



Project Lead The Way Inc. (PLTW) is a national partnership of schools, colleges, and the private sector to increase the quantity and quality of **engineers and engineering technologists** graduating from our education system. First developed in the 1980's by an upstate New York school district, PLTW is now offered in over 45 states and the District of Columbia.

Industry leaders provide important feedback to schools regarding current workplace skill expectations and the local job market. (For example, engineers and engineering techs are in demand at **CNH (Case-New Holland), Alliant Energy, Winegard, Dresser Rand; Federal Mogul, Smith Engineering and Metzger-Johnson Architects, and GE**. Schools provide the latest computer software and materials, as well as teachers who have undergone intensive training in the rigorous, nationally prescribed curriculum. Iowa State University and the University of Iowa assist with the teacher training, assessment of students and site certification. Students who pass the end-of course assessment for a PLTW course can earn college credit while still in high school!

This is an exciting adventure for **Burlington High School, West Burlington High School, Notre Dame Catholic School, and Danville High School**. The initial course, Introduction to Engineering Design, was funded by a grant from the Iowa Department of Education, the Kern Foundation, and **Southeastern Community College**. The brand new PLTW classroom is located in the IA building on the BHS campus with students from BHS, West Burlington, Notre Dame, and Danville.

Three sections of **"Intro to Engineering Design"** are currently being taught by BHS industrial technology teacher, Mr. Joe Sattler. Mr. Sattler is a Burlington native and a recent graduate of the University of Northern Iowa. Next year we will add another course, **"Principles of Engineering."** This course will be taught by BHS science teacher, Mr. Benjamin Carter. Mr. Carter is also a Burlington native. He holds a BS degree from the University of Iowa, and is pursuing a Master's degree at Iowa State University.

"Intro to Engineering Design" will count as an industrial technology credit, while "Principles of Engineering" will count as a science credit for students. Both courses have the potential of providing **engineering college credit at the University of Iowa and/or Iowa State University** for students who pass the end-of-course assessment.

Project Lead The Way is the nation's leading pre-engineering high school program. We are proud to be able to offer this opportunity to our high school students. For more information, contact your child's counselor or go to this link:

[www.pltwiowa.org](http://www.pltwiowa.org)