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

**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.