

# CTE Career Pathways



**Agriculture**

The GHS Ag Program has a strong FFA program and offers students opportunities in Welding, Animal Science and Horticulture, including Floral Design. Career examples include: welder, veterinarian, environmentalist, forest service, county extension agent, ecologist, agriculture business, industrial technology, or horticulture.

**Arts & AV**

The Arts and AV Program offers students experience and certification opportunities in Adobe Software including Photoshop, Premiere, Illustrator, InDesign and Flash. Career examples include: graphic designer, photographer, motion picture production, multimedia artist/ animator, news anchor, audio technician, or writer.

**Business & Finance**

The Business and Finance Program provides students business savvy and an understanding of financial planning, investments, and personal finance success. Career examples include: business manager, business owner, real estate, accountant, insurance, financial planner, stock broker, or banking.

**Education**

The Education & Training Program provides students opportunities to develop educational leadership. Students shadow and tutor GISD elementary students. Career examples include: teacher, coach, principal, librarian, counselor, day care, child psychology, human services, special education, or education specialist.

**Health Science**

GHS Health Science students learn all aspects of the Healthcare Industry, participate in clinical rotations at local health care facilities and can earn industry certifications. Career examples include: nurse, EMT, radiologist, pharmacist, doctor, physical therapist, respiratory therapist, biologist, or health care administrator.

**Hospitality**

The Hospitality Pathway leads students through our Culinary Department, where students learn to prepare, plan and cook in our state-of-the-art commercial kitchen. Students learn restaurant ownership strategies and are trained to cater events. Careers include: chef, hotel/restaurant manager, caterer, tourism, or travel agent.

**Information Tech**

Information Technology trains students in software development for the world of tomorrow! Students create games and apps that students can try before they license. The robotics club competes in UIL and BEST robotics. Careers include: programmer, network administrator, systems analyst, cybersecurity, or web development.

**Law & Public Safety**

Law & Public Safety students learn all aspects of law enforcement. Students work closely with our local law enforcement professionals and have opportunity to train for competition against other LPS students. Careers include: law enforcement, investigator, military, attorney, firefighter, probation officer, forensic scientist, or game warden.

**Marketing**

The Anchor, our GHS School Store, is managed by our Marketing team. Students learn all aspects of opening a small business, marketing a small business, including the sports and entertainment industries, and advertising support. Careers include: Business owner, advertising agent, sports management or, e-commerce specialist.

**STEM**

GHS has a diverse Engineering Department which includes specializing in Civil, Aerospace, Mechanical, and Manufacturing. Students learn CAD, Solidworks, and 3D printing. Aerospace students help build an RV-12 airplane. Careers include: engineer, pilot, CAD Designer, biomedical, construction manager or physicist.

**Transportation**

The GHS Automotive Department trains students to become automotive technicians. Students learn foundational car repair including brakes, oil changes, auto systems and engine maintenance. Careers include: auto technician/mechanic, auto body repair, auto sales, auto racing teams, fleet manager or parts/sales manager.