
Career and Technical Education (CTE) at Gloucester High School

*Presented to Gloucester County School
Board
February 13, 2023*

Gloucester High School Administration

Dr. Stefan Mygas: GHS Principal

Mrs. Jodie Simpson: GHS Assistant Principal and CTE Supervisor



What is Career and Technical Education (CTE)?

- “Today’s cutting-edge, rigorous and relevant career and technical education (CTE) prepares youth and adults for a wide range of high-wage, high-skill, high-demand careers.” <https://www.acteonline.org/>



ASSOCIATION FOR
CAREER & TECHNICAL
EDUCATION®

CTE in Virginia

- “The programs are designed to prepare young people for productive futures while meeting the commonwealth's need for well-trained and industry-certified technical workers.” <https://www.cteresource.org/>



WHAT IS CAREER AND TECHNICAL EDUCATION?



92% of high school students and **69%** of college and adult students are engaged in CTE, learning skills in the classroom and on the job.¹



CTE is delivered at comprehensive and CTE-dedicated high schools, magnet schools, area technical centers, community and technical colleges and some four-year universities.

CTE students earn industry certifications and licenses, postsecondary certificates, associate degrees, bachelor's degrees and higher.



CTE is good for students, good for businesses and good for communities.



CTE high school students are college and career ready – **94%** graduate high school and most enroll directly in college.²



CTE associate degrees can pay **\$10,000 more** per year than associate degrees in other fields – and can even pay more than bachelor's degrees – while limiting student debt.³



CTE is the answer to the nation's projected deficit of **6.5 million** skilled workers, including infrastructure, health care and manufacturing workforce shortages.⁴

LEARN MORE ABOUT CTE AT ACTEONLINE.ORG

CTE PREPARES THE
WORKFORCE ACROSS A
WIDE RANGE OF INDUSTRIES
AND OCCUPATIONS.



Agriculture, Food & Natural Resources

Architecture & Construction



Arts, A/V Technology & Communications

Business Management & Administration



Education & Training

Finance



Government & Public Administration

Health Science



Hospitality & Tourism

Human Services



Information Technology

Law, Public Safety, Corrections & Security



Manufacturing

Marketing



CAREER AND TECHNICAL EDUCATION

CAREER CLUSTERS



Agriculture, Food & Natural Resources

Introduction to Vet Science/ Horticulture, Vet Science, Horticulture, & AG Science



Architecture & Construction

Construction I, II, & III



Health Sciences

Introduction to Health Careers, Medical Assisting Careers, Certified Nursing Assistant & Sports Management



Hospitality & Tourism

Introduction to Culinary, Culinary I, II, & III



Human Services

Cosmetology I, II & III



Information Technology

Computer Information Systems & Game Design



Law, Public Safety, Corrections & Security

Criminal Justice I & II, Cybersecurity I, II, & III, Naval ROTC I, II, III, & IV



Transportation, Distribution and Logistics

Automotive Technology I, II, & III



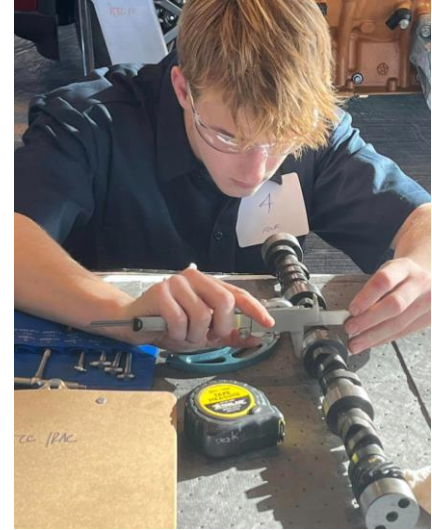
CTE CLASS DATA

HEALTH SCIENCE	HOSPITALITY	TRADES	CRIMINAL JUSTICE- 24
CNA- 10	CULINARY- 113	CONSTRUCTION TECH- 89	CYBERSECURITY- 85
HEALTH SCIENCE- 129	ROTC-213	AUTO TECH- 100	GAME DESIGN- 25
AG/VET SCIENCE- 71	ECON & FINANCE- 274	COSMETOLOGY- 50	COMPUTER INFORMATION SYSTEM- 23

Culinary- Tim Winchester



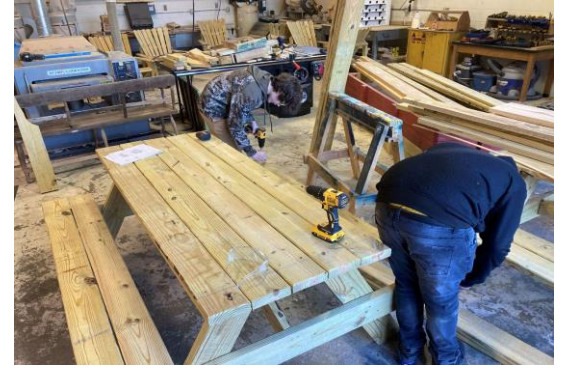
AUTOMOTIVE TECHNOLOGY- Barry Childress & Kyle Davis



Cosmetology- Michelle Sykes



Construction Technology- Tim Extine



NJROTC- Captain Ed Merkle, Senior Chief Al Grant, and Chief Nathan Williams



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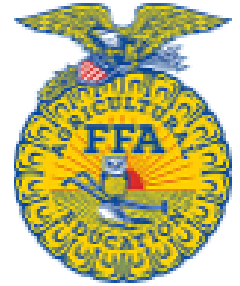


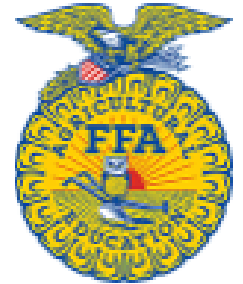
Agriculture and Veterinary Science- Renee Hypes

Student Organization-
Future Farmers of America

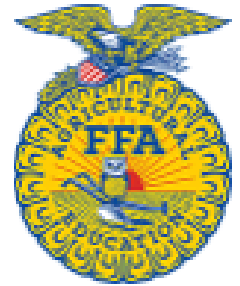




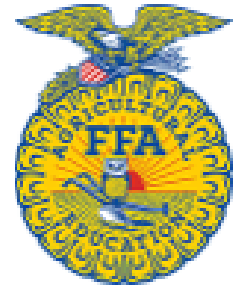




Students hold a spring plant sale that supports the AG Science program.



Students groom animals at GHS to support the Vet Science program.



Health Science Careers- Suzanne Nester, instructor

Student Organization- HOSA
Health Occupation Students of America



Health Science Careers- Suzanne Nester, MSN- instructor Student Organization- HOSA

Students learn Caregiving Skills



HOSA students volunteered at the nursing home-



Health Assisting Careers students developed prosthetics for their Capstone Project



Health Assisting Careers students developed prosthetics for their Capstone Project





Thank you!

Please come visit GHS to see our amazing CTE programs in action!

