

# Design and build solutions for growing communities in the **INDUSTRIAL AND ENGINEERING TECHNOLOGY PATHWAY**

Learn to use new and emerging technology to design structures and devices in the Design and Engineering Cluster Course

*Do you like working with objects and machines?*

*Like using tools and equipment?*

*Enjoy activities that require creativity?*

*Like to visualize objects in three dimensions?*

*Enjoy working with scientific and technical data?*

## **Careers That Need a High School Diploma + Training**

- Service Attendant
- Carpenter Assistant
- Cable Installer
- Drafting Aide
- Welding Apprentice

## **Careers That Need 2-3 Years Postsecondary Education + Training**

- Electronic Technician
- Operations Manager
- Drafting Technician
- Electrician
- Automotive Mechanic
- Networking Technician

## **Careers That Need a 4-Year or Graduate Degree**

- Civil Engineer
- Architect
- Electrical Engineer
- Atmospheric Scientist
- Software Engineer
- Systems Engineer