



## Automotive Collision Repair

2-year program Grade levels: 10, 11, 12 Level 1: AM session/Level 2: PM session Level 1 Fee: Approximately \$50  
Certifications: ICAR, ASE Student, SP2 Safety and EPA rule 6H, OSHA Paid Internships/Apprenticeships May Be Available

- ◆ Students will learn vehicle collision repair procedures including sheet metal and plastic repair, MIG welding, estimate writing, and painting vehicles.
- ◆ Potential Careers: Auto Body Repair Technician, Painter, Estimator

## Automotive Technology

2-year program Grade levels: 10, 11, 12 Level 1: AM session/Level 2: PM session Level 1 Fee: None  
Certifications: ASE student certifications, OSHA Paid Internships/Apprenticeships May Be Available

- ◆ Students will learn engine repair & performance, suspension & steering, brakes, electrical, and HVAC
- ◆ Potential Careers: Automotive Service Technician, Small Engine Mechanic, Various Industrial & Manufacturing Careers

## Diesel Technology

2-year program Grade levels: 10, 11, 12 Level 1: AM session/Level 2: PM session Level 1 Fee: None  
Certifications: ASE student certifications, OSHA Paid Internships/Apprenticeships May Be Available

- ◆ Light and heavy repair of diesel engines, including brakes, steering & suspension, engine teardown and reassembly are covered.
- ◆ Potential Careers: Diesel Service Technician, Transfer Truck and Heavy Equipment Repair Technician



## Firefighting

2-year program Grade levels: 10, 11, 12 Level 1: AM session/Level 2: PM session Level 1 Fee: Approximately \$30  
Certifications: IFSAC Firefighter 1 & 2, NIMS\_ICS 100, 200, 700, 800, Haz-Mat Awareness & Operations, OSHA-10, Auto Extrication

- ◆ Student MUST be 16 years old to begin this course and pass a physical
- ◆ Partnership with the SC Fire Academy and Mauldin Fire Department
- ◆ Students must properly get into full FF gear while being timed, participate in physical fitness activities, perform skills in ladder safety, live burns, vehicle extrication, and much more. Successful completion of course is worth 6-8 credit hours toward a Fire Science Associate's Degree.
- ◆ Potential Careers: Firefighter, Fire Inspector, Fire Prevention Engineer

## Law Enforcement

2-year program Grade levels: 10, 11, 12 Level 1: AM session/Level 2: PM session Level 1 Fee: None  
Certifications: Dispatch (Greenville County Sheriff's Office), NIMS, CPR/First Aid, and OSHA-10

- ◆ Students will learn communication skills, impact of the US Constitution, SC law, importance of ethics, values, and principles, use of force, physical and emotional health impact, patrol procedures, tactics, traffic stops, crime scene investigation, substance abuse issues, court procedures, and terrorism issues. Students will also be required to participate in frequent physical training.
- ◆ Potential Careers: Police Officer, 911 Dispatcher, Military Police, Probation Officer, Corrections Officer, Security Officer



## Machine Tool Technology

2-year program Grade levels: 10, 11, 12 Level 1: AM session/Level 2: PM session Level 1 Fee: None  
Certifications: NIMS, OSHA-10 Paid Internships/Apprenticeships May Be Available

- ◆ Learn to read blueprints, operate a drill press and milling machine to make machine parts.
- ◆ HAAS CNC mill and lathe machines and simulators are used to prepare students for careers in modern manufacturing environments.
- ◆ Early College Credit through Greenville Technical College may be offered.
- ◆ Potential careers: Machinist, CNC Programmer and Operator, Tool & Die Maker, Production-Control Technician

## Mechatronics

2-year program Grade levels: 10, 11, 12 Level 1: AM session/Level 2: PM session Level 1 Fee: None  
Certifications: NCCER, OSHA-10, OSHA-30 Paid Internships/Apprenticeships May Be Available

- ◆ Branch of engineering that focuses on designing, manufacturing and maintaining products that have both mechanical and electronic components. Employees in this field are in HIGH demand!
- ◆ Early College Credit through Greenville Technical College may be offered.
- ◆ Potential Upstate Employers: Michelin, Bosch Rexroth, GE, BMW, and others

## Welding Technology

2-year program Grade levels: 10, 11, 12 Level 1: AM session/Level 2: PM session Level 1 Fee: \$66 if purchased at school  
Certifications: OSHA-10, AWS Paid Internships/Apprenticeships May Be Available

- ◆ Welding permanently joins metal parts. In this process, heat is applied to metal pieces, melting and fusing them to form a permanent bond. Plasma Arc Cutting, as well as the 4 main types of welding are covered: SMAW, GMAW/MIG, FCAW, GTAW/TIG
- ◆ Early College Credit through Greenville Technical College may be offered.
- ◆ Potential careers: Welder, Automotive Industry, Robotics, Underwater Welding

## Cosmetology

2-year program Grade levels: 11, 12 Level 1: AM session/Level 2: PM session Level 1 Fee: Approximately \$490.00

Certification: SC Cosmetology License, OSHA, Microburst, Braiders License

- ◆ Students will learn the science of cosmetology along with the following practices: shampoo/rinse, scalp/hair treatment, hair styling, manicure, pedicure, chemical waving and relaxing, hair color, skin care, makeup, and hair removal.
- ◆ Students must meet all requirements set forth by the SC Dept. of Labor, Licensing, and Regulation, which includes providing a social security card and state photo ID upon initial enrollment in the course. <http://www.llr.state.sc.us>
- ◆ Potential careers: Hairstylist, Salon Owner, Skin Care Specialist, Nail Care Specialist

## Nail Technology

1-year program Grade levels: 10, 11, or 12 Level 1: AM or PM session

Fee: Approximately \$150/kit & \$175/exam

Certification: SC Nail Technician License, OSHA

- ◆ Students will learn the skills of nail art and sculpting.
- ◆ Students must meet all requirements set forth by the SC Dept of Labor, Licensing, and Regulation, which includes providing a social security card and state photo ID upon initial enrollment in the course. <http://www.llr.state.sc.us>
- ◆ Potential careers: Nail Technician in salon or spa, Salon Manager, Podiatry Assistant (with additional medical training)

## Digital Art and Design

2-year program Grade levels: 10, 11, 12 Level 1: AM session/Level 2: PM session Level 1 Fee: None

Paid Certifications: Adobe Photoshop, Illustrator, and InDesign

Internships/Apprenticeships May Be Available

- ◆ Taught in a "Mac Lab" (Apple computers with large monitors)
- ◆ This course covers computer skills using the Adobe Suite software to learn layout design, digital illustration and manipulation of images. Students also get hands-on experience with screen printing, video editing, vinyl cutting/application and photography skills.
- ◆ Potential careers: Graphic Designer, Marketing, Printing, Publishing, and Creative and Technical Fields

## Culinary Arts Management

2-year program Grade levels: 10, 11, 12 Level 1: AM session/Level 2: PM session Level 1 Fee: Approximately \$66.00

Certifications: ServSafe, ProStart, OSHA, Fire Extinguisher

Paid Internships/Apprenticeships May Be Available

- ◆ Students will learn basic food production and service, cuisines, dining room operations, menu and workplace management skills.
- ◆ Early College Credit through Greenville Technical College may be offered.
- ◆ Potential Careers: Chef/Head Cook, Caterer, Restaurant Owner, Event Planner

## Building Construction

2-year program Grade levels: 10, 11, 12 Level 1: AM session/Level 2: PM session Level 1 Fee: None

Certifications: NCCER Core, OSHA-10, First Aid/CPR

Paid Internships/Apprenticeships May Be Available

- ◆ Students will learn safety, use of hand and power tools, blueprint reading, carpentry, electrical, plumbing, and masonry.
- ◆ Early College Credit through Greenville Technical College may be offered.
- ◆ Potential Careers: Electrician, Plumber, Carpenter, Brick mason, Construction Managers

## Heating, Ventilation, Air Conditioning & Refrigeration

2-year program Grade levels: 10, 11, 12 Level 1: AM session/Level 2: PM session Level 1 Fee: Approximately \$27.00

Certifications: EPA 608, OSHA-10, R410A, HVAC Excellence Employment Ready, Industry Competency Exam (ICE)m Gastite Piping, Microburst, Internships/Apprenticeships

- ◆ Students will learn installation and service of commercial and residential heating, cooling and refrigeration systems.
- ◆ Potential Careers: Installers, Service Technicians, Engineers, Designers, Supervisors, Owners

## 9<sup>th</sup> Grade Career Exploratory

1-year class

Grade level: 9

AM session or PM session – 1 semester only

Fee: None

Certification: Microburst

- ◆ Students are provided with an introduction to a variety of Career and Technology Education coursework and careers.
- ◆ Based on student interest and goals, opportunities to explore GSCC programs through shadowing and career examination will be provided.

Class  
Times

AM session: (Blocks 1-2)  
PM session: (Blocks 3-4)

Travel

Buses run from Hillcrest High, JLMann High, and Mauldin High OR students may drive (with parent and school permission)

WBL

Work Based Learning opportunities are available in most programs. Earn money and course credit simultaneously.

Golden Strip Career Center is part of Greenville County Schools with students from Hillcrest, JLMann and Mauldin High Schools attending career programs. Students interested in attending should complete the online application via the Backpack portal system during the registration window. Grades, discipline, and attendance are reviewed for each applicant.

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[www.greenville.k12.sc.us/gstripcc/](http://www.greenville.k12.sc.us/gstripcc/)