College Credit in High School
Find your passion.
Get a head start.
Experience college with rock star teachers.
Earn FREE college credit.

WHY NOT?!

Experience
What if there was a class where curiosity ruled? Where you learned not only how things worked, but how you might make them work better. Where the biggest challenge was between you and your imagination. Discover engineering.

Outcome
Better preparation for demanding rigor of two-year and four-year engineering programs.

PLTW alumni are studying engineering and technology in greater numbers than the national average, with a higher retention rate in college engineering, science and related programs than non-PLTW students.

Career Focus
Determine if engineering is the right career path for you.

College Credits Earned: 6
The PLTW Academy provides students with a jump start to earning an Associates, Bachelors and/or Graduate degree. Examples of college majors include, but are not limited to: Electronics Engineering Technology and Engineering in a wide variety of disciplines. If you are planning to transfer to a four-year college or university after attending Kirkwood Community College, specific transfer information can be found at www.kirkwood.edu/fouryeartransfer.

Iowa Average Salaries in Engineering Careers
Electronic Engineering Technician: $27.09 hour/$56,340
Civil Engineers: $37.20 hour/$77,370
Biomedical Engineers: $43.38 hour/$90,230
Aerospace Engineers: $50.80 hour/$105,660
More info can be found at: www.bls.gov

College Credit Courses
Courses subject to change based on college curriculum. (Offered PM Only)

EGT-415 | PLTW -- Environmental Sustainability | 3 College Credits
Introduces investigation and design of solutions in response to real-world challenges related to clean and abundant drinking water, food supply issues and renewable energy. Within the PLTW Engineering sequence of courses, ES is a specialty course designed to follow Introduction to Engineering Design and Principles of Engineering.

EGT-460 | PLTW -- Civil Eng. & Architecture | 3 College Credits
Introduces teams of students to collaboration on the development of community-based building projects and conceptual design for project presentations.

Need To Know
Project Lead the Way (PLTW) is a nationally recognized, high school pre-engineering curriculum designed to help students develop better problem solving skills by immersing them in real-world engineering challenges. The courses all use project-based hands-on experiences to teach students the key elements and skills of engineering and technology-based careers. By completing a series of PLTW courses, students will be preparing themselves for the demanding rigor of two-year Engineering Technology and four-year Engineering programs.

Algebra I or Algebra II strongly recommended.

All courses noted were developed by Project Lead the Way and are available as concurrent credit courses and students may be eligible for regent-accepted, transferrable engineering credit. All courses are worth 3 credit hours. In order to receive transferrable EGR credit, students must receive an 85% or greater pre-final grade, and pass parts A and C of the final exam with a 70% or greater score. If a student does not complete these qualifiers, they will still receive EGT credit from Kirkwood.

How to Get Started
Talk to your parents and your Guidance Counselor.