If you have completed Project Lead The Way (PLTW) Pathway to Engineering courses and national end-of-course exams at a PLTW certified high school, you may be eligible for credit by examination in certain Metropolitan Community College (MCC) programs. This credit will be added to your MCC student transcript upon enrollment at any of the MCC campuses. Your high school PLTW course grades will not be factored into your MCC grade point average.

what you need to do:

one

You must apply for admission and enroll at MCC. Visit mcckc.edu/getstarted for MCC’s steps to enrollment.

two

You must provide the MCC Records Office/Advisor with verification of national end-of-course exam stanine scores of 6 or better and PLTW course grades of 80% (B) or better from your high school instructor, counselor, or an administrator. The national end-of-course exam scores should be documented in a letter on school or school district letterhead. The PLTW course grades should be documented on your official high school transcript.
credit options

one
If you intend to earn an Associate Degree in Engineering, you can earn three credits for ENGR 113 (Engineering Design Microcomputer Applications) if:

- You complete Introduction to Engineering Design (IED), Principles of Engineering (POE), and any third qualifying PLTW engineering course* with an 80% (B) or better average.
- You earn stanine scores of 6 or better on the national end-of-course exams for at least two of the three courses above.

two
If you intend to earn an Associate in Applied Science (AAS) Degree in Engineering Technology with an emphasis in Mechanical/Manufacturing, or an AAS in Computer Aided Drafting and Design, you can earn three credits for ETEC 270 (Parametric Modeling) if:

- You complete Introduction to Engineering Design (IED) and Principles of Engineering (POE) courses with an 80% (B) or better average.
- You earn stanine scores of 6 or better on the national end-of-course exam for at least one of the two courses above.

three
If you intend to earn an Associate in Applied Science (AAS) Degree in Engineering Technology with an emphasis in Electronics or Computer & Electronics, you can earn three credits for ETEC 130 (Digital Electronics), and three credits for ETEC 240 (Design Project) if:

- You complete Introduction to Engineering Design (IED), Principles of Engineering (POE), Digital Electronics (DE), and Engineering Design and Development (EDD) courses with an 80% (B) or better average.
- You earn stanine scores of 6 or better on the national end-of-course exam for Digital Electronics (DE).

* Qualifying PLTW engineering courses are: Aerospace Engineering (AE), Biotechnical Engineering (BE), Civil Engineering and Architecture (CEA), Computer Integrated Manufacturing (CIM), Digital Electronics (DE), and Engineering Design and Development (EDD).

These requirements were effective November 7, 2011. If you have questions, please contact Teresa Loney at 816.604.1517 or via email at Teresa.Loney@mcckc.edu.