

2021-22

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.

SECONDARY

ENROLLMENT

48,859

Enrollments in High School Programs



+ 67,656

Enrollments in Middle School Programs



= 116,515



= 10,000

TOP CERTIFICATIONS EARNED BY K-12 STUDENTS

1ST Autodesk Certified User - Inventor	2ND RECF Pre-Engineering Certification	3RD Certified Solidworks Associate-Academic (CSWA-Academic)
	4TH RECF Robotics Certification	5TH Engineering Core Certification

TOP HIGH SCHOOL PROGRAMS

Engineering Pathways (19,052)

Applied Engineering Technology (7,980)

Applied Robotics (6,511)

Communications Technology (4,137)

Aerospace Technologies (3,932)

ARTICULATION PATHWAY TO COLLEGE

Certified Solidworks Professional - Academic (CSWP-Academic)

Articulates 3 credits

Simulation Technology A.S. Degree

\$320.70 in State College Tuition Savings



Notes: Based on 2021-2022 data.