



Lebanon City Schools offers a pathway of PLTW Engineering classes. Students are taught that real-world problems have multiple solutions with many pathways to achieve success. With engaging courses like Digital Electronics and Civil Engineering and Architecture, students are empowered to explore, experiment, learn from failure, and turn ideas into reality.

Students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects like improving an existing product. Students explore how engineers improve the world through diverse engineering fields, such as product design, mechanical design, infrastructure, and sustainability. Students learn and use tools engineers use in robotics, 3D modeling, programming, and prototyping.

College credits and scholarships can be earned depending on the PLTW courses taken and scores earned on WebXams, tests students take at the conclusion of each PLTW course. Please email lacon.katie@lebanonschools.org with questions about the program.

PLTW Supplemental Information: [PLTW](#)

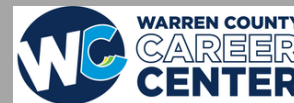


Taught by Lebanon High School staff with opportunities to earn college credit

PROJECT LEAD THE WAY: ENGINEERING PROGRAM



Proud partnership of Lebanon City Schools and Warren County Career Center



My educational background includes a Bachelors of Engineering in Civil Engineering from the University of Dayton and an MBA from University of Cincinnati. For ten years I was a Construction Project Engineer working in the commercial construction industry. Fun fact, Lebanon High School and Bowman Elementary were my first projects after graduating from UD. After taking classes for my teaching license, I started teaching Physics at Lebanon High School and transitioned the course into AP Physics. I spent 9 years teaching Physical Science and AP Physics before taking over the Engineering Program last school year.



KATIE LACON
PLTW TEACHER