be posted online 1-2 weeks later.
- 3) Mid-term exam : Thursday, 29. October 2019, 13:00-14:45 in assigned exercise session. Based on lectures Sept. 17-Oct. 16th.
- 4) **Final exam. Usually January, but not listed yet ... See here :** [UZH exam schedule](#)
 - a. **Eligibility to take the final exam :**
 1. hand in all written exercises
 2. receive 50% passing grade on written exercises
 3. attend most of the exercise sessions & participate
 - b. **Exam style :**
 1. Similar style to written exercises
 2. Will be in German and English
 3. Expect question similar to exercise sessions & one from experiments in class
- 5) Grade : 25% mid-term + 75% final exam (please note eligibility requirements).
- 6) Etiquette : * No laptops, phones, facebook, instagram, etc. during class (unless requested by me for polling). It's okay to film experiments, etc.