



Engineering Academy (PLTW)

Project Lead the Way 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 Project Lead the Way courses, students will be preparing themselves for the demanding rigor of two year engineering technology and four year engineering programs. 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.



EGT-400 Introduction to Engineering Design (IED)™

3 College Credit Hours

Teaches problem-solving skills using a design development process. Focuses on using solid modeling computer design software to create, analyze and communicate product solutions. This course was developed by Project Lead the Way.



EGT-410 Principles of Engineering (POE)™

3 College Credit Hours

Using technology systems and manufacturing processes, students find out how math, science, and technology help people. This course was developed by Project Lead the Way. Prereq: [EGT-400](#)