

THE HIGH SCHOOL  
**PHYSICS**  
ENRICHMENT PROGRAM



*An initiative of*

**The Department of Physics  
University of Prince Edward Island**

*in collaboration with*

**The PEI Department of Education  
and Early Childhood Development**

*Program Coordinator*

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*Send application to:*

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*For more information, or to download application material,  
visit [upei.ca/physics](http://upei.ca/physics)*

**APPLICATION CHECKLIST:**

- signed recommendation from the principal
- signed consent of a parent or legal guardian
- up-to-date high school transcript  
(unofficial transcript is sufficient)
- completed UPEI registration form



# WHAT IS THE HIGH SCHOOL PHYSICS ENRICHMENT PROGRAM (HSPEP)?

The HSPEP is a unique opportunity for you as a high-performing student with an interest in, and aptitude for, physics. You can accelerate your academic development while gaining UPEI credit and competing for a UPEI full-course tuition credit. The program runs concurrently with the February–June school semester.

## IS THE HSPEP FOR YOU?

**We encourage you to apply if you:**

- ⇒ are in your final year of high school on PEI
- ⇒ are completing grade 12 physics by the end of January (Physics 621A, AP Physics, IB Physics) with a grade of at least 90%
- ⇒ have completed, or will be taking Math 611 concurrently
- ⇒ are an independent learner
- ⇒ have a keen interest in earning a university degree in physics

## SELECTION CRITERIA

**We select 6–12 students based upon:**

- ⇒ your unofficial mid-term grade for Physics 621A, AP Physics, or (projected) grade for IB Physics
- ⇒ your high school transcript
- ⇒ a recommendation from your high school principal

## PROGRAM DETAILS

Students accepted into the program will be required to participate in biweekly tutorials/laboratory activities on Saturdays at UPEI.

We will provide communication and resource materials via Moodle, UPEI's web-based course management system. You will receive a university-level physics textbook, along with guidelines (posted on Moodle) for self-study in preparation for the Physics 111 challenge-for-credit exam. See the UPEI Calendar for the complete course description: [upei.ca/registrar/3\\_physics](http://upei.ca/registrar/3_physics).

You will write the Physics 111 three-hour challenge-for-credit exam in June, either at UPEI or, if suitable arrangements can be made, at your high school.

If you receive a passing grade on the exam, you will be issued university credit for Physics 111.

## PROGRAM COSTS

**If you are accepted into the program, you will be expected to pay the following fees\***

- ⇒ administrative fee (\$100) for challenge-for-credit exam
- ⇒ transportation costs to UPEI for biweekly activities

## OTHER OPTIONAL EVENTS/ACTIVITIES

- ⇒ Atlantic Undergraduate Physics and Astronomy Conference (February)
- ⇒ Canadian Association of Physicists High School Prize Exam (April)
- ⇒ physics-related public lectures
- ⇒ summer self-study for Physics 112, Math 151/152 challenge-for-credit exams
- ⇒ acceptance into the UPEI Physics Co-operative Education Program
- ⇒ summer research project

\* Application and administration fees are subject to change on an annual basis. See [upei.ca/fees](http://upei.ca/fees) for up-to-date fees.