

Project Lead The Way College Credit Options for High School Students: Midwestern States Fall/Winter 2012-2013

(Please note that national PLTW continually gathers more updated Affiliate University and higher education institution policies and practices regarding potential college credit or admissions/selection criteria. Note also that while many Affiliate Universities and other higher ed institutions require that students come from Certified schools and/or to score certain percentages on the End of Course Assessments, each institution is autonomous and sets its own guidelines. A few provide transcribed credit for a fee; many provide credit to students enrolling at their institution only; some require a series of courses or portfolios or other requirements. Some institutions recognize PLTW courses as meeting some required degree course guidelines; many recognize as general elective credit. Trends in post-secondary credit for PLTW are constantly evolving. Being sure that clear names of PLTW course titles with PLTW reference on student transcripts is recommended for all PLTW high schools to alert post-secondary institutions to the students' PLTW experiences, since there is growing awareness of the rigorous HS PLTW curriculum as good college and career readiness.)

Visit www.pltw.org/colleges-universities and www.pltw.org/types-pltw-college-and-university-partnerships for ongoing updates regarding higher education collaborative partnerships.

ILLINOIS

-Illinois Affiliate University—University of Illinois.

Secondary school students are encouraged to indicate PLTW course history on admissions application materials and to consult with advisors at the University of Illinois (UIC and UIUC) Colleges of Engineering regarding their experiences. At this time, transcribed credit is not offered and PLTW courses are not applicable to Engineering degree course requirements at either campus. www.pltw.uillinois.edu; <http://engineering.uic.edu/COE/WebHome>; <http://engineering.uillinois.edu> (bpacey@uillinois.edu or 217-244-5217 for further information)

-Some Illinois community colleges offer dual high school/community college credit for some PLTW courses taught on their campuses. Current Community Colleges offering PLTW courses to high school students for dual HS/college credit include:

-**Illinois Central College (East Peoria)**—IED (3 hrs) and POE (1 hr) apply toward Engineering Science degree requirements; DE (4 hrs) applies toward Electronics Technology and Industrial Electrical Technology degrees; CEA (3hrs) applies toward Architectural Construction Technology; Biotech (1 hr) is an elective in various programs. ICC grants this credit only to students taught at ICC (no decision on articulating credit for PLTW courses offered elsewhere at this time.)

-**Danville Area Community College**—IED (3hrs) is granted Engineering Graphics credit as an articulated transfer course; POE (4 hrs) is granted elective credit; DE (4 hrs) meets a course requirement for the Electronics Technology AAS degree; CIM (4 hrs) meets a course requirement for the Manufacturing Engineering Technology AAS degree.

-**Some other Community Colleges** offer or are in process of arranging for articulated credit with local PLTW high schools for elective or other recognition.

-**Northern Illinois University** became a Collaborating Partner university in 2010, working in cooperation with the University of Illinois Affiliate University on PLTW outreach efforts. NIU College of Engineering and Engineering Technology offers up to 7 hours of credit to students who have successfully completed various PLTW courses in the pre-engineering curriculum with at least a "B:" in each course. For further information, see <http://www.niu.edu/CEET/pltw/index.shtml> or contact the Associate Dean's office at 815-753-9961.

-**Bradley University** was a Collaborating Partner university through May, 2012, working in cooperation with the University of Illinois Affiliate University on PLTW outreach efforts. Bradley offers \$1,000 annual scholarships to students who have completed a PLTW course prior enrollment. For further information see <http://www.bradley.edu/admissions/freshman/cost/sources/pltw/index.dot>

-**Illinois State University** offers proficiency credit for successful completion of IED and POE by students from PLTW certified schools who apply to, are accepted, and enroll in ISU's Department of Technology programs in Construction Management, Graphic Communication, Industrial Computer Systems, Foundations of Power Technology, Renewable Energy, or Technology Education. For further information on how schools can enter into agreements and about specific course proficiency options, contact Cathy McKay at camckay@ilstu.edu or 309-438-2665.

-**NOTE:** The Illinois PLTW leadership team is working with The Illinois Community College Board, as well as individual colleges and 4-year universities around the state to review other statewide course alignment or articulation options for high school PLTW course completion.

INDIANA

Indiana Affiliate University--Purdue University

Secondary school students in the country may receive a maximum of 12 credit hours in the Departments of Building Construction Management, electrical and Computer Engineering Technology, and Technology Leadership and Innovation as either technical electives or general electives. PLTW college credit cannot be applied to an Engineering degree at Purdue University-West Lafayette. <http://www.tech.purdue.edu/pltw/Certification/CertificationAndCreditMenuPage.html>

IOWA

Iowa Affiliate Universities: University of Iowa and Iowa State University

Both the University of Iowa and Iowa State University will offer 3 semester hour credit for each of several PLTW pre-engineering courses. Some PLTW courses can be applied toward engineering degree requirements; other courses may be applied toward electives. University of Iowa offers transcript credit for a fee; Iowa State University provides transcript credit only to students who enroll at ISU: <http://www.engineering.uiowa.edu/ess/future-students/k-12/project-lead-the-way/students>

MISSOURI

Missouri University of Science and Technology (formerly University of Missouri-Rolla)

Students who successfully complete the first two PLTW courses (IED and POE) are invited to apply for three credit hours at MST; tuition is charged. These three credit hours are for an IDE 20 class at MST required for all MST engineering freshmen. See <http://pltw.mst.edu/undergradcredit/undergradcredit/>

OHIO

Ohio Affiliate University--Sinclair Community College

Ohio colleges and universities involve some articulated PLTW credit options. See details at http://www.pltwohio.org/college_options.php

WISCONSIN

Wisconsin Affiliate University--Milwaukee School of Engineering

Secondary school students from a Wisconsin PLTW certified school may apply to MSOE for transcribed college credit within certain guidelines. <http://www.msoe.edu/guidance/pltw/>

Links to other selected PLTW credit opportunities:

Duke University—Secondary school students are encouraged to include PLTW courses on admission application materials to the Pratt School. Transcript credit submitted by other institutions will be reviewed on an individual basis; however PLTW courses are not applicable to the Pratt School Engineering degree course requirements at this time. <http://ncpltw.pratt.duke.edu/collegecredit>

Penn State—some courses are granted credit in the Mechanical Engineering Technology or Electrical Engineering Technology programs. PLTW college credit cannot be applied to an Engineering degree at Penn State. http://www.pltwpa.org/student_college_credit.html

Rochester Institute of Technology—offers quarter hour transcribed credit in technology by paying tuition. See www.rit.edu/emcs/pltw/studentsparents_undergraduatecredit.php

University of Maryland at Baltimore County—Secondary students may receive college credit by completing EDD and four other PLTW courses, providing a portfolio, meeting enrollment requirements, and paying tuition. www.umbc.edu/pltw

University of South Carolina—Credit for some courses is provided with proper application and tuition payment. www.engr.sc.edu/pltw