

# Caltech Physics 6 — Winter, 2024-2025

[http://www.sophphx.caltech.edu/Physics\\_6/](http://www.sophphx.caltech.edu/Physics_6/)

**There will be no Organizational Meeting for this course!**

Each student and TA must fill out a copy of the [Scheduling Form](#) and email it to [Frank Rice](#) by no later than **12 noon, Wednesday, 8 January!!**

Frank will use the scheduling forms to set up the lab sections and assign students to them. *Lab sections will start the second week of the term.*

## Course instructors

Frank Rice

Lecturer in Physics  
(626)395-3660

Office Hours: anytime lab is not in session M–F, 10AM–5PM  
[rice@caltech.edu](mailto:rice@caltech.edu) 202 E. Bridge; M/C 103-33

David Politzer

Richard Chace Tolman Professor of Theoretical Physics  
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## Important! Course Requirements:

[http://sophphx.caltech.edu/Physics\\_6/Requirements.pdf](http://sophphx.caltech.edu/Physics_6/Requirements.pdf)

**Experiments:** [http://www.sophphx.caltech.edu/Physics\\_6/Experiment\\_List.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.....Deadline: 8 January

READ: [Elementary Physical Data Analysis](#) Chapters 1 – 5 and

install *Mathematica* 13.3 on your computer! ..... 6–10 January

Intro to data analysis and *CurveFit* — first lab session..... 13–17 January

Lab week 1: everyone does [Experiment 2](#) ..... 20–24 January

Lab week 2: sign up for an experiment ..... 27–31 January

Midterm break/Make-up lab ..... 3–7 February

Lab weeks 3-6: sign up for experiments..... 10 February–7 March

Lab Make-up Week ..... 10–14 March

TA Final Grading Meeting ..... 17 March