The Architectural Engineering Technology (AET) program of study is a three (3) course Career & Technical Education (CTE) instructional program of study that engages students in the world of construction and architecture through coursework focusing on site selection, drafting, architectural, and engineering planning, budgeting, cost estimating, production, permits, contracting, work timetables, and project management. Students utilize strategies to solve open-ended problems while they learn how to apply technical skills, knowledge, documentation techniques, and processes using modern, industry-leading technology and software. Work-based learning experiences and industry-mentored projects will introduce students to a wide array of careers such as architects, civil engineers, construction management, cost estimators, and drafters. The AET program of study will lead to students earning AutoCAD and Revit certification, dual enrollment for up to 10 credits from Delaware Technical and Community College (Delaware Technical Community College), and advanced skills in product data management (PDM) and building information modeling (BIM).

Sequence of Courses:
- Foundations of Technology
- Processes of Architecture and Construction
- Architectural CAD Applications

Early College Credit/Credentials:
- Certified User Revit
- Certified User AutoCad
- Up to 10 college credits at Delaware Technical Community College

Work-Based Learning:
- Job Shadowing
- Mock Interviews
- Resume Workshops
- Mentorships

Certificate
- Certificate Wage: $41,460
- Surveying and Mapping Technicians
- Delaware Technical Community College

Associates Degree
- Associates Wage: $45,810
- Civil Engineering Technicians

Bachelor’s Degree
- Bachelor’s Wage: $90,410
- Civil Engineers

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

Where to find this Pathway:
- A.I. DuPont High School
- Caesar Rodney High School
- Design Thinking Academy
- Dover High School

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