The Engineering byDesign (EbD) Manufacturing Engineering Technology program of study is a three (3) course CTE program that engages students in open-ended problem solving where they learn and apply the engineering design process, use industry-standard technology and software, and apply math, science, and engineering standards to hands-on projects.

Sequence of Courses:
- Foundations of Technology (FOT)
- Advanced Design Applications (ADA)
- Engineering Design (ED)

Early College Credit/Credentials:
- Up to 3 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: $59,240
- Mechanical Drafters
- Delaware Technical Community College

Bachelor’s Degree
- Bachelor’s Wage: $67,080
- Mechanical Engineering Technicians
- Delaware Technical Community College

Where to find this Pathway:
- Brandywine High School
- Caesar Rodney High School
- Cape Henlopen High School
- Concord High School
- Delmar High School
- Design Thinking Academy
- Lake Forest High School
- Mount Pleasant High School
- MOT Charter High School
- McKean High School
- Seaford High School

Ready to get started?
Visit the website for more information:
DELAWAREPATHWAYS.ORG