

Caltech Physics 7 — Spring, 2023-2024

http://www.sophphx.caltech.edu/Physics_7/

Course instructors

Frank Rice

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Lab Sections and TAs

Tuesday, 2:30PM–5:30PM

Esme Knabe (eknabe@caltech.edu),
Hannah Rose (hrose@caltech.edu), Caden Mikkelsen (cmikkels@caltech.edu),

Wednesday, 1PM–4PM

Nassim Tavakoli (nassim@caltech.edu), Joe Sheeran (jsheeran@caltech.edu)

Thursday, 1:30PM–4:30PM

Andrei Diaconu (adiaconu@caltech.edu), Avi Vadali (avadali@caltech.edu)

Friday, 1PM–4PM

Ben Zalla (bzalla@caltech.edu),
Elizabeth Field (efield@caltech.edu), Maven Holst (mvolst@caltech.edu)

General Course Requirements (except schedule), Experiments with descriptions

http://sophphx.caltech.edu/Physics_6/Requirements.pdf

http://sophphx.caltech.edu/Physics_7/ExperimentList.pdf

Note:

you MAY NOT REPEAT any of experiments 12 (electron diffraction), 27 (Normal Zeeman), or 28 (Mossbauer Effect) if you performed it in Physics 6. Experiment 25 is not the same as Physic 6 experiment 25a (Balmer Lines), so it is available to everyone in Physics 7.

CurveFit : <http://www.sophphx.caltech.edu/CurveFit/>

Schedule

Lab week 1: everyone does [Experiment 30a](#) 8–12 April
Lab weeks 2-3: sign up for experiments 15–26 April
Midterm break/Make-up lab 29 April – 3 May
Lab weeks 4-6: sign up for experiments 6–24 May
Lab Make-up Week 27–31 May
TA Final Grading Meeting 5 June