

The Johns Hopkins [Engineering Innovation](#) Summer (EI) Program will be held at [Hood College](#). This program will accept both commuter and residential students.

EI is the summer version of a course offered to first year engineering majors at Johns Hopkins University (JHU). The semester-long course has been condensed into four or five weeks. During the program, students complete lab activities in computer, chemical, electrical, computer, civil, mechanical engineering, and materials science. Course materials, including labs and sample quizzes, can be viewed [here](#). Students who earn an A or B in the class receive **three college credits from JHU**.

This is a [great opportunity](#) for students to try college engineering while still in high school. They can decide if they want to pursue an engineering major and which field is of the most interest to them.

Need-based full and partial scholarships are available for **commuting students only**. Students interested in receiving financial aid should apply early.

This course is rigorous, and students must have As and Bs in their high school math and science classes. They also must have taken the following subjects to be eligible to apply:

- q. Algebra II
- q. Physics or Chemistry
- q. Trigonometry, or have learned to use the trig functions - up through the application of the laws of sines and cosines to resolve non-right angle triangles in another math course
- q. Most students are rising Juniors and Seniors in high school

Apply online: <https://ei.jhu.edu/apply/application-materials/>

Application due: June 7th

Important Dates

- **EI Course:**
 - Course Dates: June 24 - July 19
 - Check-in Day for Residential Program: June 23
 - Time: Monday - Friday; 9 AM - 3PM
 - No class on Thursday, July 4th