



Engineering

PATHWAY DESCRIPTION

The Project Lead the Way (PLTW) Engineering program of study is a three (3) and six (6) course CTE program that engages students in open-ended problem solving where students learn and apply the engineering design process and use modern, industry-leading technology and software. The program prepares students for further education and careers in engineering and engineering technology.

Sequence of Courses:

Introduction to Engineering (IED)
Principles of Engineering (POE)
Aerospace Engineering (AE) /
Civil Engineering and Architecture (CEA) /
Digital Electronics (DE) /
Engineering Design and Development (EDD)

Early College Credit/Credentials:

Up to 3 college credits at Delaware State University
Up to 7 college credits at Delaware Technical Community College

Work-Based Learning:

Job Shadowing
Mock Interviews
Resume Workshops
Mentorships



Certificate

Certificate Wage:
\$41,900

Maintenance and Repair Workers

Delaware Technical Community College



Associates Degree

Associates Wage:
\$56,320

Electrical and Electronics Engineering Technicians

Delaware Technical Community College



Bachelor's Degree

Bachelor's Wage:
\$103,070

Mechanical Engineers

Delaware State University
University of Delaware

Jobs and Salary ranges are sources from the U.S. Department of Labor

Where to find this Pathway:

Appoquinimink High School
Christiana High School
Delaware STEM Academy
Dickinson High School
Glasgow High School
Hodgson Vo-Tech High School
Indian River High School
Lake Forest High School

Middletown High School
Milford High School
Newark Charter
Newark High School
Polytech High School
Smyrna High School
Sussex Academy of Arts and Science
William Penn High School

Ready to get started?

Visit the website for more information:



DELAWAREPATHWAYS.ORG

