The Engineering & Technology Education Career Cluster prepares students for careers as engineers and technologists through the introduction of certain processes in mathematics, science and technology. Students learn how to apply mathematics, science and technology concepts to solve problems quantitatively in engineering projects involving design, development or production in various technologies.

**48,651** enrollments in High School programs

**+ 54,137** enrollments in Middle School programs

**= 102,788**

**TOP HIGH SCHOOL PROGRAMS**

- Engineering Pathways (17,414)
- Applied Engineering Technology (6,521)
- Communications Technology (6,000)
- Applied Robotics (5,193)
- Technical Design (4,209)

**TOP CERTIFICATIONS EARNED BY K-12 STUDENTS**

- Autodesk Certified User - Inventor
- Autodesk Certified User - AutoCAD
- Adobe Certified Associate (ACA) - Photoshop
- Certified Solidworks Associate - Academic (CSWA-Academic)
- Adobe Certified Associate (ACA) - Illustrator

**ARTICULATION PATHWAY TO COLLEGE**

- Associate Level Certified Electronic Technician (ISCET001)
- Articulates 6 credits
- Electronics Engineering Technology A.S. Degree
- **$641.04** in State College Tuition Savings

Notes: Based on 2019-2020 data. Postsecondary enrollment is limited to district programs and includes dual enrollment students.