



UNIVERSITY OF
TORONTO



Physics Aid Centre (PAC)

PAC Tutor Application Form

Overview of Centre

The Physics Aid Centre is a joint initiative between the Environmental and Physical Sciences Students' Association (EPSA) and the Department of Physical and Environmental Science at the University of Toronto Scarborough. The purpose of this Centre is to foster an environment that will allow students in their first year of undergraduate studies to be able to learn, grasp and then further apply the concepts of PHYA10/PHYA11/PHYA21/PHYA22. The students in this course have historically seen significant pitfalls when faced with the task of reading the problem, understanding what is being asked, and then developing the formal step-by-step procedure to tackle the problem using the tools and concepts discussed in the classroom. Further algebraic manipulations and certain applications of the concepts in the course have also been a recurring area of difficulty. The Physics Aid Centre serves to help those individuals; our mandate is to enhance student learning, provide valuable assistance, and guide those needing help in the right direction so that they can master the topics of physics at the university level.

Overview of Position

You, the mentor, play a fundamental role in the success of the centre. The position of the mentor is one that:

- I. Will foster the improvement and growth of the student's capability of mastering concepts of PHYA10/11/21/22 by teaching through example, in an understanding sought at the first-year level.
- II. Will uphold the meaning of being a UTSC facilitator, by providing students needing help on physics problems with guidance.
- III. Will commit to the position (**for two semesters**); true mentors are those that find teaching to be a pinnacle of their accomplishment academically and career-wise, a Physics Aid Tutor must ensure that what they are doing is only to help achieve the sole purpose of getting others to succeed; whilst keeping personal gain to a minimum.

Application Process

All applicants will go through a process of checks to assure quality of tutors, the process will proceed in this manner:

- I. Initial screening by marks
- II. Written Explanation of why you would like to be a Mentor
- III. Interview with the EPSA Physics Representative and President.

The Interview

The position of the mentor is a regarded position; we, the coordinators, expect the mentor to uphold the rules and regulations set. The mentor is not one that will allow plagiarism to occur. We also expect the room be kept in the condition that it was given to the EPSA by the Dept. of Physical and Environmental Science. During the interview, such questions will be asked that challenge one's view of the organization, and how true the person will stay to the task. The interview will also require of the interviewee to answer a couple of questions that a first year student usually asks in regards to physics. Also remember that the interviewers are looking for someone who facilitates the student in the subject of physics, not help give answers, or solve problems for them; and lastly a student who also takes a joint responsibility of the centre and understands the level of integrity that must be upheld at all times (i.e. belongs to the centre, realizes that they're both a part of it and responsible for how it is perceived).

Please check the EPSA website for the deadline at www.myepsa.ca. Applications submitted after this deadline will not be accepted. Applicants must submit their application through e-mail to physicsaidcentre@myepsa.ca.

Please note that all successful applicants will be required to attend a **mandatory training session in September (date TBA)**. We wish all applicants the best of luck and hope to see you tutoring next year.

Please complete *either* of the following:

- I. **Application for New Tutors (pg. 3)**
- II. **Application for Returning Tutors (pg. 4)**

Along with your application, attach the following documents in the e-mail:

- I. **A Copy of Your Transcript from PHYA10/11/21/22 - you can blank out the other marks if you wish. (Official transcript not required; ROSI copy will suffice) (Note: You are required to have completed PHYA10/11. Having also completed PHYA21/22 is beneficial.)**
- II. **A Copy of Your Timetable (Fall and Winter) - To Prevent Infringement On Your Courses**
- III. **A Copy of Your Updated Resume (please be sure to specify any teaching experience).**

PAC Tutor Application Form (FOR NEW APPLICANTS)

Name: _____
Program: _____
Student Number: _____
Phone Number: _____
Email: _____

Why would you like to be a tutor? What distinct qualities distinguish you from others?
(At least 50 words)

Please describe most recent tutoring experience. (At least 50 words)

PAC Tutor Application Form (FOR RETURNING APPLICANTS)

Name: _____

Program: _____

Student Number: _____

Phone Number: _____

Email: _____

Please describe your most recent experience at the Physics Aid Centre. Include any new learning experiences, challenges and how you overcome these challenges. (At least 100 words)