

# CaPhO Peer Tutoring

a.k.a. CAP High School Prize Exam

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## My credential

2022 CaPhO Gold medalist, Alberta Second Place, National Final qualifier.

## Class sessions

Online via Zoom meeting.

## Outline

12 sessions in total:

- 1) Mechanics (3)
- 2) Electromagnetics (2)
- 3) Thermodynamics (2)
- 4) Optics & Wave (2)
- 5) Modern Physics (2)
- 6) Mock exam & Review (1)

## Materials

- 1) David Morin's *Classical Mechanics* textbook
- 2) *Fundamentals of Physics* textbook
- 3) Past CaPhO exam papers

## Overview of the contest

The Canadian Association of Physicists (CAP) puts together a high school physics examination targeted for upper-year physics students across Canada. It stresses logical and creative thinking, by asking questions going beyond the expectation of the classroom. Prizes are awarded to the top students both provincially and nationally.

## Scoring distribution

The multiple-choice section will be scored out of 25. Each long-answer question will be scored out of 20. A total mark out of 100 will be calculated by weighting the multiple-choice and long-answer section in the ratio of 40/60.

As in the past, the French language marker is responsible for ensuring that his marking scheme and practices are equivalent to those used by the English markers.

## Exam enrollment

Please go visit:

<https://outreach.phas.ubc.ca/> .

## More about me

Feel free to contact me through email

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and to visit my personal website

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