

FIRST Discoveries 10

A new course for the Science and Engineering minded student.

W.P. Wagner is known in the district as the “School of Science and Technology”. We strive to incorporate technology into all of our science courses and now we are offering an exciting new course for our incoming grade 10 students called **FIRST Discoveries 10**.

Students enrolled in Science 10 AP are automatically part of our FIRST program; which incorporates exploratory field trips, listening to speakers from and science and technology fields, participation in the Mentorship program, and enriched course content which further enhances the Alberta Curriculum.

FIRST Discoveries 10 is a supplementary 5 credit science course offered to passionate Science 10 AP students wanting to investigate science in a hands-on environment.

Course Objectives:

- Gain additional knowledge in Biology, Chemistry, Physics, Mathematics, and Engineering through an exploratory team research approach.
- Provide students with superior skill sets in: Measurements, Lab equipment use, Graphing, Calculating, Basic Electronics and other skills required at the post-secondary level.
- Hands on learning and problem solving activities where students have the opportunity to develop creative solutions to engineering and science related projects. Emphasis will be put on collaborative group work.
- Offer an alternative option for grade 10 students who have a keen interest in exploring the world around them.
- Opportunity to explore various career pathways in the field of science.

Students interested in taking **FIRST Discoveries 10** will need to apply. If you are interesting in taking part please indicate your interest on the FIRST & Advanced Placement application form.

Requirements:

- *Minimum* mark of 80% in Grade 9 science.
- Admitted to the AP/FIRST Program.
- *Current Science Teacher Recommendation* stating that the student is a capable independent learner and well suited to an advanced science course.

Due to the nature of the course and number of sections offered, only a limited number of students applying will be admitted. We hope to see you in the **FIRST Discoveries 10** lab next year in.

For further information please contact: Mr. Scott Matichuk; Scott.Matichuk@epsb.ca