

## Project Lead The Way (PLTW) College Credit Usage

PLTW Course	Univ. of Iowa (s.h. = semester hours)	ISU	DMACC
<b>Introduction to Engineering Design (IED) EGT 400</b>	3 s.h. <u>College of Engineering:</u> Either IED or POE will count for 59:005 Engineering Problem Solving I – the introductory course required of all incoming engineering students. <u>College of Liberal Arts:</u> Free Elective <u>College of Business:</u> Free Elective	Will transfer into ISU for: Agricultural & Biosystems Engineering as AE 170 Civil Engineering as CE 170 Mechanical Engineering as ME 170	<u>Civil Engineering Technology:</u> CET 178 (Automated Design I) <u>Advanced Manufacturing Technology:</u> will be accepted as a replacement for taking a 3 credit CAD course in the program.
<b>Principals of Engineering (POE) EGT 410</b>	3 s.h. <u>College of Engineering:</u> Either IED or POE will count for 59:005 Engineering Problem Solving I – the introductory course required of all incoming engineering students. <u>College of Liberal Arts:</u> Free Elective <u>College of Business:</u> Free Elective	N/A **	Civil Engineering Technology (CET) Elective
<b>Digital Electronics (DE) EGT 420</b>	3 s.h. * <u>College of Engineering:</u> N/A <u>College of Liberal Arts:</u> Free Elective <u>College of Business:</u> Free Elective	N/A **	DMACC approved to articulate for NET 144 and NET 145.
<b>Computer Integrated Manufacturing (CIM) EGT 450</b>	3 s.h. * <u>College of Engineering:</u> N/A <u>College of Liberal Arts:</u> Free Elective <u>College of Business:</u> Free Elective	N/A **	Will be accepted as a replacement for taking a 3 credit CAD course in the Advanced Manufacturing Technology Program at DMACC.
<b>Civil Engineering And Architecture (CEA) EGT 460</b>	<u>College of Engineering:</u> 53:015 Civil & Env. Engineering Practice (2 s.h.) – required course for all engineering students <u>College of Liberal Arts:</u> Free Elective <u>College of Business:</u> Free Elective	N/A **	Transfers in as credit for CET 102 (Fundamentals of Civil Engineering)
<b>Aerospace Engineering (AE)</b>	3 s.h. * <u>College of Engineering:</u> N/A <u>College of Liberal Arts:</u> Free Elective <u>College of Business:</u> Free Elective	N/A **	N/A
<b>Environmental Sustainability (ES) EGT 415</b>	3 s.h. <u>College of Engineering:</u> Elective for Chemical Engineering biochemical focus area. <u>College of Liberal Arts:</u> Free Elective <u>College of Business:</u> Free Elective	N/A **	N/A

\* Although the University of Iowa will count all PLTW credit, the College of Engineering will only use the credit for IED, POE, CEA and BE.  
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\*\* ISU: It is up to the individual to contact the PLTW program at The College of Engineering at ISU directly to see how PLTW courses are awarded, due to different college course requirements and majors offered. Regardless, the courses are all equivalents for Engr100 courses, which do not directly apply to an engineering student's major, but may be accepted as tech electives in other colleges, depending on what their curriculum committees approve as allowable for those electives.  
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