



ENGINEERING & TECHNOLOGY EDUCATION

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.

2019-20

48,651

enrollments in High School programs



+ 54,137

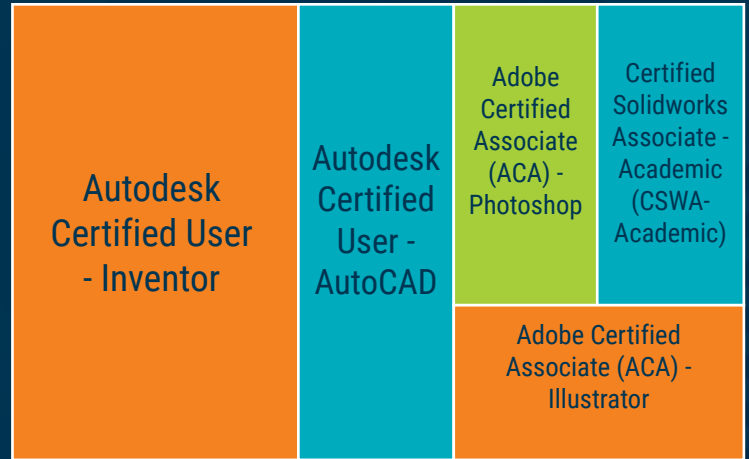
enrollments in Middle School programs



= 10,000

= 102,788

TOP CERTIFICATIONS EARNED BY K-12 STUDENTS



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)

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.