



Physics (PHYS) 495

Physics Projects I (Revision 1)

Delivery mode: [Individualized study](#) 

Credits: 3



Area of study: Science

Prerequisites: Minimum 15 credits (with 9 credits at senior level) in physics, astronomy, mathematics, chemistry, or geophysics, and permission of the course coordinator, [Dr. Farook Al-Shamali](#) . Before registering, students must submit an acceptable [project proposal](#)  to the course coordinator.

Precluded: None

Challenge: PHYS 495 is not available for challenge.

Faculty: [Faculty of Science and Technology](#) 

Status: Replaced with new revision, see the [course listing](#)  for the current revision 

Overview

PHYS 495 is based on contracted study arrangements between the student and an approved supervisor (AU academic or external). Students improve their skills to choose and define problems, obtain information from libraries or experiments, organize facts and ideas, and report ideas and conclusions in written form.

This course is for students who wish to carry out projects in physics or its branches, including geophysics and engineering but not normally biophysics. The course is also a venue to obtain formal recognition of related skills and training, received through work experience, by applying them to a new project.

This course may involve library, observational, field, laboratory or computational work as agreed to by the student and the supervisor, with approval from the Course Coordinator. Students are expected to obtain and pay for all materials used in the projects. Permission to register will be given once the student has a project proposal accepted and recognized as a Learning Contract by the Course Coordinator.

Evaluation

The assessment for this course is based upon the student's written report and other prepared materials as outlined in his or her learning contract. The evaluation is completed by the Course Coordinator in consultation with the project supervisor. To **receive credit** [↗](#) a student must achieve a course composite grade of at least **D (50 percent)** [📄](#).

To learn more about assignments and examinations, please refer to Athabasca University's [online Calendar](#) [↗](#).

Materials

This course either does not have a course package or the textbooks are open source material and available to students at no cost. This course has a **Course**

Administration and Technology Fee [↗](#) of **\$146**, but students are not charged the Course Materials Fee.

Important links

- › [Academic advising](#) [↗](#)
- › [Program planning](#) [↗](#)
- › [Request assistance](#) [↗](#)
- › [Support services](#) [↗](#)

Athabasca University reserves the right to amend course outlines occasionally and without notice. Courses offered by other delivery methods may vary from their individualized study counterparts.

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