

Caltech Physics 6 — Winter, 2023-2024

http://www.sophphx.caltech.edu/Physics_6/

Course instructors

Frank Rice

Lecturer in Physics
(626)395-3660

Office Hours: anytime lab is not in session M–F, 9AM–5PM
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David Politzer

Richard Chace Tolman Professor of Theoretical Physics
(626)395-4252

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Sections and TAs

Tuesday, 1PM–4PM

Esme Knabe (eknabe@caltech.edu),
Victor Gomez (eknabe@caltech.edu), Hongyu Zhang (h Zhang@caltech.edu),

Wednesday, 1:30PM–4:30PM

Kayton Truong (kayton@caltech.edu),
Zofia Adamska (zadamska@caltech.edu), Kai Svenson (kvenson@caltech.edu)

Thursday, 2:30PM–5:30PM

Vibha Padmanabhan (vibha@caltech.edu),
Zofia Adamska (zadamska@caltech.edu), Victor Gomez (eknabe@caltech.edu)

Friday, 2:00PM–5:00PM

Patill Daghlia (pdaghlia@caltech.edu),
Adele Basturk (abasturk@caltech.edu), Aditya Srinivasan (asriniva@caltech.edu)

General Course Requirements, Experiments

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

http://www.sophphx.caltech.edu/Physics_6/Experiment_List.pdf

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

Schedule

Email completed [Schedule Form](#) to Frank Rice; sections will be set up 3-5 January

Review: [Elementary Physical Data Analysis](#) and

install *Mathematica* on your computer! 3–8 January

Intro to data analysis and *CurveFit* — first lab session..... 9–12 January

Lab week 1: everyone does [Experiment 2](#) 15–19 January

Lab weeks 2-3: sign up for experiments 22 January –2 February

Midterm break/Make-up lab 5–9 February

Lab weeks 4-6: sign up for experiments 12 February–1 March

Lab Make-up Week 4–8 March

TA Final Grading Meeting 12 March