

PLTW FAQs

1. How do I request a transcript from Kirkwood?

Easy! Just go to www.kirkwood.edu/transcript. It is an online form that asks for basic information and costs nothing. Kirkwood receives the request and sends your transcript on to the appropriate college. Forgot your K#? No problem! Visit www.kirkwood.edu/knumber for help.

2. How do PLTW courses articulate with Kirkwood courses?

Project Lead The Way (PLTW) Course	Kirkwood Applied Science & Technology Earn an A.A., A.S., or A.A.S. degree at Kirkwood	Kirkwood Pre-Engineering Transfer program Department of Math/Science	Kirkwood Transfer program
Introduction to Engineering Design (IED) EGT/EGR-400	DRF-142 Engineering Design I CAD/Mechanical Engineering Technology Department of Industrial Technologies	† EGR-160 Engineering I Pre-engineering	General Elective
Principles of Engineering (POE) EGT/EGR-410	ELT-304 Introduction to Electrical Circuits Advanced Manufacturing and Robotics Technology Department of Industrial Technologies	† EGR-160 Engineering I Pre-engineering	General Elective
Civil Engineering and Architecture (CEA) EGT/EGR-460	EGT-460 Civil Engineering and Architecture Architecture Technology Department of Industrial Technologies	† Elective for Pre-engineering	General Elective
Digital Electronics (DE) EGT/EGR-420	ELT-309 Digital Circuits Electronics Engineering Technology Department of Industrial Technologies	† Elective for Pre-engineering	General Elective
Environmental Sustainability* (ES) EGT/EGR-415	BIO-190 Intro to Biotechnology Department of Math/Science, Industrial Technologies, or Agricultural Science	† Elective for Pre-engineering	General Elective
Computer Integrated Manufacturing (CIM) EGT/EGR-450	EGT-450 Computer Integrated Manufacturing Advanced Manufacturing and Robotics Technology Department of Industrial Technologies	† Elective for Pre-engineering	General Elective
Computer Science Principles (CSP) CIS-450**	Elective Computer Software Development Department of Business & IT	No Transferable Credit from Kirkwood (Contact University of Iowa)	No Transferable Credit from Kirkwood (Contact University of Iowa)

*Previously Biotechnical Engineering EGT/EGR-440

**EGR credit not offered

† Stanine score of 6 or higher required for EGR credit.
Score of 5 or lower will earn general elective credit.

Note- Additional PLTW courses may be offered in your high school that are not available for college credit.
Aerospace Engineering is available for college credit through the University of Iowa only - www.pltwiowa.org

3. What programs are available at Kirkwood in engineering or engineering fields?

There are a number of programs that relate to engineering and PLTW classes. Computer-aided Design (CAD)/Mechanical Engineering, Electronics Engineering Technology, Biotechnology, Advanced Manufacturing and Robotics Technology, Construction Management, and Architecture Technology are two-year degrees offered in relation to PLTW classes.

We also have a pre-engineering curriculum through the Math/Science department that allows students to complete their first two years at Kirkwood and transfer on to the University of Iowa and Iowa State University. To see a four-year plan, you can visit: www.kirkwood.edu/stemadvisor.

You can see all of Kirkwood's programs by visiting: www.kirkwood.edu/programs.

4. What scholarships are available for me if I want to go to Kirkwood?

Kirkwood has a number of scholarships related to engineering and other STEM (Science, Technology, Engineering, and Math) fields. Scholarships can be filled out using one basic application. It can be found out www.kirkwood.edu/scholarships. Make sure to include that you completed college/PLTW classes in high school. If you are interested in a STEM field, make sure to indicate that in your essay. Scholarships are available at other colleges as well, so make sure to contact that college or check out their website.

5. What is the difference between EGT*** credit and EGR*** credit?

When a student is enrolled in a PLTW class, Kirkwood receives information from your school to register you for the PLTW class. You are automatically registered for an EGT class. Everyone in a PLTW class gets college credit regardless of how they do on the end of course exam. EGT credit is technical credit. It aligns with Kirkwood's programs and some other community college two-year degrees. If a student is pursuing a four-year degree, the EGT credit can be used as an elective credit.

EGT credit can also become EGR credit if a student does well on the end of year assessment. Students must receive a **stanine score***** of at least 6 on a 9 point scale. The scale is determined by how students do nationally on the end of course assessment.

6. How do I know my credit transfers to the college I'd like to attend?

Some information can be found on the college website, but it is always important to have that conversation with your school of interest. Let them know which class (or classes) you have taken, and ask them how it articulates with your desired program. EGR credit will transfer as engineering credit to University of Iowa and Iowa State University depending on the program. EGT credit will transfer as elective credit, but only EGR credit will suffice an engineering elective. EGT will just be a "standard" elective.

7. What is the cost for EGT credit? What is the cost for EGR credit?

There is no cost to the student or family for classes that line up with Kirkwood classes. This holds true for both EGT and EGR credit.

Glossary***	
EGR	Engineering (Math/Science) credit that will be considered transferrable engineering credit at the university level (University of Iowa and Iowa State University). Note: How it transfers in is left up to the university itself.
EGT	Engineering Technology credit applied towards technical programs or elective credit.
Stanine Score	End of semester exam <u>score</u> administered by PLTW on a 1-9 point scale that determines if EGT technical or EGR transferable credit is earned.

Still have questions? Contact Lisa Montz or Kasey Keeling: lisa.montz@kirkwood.edu and kasey.keeling@kirkwood.edu.