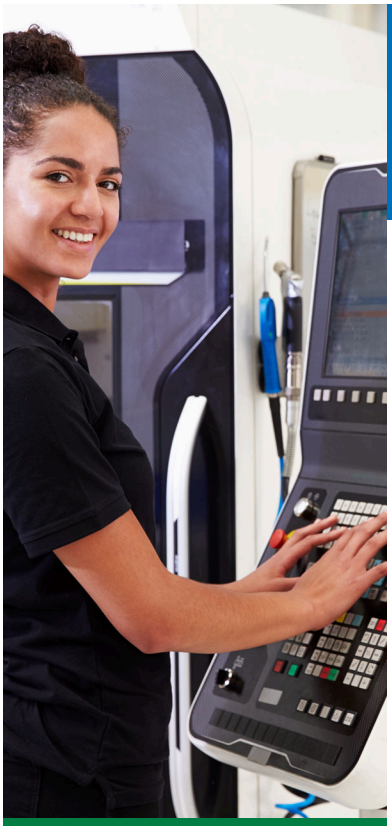

Pre-Engineering

Associate in Science Degree

Why Pre-Engineering?

The word "engineer" is synonymous with inventor, designer, and researcher. Engineers are builders, innovators, and critical thinkers. They are responsible for building bridges and roads, developing fuel-cell technology for our vehicles, researching cures for cancer, and everything in between. Engineering is a high demand field with many specializations including Aerospace, Biomedical, Chemical, Civil, Computer, Electrical, Environmental, Material, Mechanical, and more.

Why Bay College?

The Pre-Engineering program at Bay College provides a solid foundation for a degree in Engineering or Engineering Technology. Students can take courses: Calculus I, Calculus II, Calculus III, Differential Equations, and Linear Algebra math courses, and in some cases Statistics, required for their engineering degree at Bay College. Depending on one's engineering specialty (for example Chemical or Mechanical Engineering), students can take their General Chemistry I and II, Organic Chemistry I and II, Elements of Physics I and II or Engineering Physics I and II, Statics, Dynamics, Mechanics of Materials, Biology I and II, and/or Anatomy and Physiology I and II courses at Bay. Students can also take required General Education (English, Humanities, and Social Sciences) courses at Bay College. Instead of being in a classroom lecture with 100 or 200 students, as is typical at most universities, students get much more one-on-one attention with class sizes averaging 15-25 students. Courses transfer with ease, and Bay instructors are passionate about teaching.

Beyond Bay College

Students interested in transferring to a four-year institution to obtain a bachelor's degree or higher may find opportunities in the following areas of study:

- **Civil Engineering**
- **Computer Engineering**
- **Electrical Engineering**
- **Environmental Engineering**
- **Mechanical Engineering**
- **Nuclear Engineering**
- **And many more!**

Contact

Bay College
2001 N Lincoln Rd
Escanaba, MI 49829

Bay College West Campus
2801 N US 2
Iron Mountain, MI 49801

Office of Admissions
906-217-4010

Matthew Krynicki
Instructor
(906) 217-4103
krynickm@baycollege.edu

Spencer Slade
Instructor
(906) 217-4007
slades@baycollege.edu

BAY COLLEGE

baycollege.edu