

# Gilchrist County School District Career and Technical Education 2018-2019



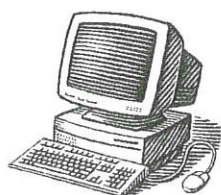
**Academy of Construction  
and Engineering**  
Trenton High School and Bell High  
School (BHS Engineering Only)



**Academy of Health  
Related Professions**  
Bell High School



**Academy of Agriscience  
and Natural Resources**  
Trenton High School and Bell  
High School



**Academy of Business  
Technology**  
Bell High School and  
Trenton Middle School



**Criminal Justice  
Operations & 911**  
Bell High School



**Information Technology  
(IT) Academy**  
Trenton High School

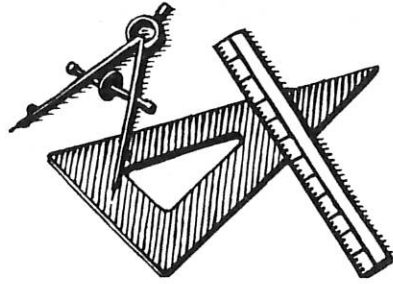


**U.S. Army JROTC**  
Bell High School

*Gilchrist County School District does not discriminate on the basis of race, color, national origin, gender, age, disability, marital status or genetic information in its educational programs, services or activities, or in its hiring or employment practices. The GCSD assures that lack of English language skills will not be a barrier to admission to or participation in any educational programs, including Career and Technical Education programs. The district also provides equal access to its facilities to the Boy Scouts and other patriotic youth groups, as required by the Boys Scout of America Equal Access Act. Questions, complaints, or requests for additional information regarding discrimination or harassment may be sent to:*

*Name and/or Title: Ronda Parrish, Assistant Superintendent  
Office Address: 310 NW 11<sup>th</sup> Avenue Trenton, Florida 32693  
Phone Number (Voice/TDD): (352) 463-3200  
E-mail: [parrishr@mygcsd.org](mailto:parrishr@mygcsd.org)*

# Academy of Construction and Engineering Technology-THS & BHS



## Program Options

### Construction (THS Only)

Building Construction Technologies 1  
Building Construction Technologies 2  
Building Construction Technologies 3 (Honors Credit)

*Industry Certification: NCCER Carpentry Level 1  
College Credit Available*

### Engineering (THS and BHS)

Applied Engineering Technology 1 (Honors Credit)  
Applied Engineering Technology 2 (Honors Credit)  
Applied Engineering Technology 3 (Honors Credit)  
Advanced Technology Applications (Honors Credit)

*Industry Certifications: AutoCAD Certified User  
AutoCAD Certified Professional  
Certified SolidWorks Associate  
College Credit Available*

### Drafting (THS Only)

Drafting 1 (Honors Credit)  
Drafting 2 (Honors Credit)  
Drafting 3 (Honors Credit)  
Drafting 4 (Honors Credit)

*Industry Certification: AutoCAD Certified User  
College Credit Available*

*These programs are open to all incoming ninth graders in Bell and Trenton. Students must submit an application in order to be considered for acceptance into the Construction/Engineering Academy.*

Are you thinking about your future? Are you looking for an exciting career with lots of opportunities for advancement? The Academy of Construction and Engineering courses prepare students to understand and apply cornerstone technological concepts and processes. The Applied Engineering Technology Program will engage students in the design, development, and engineering of practical solutions to a wide variety of real world problems, including energy, robotics, and transportation. Engineering students typically work in small groups, which encourages student application of science, physics, and mathematics in the problem solving process. Students can earn industry certifications in AutoCAD as a certified user and certified professional, and also in SolidWorks as a Certified SolidWorks Associate.

The Building Construction Technologies Program provides students with the opportunity to learn basic skills of construction and earn level one certification through the National Center of Construction Education and Research. Students will receive hands on opportunities through various building projects including gazebos, storage sheds, and models.

The Drafting Program teaches students the basics of architectural design through the use of AutoCAD software. In addition, all Engineering and Drafting students are eligible to earn industry certification as AutoCAD Certified Users. All programs in the Academy provide the foundation for students to enter postsecondary apprenticeships, community colleges, and universities. Additionally, students can earn college credits for courses taken in the Academy of Construction and Engineering Technology through the Career Pathways partnership through Florida Gateway College and Santa Fe College.

# Academy of Health Related Professions-BHS

## Program Options

### **Certified Nursing Assistant (CNA)**

Medical Skills & Services

Health Science Anatomy and Physiology (Honors Credit)

Health Science Foundations (Honors Credit)

Nurse Assisting 3\* (Honors Credit)

*Industry Certification: Certified Nursing Assistant  
College Credit Available*

### **Allied Health Assisting**

Medical Skills & Services

Health Science Anatomy and Physiology (Honors Credit)

Health Science Foundations (Honors Credit)

Allied Health Assisting 3\*

*College Credit Available*

### **Emergency Medical Responder (EMR)**

Medical Skills & Services

Health Science Anatomy and Physiology (Honors Credit)

Health Science Foundations (Honors Credit)

Emergency Medical Responder 3\* (Honors Credit)

*Industry Certification: Emergency Medical Responder  
College Credit Available*

### **Electrocardiograph Technician (EKG)**

Medical Skills & Services

Health Science Anatomy and Physiology (Honors Credit)

Health Science Foundations (Honors Credit)

Electrocardiograph Technician 3 (Honors Credit)

*Industry Certification: Electrocardiograph Technician  
College Credit Available*

\* These courses include clinical components that require students to participate in on-the-job training in one or more areas of health care, which may include nursing, dental, physical therapy, or emergency medical care.

*These programs are open to all incoming ninth graders in Bell and Trenton, with school-to-school transportation provided by the district. Students must submit an application in order to be considered for acceptance into the Health Academy.*



The health care industry is one of the fastest growing occupational areas in North Central Florida. The Health Academy at Bell High School is an exciting program designed to prepare students for employment and post-secondary education in health related careers. The program includes integrated classroom instruction, laboratory practice, clinicals, and shadowing experiences in selected health care settings. Students have the opportunity to earn college credits for courses taken in the Health Academy through the Career Pathways partnership with Florida Gateway College and Santa Fe College. All interested students are encouraged to apply for entrance to the Health Academy.

*All Academy students must complete a four year program of study including career and academic components. All Academy students are required to complete a career exit point and participate in patient care/clinical requirements in the 12<sup>th</sup> grade.*



# Agriscience and Natural Resources-BHS & THS



## Program Options

### **Agritechnology (Bell and Trenton)**

Agriscience Foundations 1 (Honors Credit)  
Agritechnology 1  
Agritechnology 2  
Agriculture Cooperative Education (Optional)

*Industry Certification:*

*Agriculture Associate, Agritechnology Specialist  
College Credit Available  
This is a STEM program!*

### **Technical Agriculture Operations (BHS only)**

Agriscience Foundations 1 (Honors Credit)  
Technical Agriculture Operations 2  
Technical Agriculture Operations 3  
Agriculture Cooperative Education (Optional)

### **Agricultural Biotechnology (THS only)**

Agriscience Foundations 1 (Honors Credit)  
Agriculture Biotechnology 2 (Honors Credit)  
Agriculture Biotechnology 3 (Honors Credit)  
Agriculture Cooperative Education (Optional)

*Industry Certification: Agricultural Biotechnology Certification  
College Credit Available  
This is a STEM program!*

## Career Opportunities

Agriscience Production/Distribution  
Agriscience Mechanics  
Agriscience Sales & Service  
Renewable Natural Resources  
Production Agriscience  
Forestry/Horticulture  
Veterinary Science

In today's world, technological and economic factors are changing the way Americans and people around the world view the importance of agriculture. The purpose of the Agriscience program is to provide students with the opportunity to experience and learn about the issues that affect agriculture today. This program helps increase the students' awareness of agricultural issues in today's society. The Agriscience program is an exciting curriculum designed to prepare students for active employment and post-secondary training in the fields of Agriscience and Agribusiness. Additionally, students can earn college credits for courses taken in the Agriscience Program through the Career Pathways partnership with the College of Central Florida. Agritechnology and Biotechnology are STEM Programs!

# Business Technology Program- BHS & TMS



## Program

### Administrative Assistant

Digital Information Technology  
Administrative Office Technology 1  
Business Software Applications 1  
Digital Design 1 (Optional)  
Business Cooperative Education (Optional, HS Only)

### *Industry Certifications:*

*Microsoft Office Specialist  
Microsoft Office Master*

*College Credit Available*

## Career Opportunities

Internet/Web Design  
Customer Service  
Business Administration/Management  
Banking & Financial Management  
Computer Programming/Applications  
Marketing  
Graphic Design  
Data Processing

*This program is open to all incoming ninth graders in Bell and incoming 6<sup>th</sup> graders in Trenton. Students must complete an application to be considered for acceptance into the Business Program.*

The Business Technology Programs at both Bell High and Trenton Middle provide students with intense training in the field of business technology, and prepares students for employment in a wide variety of areas. The programs challenge students to demonstrate critical thinking, teamwork, and leadership skills while they receive training in the latest computer applications and hardware. Additionally, Gilchrist County Schools have agreements with both Florida Gateway College and Santa Fe College which allow students the opportunity to earn credit for business courses at both the high school and college levels. Students who complete a four-year program graduate ready to enter the workforce and/or to continue their education at a post-secondary institution. Students can also earn industry certifications in Microsoft Word, Excel, PowerPoint, and Access, which are recognized by employers throughout the country.

# Criminal Justice Operations Program-BHS



## Program

### **Criminal Justice Operations**

Criminal Justice Operations 1  
Criminal Justice Operations 2  
Criminal Justice Operations 3 (Honors Credit)  
Criminal Justice Operations 4\* (Honors Credit)

### **Public Safety Telecommunication**

Dispatcher: Fire, Police, Ambulance

*College Credit Available*

*Industry Certifications Available:  
Criminal Justice (through NOCTI)  
911 PST (through Fl Dept of Health)*

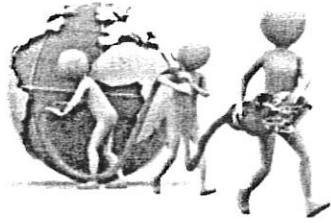
## Career Opportunities

Public Service Officer  
Forensic Investigator  
Federal/Local Law Enforcement  
Attorney  
Paralegal  
Legal Assistant  
Court Reporter  
Corrections Officer  
Probation & Parole Officer

*This program is open to all incoming ninth graders in Bell and Trenton, with school-to-school transportation provided by the district. Students must submit an application in order to be considered for acceptance into the Criminal Justice Operations Program.*

Are you interested in a career in the legal field, forensic science, or law enforcement? Then the Criminal Justice Operations Program at Bell High School is for you! Criminal Justice Operations is a program designed to prepare students for employment and post-secondary education in the field of criminal justice. The curriculum will introduce students to the criminal justice system, police ethics, constitutional law, police procedures, defensive tactics and physical proficiency skills, interpersonal communication skills, investigation procedures, court systems and trial procedures, the correctional system, forensic science, probation/parole, and crime prevention. Additionally, students can earn college credits for courses taken in the Criminal Justice Operations Program through the Career Pathways partnership with Florida Gateway College.

# Information Technology (IT) Academy-THS



## Program

### Applied Information Technology

Digital Information Technology  
Web Technologies (Honors Credit)  
IT Systems and Applications (Honors Credit)  
Multimedia Technologies (Honors Credit)

#### *Industry Certification:*

*Adobe Certified Associate Visual Communications – PhotoShop*  
*Adobe Certified Associate Rich Media Communications -*  
*Animate*

*College Credit Available*

*This is a STEM program!*

## Career Opportunities

*Included in the U.S. News “Best Jobs of 2015”!!*

Internet/Web Design  
Computer Programming/Applications  
Marketing  
Graphic Design  
Database Processing and Administration  
Software Development  
Computer Systems Analyst  
Information Security Analyst  
IT Manager

*This program is open to all incoming ninth graders in Trenton.  
Students must complete an application to be considered for  
acceptance into the IT Academy.*

The IT Academy at Trenton High School provides students with intense training in the field of information technology and prepares students for employment in a wide variety of high-wage areas. This program provides students with the opportunity to learn computer application skills including computer hardware, software applications, web applications, computer programming, web page design and advanced web tools, systems support and maintenance, network concepts, relational database concepts, multimedia tools, cybersecurity; extensive exploration of information technology careers; strategies for success including goal setting, study skills, organizing skills, learning styles, employability skills, and service learning; and core academic skills with a strong emphasis on effective communication skills. Students will earn industry certifications and may earn college credit.



# U.S. Army Junior ROTC Program-BHS

The mission of the U.S. Army Junior ROTC Program is to "Motivate Young People to be Better Americans." The program prepares high school students for responsible leadership roles while making them aware of their rights, responsibilities, and privileges as American citizens. The program is a stimulus for promoting continuing education and it provides instruction and rewarding opportunities, which will benefit the student, community, and the nation.

The program of instruction focuses on the development of better citizens by building skills in leadership, citizenship, life success, geography, and wellness, in a structured interactive environment. The JROTC program is a cooperative effort on the part of the Army and the Gilchrist County School District to provide students with opportunities for total development. Satisfactory completion of the program can lead to advanced rank in the Armed Forces.

As a cadet succeeds and elects to remain within the program, progressively more responsibilities are incurred within the ranks attained. Leadership is experienced on a daily basis and the opportunity to excel in additional areas of administration, operations, logistics, and public affairs are readily available.

Academics are critical, but the "whole person" concept is also valued, therefore participation and performance are considered in all grading periods. Whenever possible, hands-on training is integrated with formal classroom instruction.

The United States Army provides all uniforms (on a loan basis), textbooks, workbooks, and supportive training materials. The cadets are responsible for the uniforms while they are in their possession and the cadets must maintain the uniforms (cleaning, etc.). **Uniforms are normally worn once a week, on Wednesday, which is a graded requirement. There is no obligation incurred to the United States Army by any cadet for any military service, now or in the future.**



## Program

Leadership Education 1  
Leadership Education 2  
Leadership Education 3  
Leadership Education 4

## Extracurricular Activities

Color Guard  
Drill Team  
Academic Team  
Honor Guard  
Adventure Training (Raiders)  
Marksmanship Team

*This program is open to all incoming ninth graders in Bell and Trenton, with school-to-school transportation provided by the district. Students must submit an application in order to be considered for acceptance into the JROTC Program.*