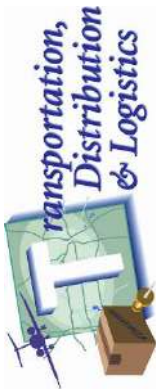




# CTE PROGRAMS



## Automotive Collision Repair

2-year program Grade levels: 10, 11, 12 Level 1: AM session Level 2: PM session

Certifications: 20+ I-CAR Collision Repair Certificates, ASE Student Certification, OSHA-10 Safety Training

- ◆ Students will learn vehicle collision repair procedures including sheet metal 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

Certifications: ASE student certification, SP2 safety, OSHA-10

- ◆ Students will learn engine repair & performance, suspension & steering, brakes, electrical, and HVAC
- ◆ Potential Careers: [Automotive Service Technician](#), [Small engine mechanic](#), [Diesel Service Technician](#), [Heavy Vehicle and Mobile Equipment Service](#)

## Firefighting

2-year program Grade levels: 10, 11, 12 Level 1: AM session Level 2: PM session

Certifications: IFSAC Firefighter 1 & 2, Haz-Mat Awareness & Operations, CPR/First Aid/AED

- ◆ Student MUST be 16 years old to begin this course and pass a medical exam
- ◆ Partnership with the SC Fire Academy, Berea and Duncan Chapel Fire Departments
- ◆ 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

Certifications: Dispatch (IAED and Greenville County Sheriff's Office), OSHA-10, First Aid/CPR, National Incident Management System through FEMA

- ◆ 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](#), [Security officer](#)

## Machine Tool Technology

2 year program Grade levels: 10, 11, 12 Level 1: AM session Level 2: PM session

Certifications: NIMS, OSHA-10

- ◆ Use power tools, such as an electric lathe and mill to make machine parts. Work from blueprints, CAD or CAM files; precise measurement; attention to detail is important.
- ◆ HAAS CNC mill and lathe machines and simulators are used to prepare students for career opportunities in modern manufacturing environments.
- ◆ 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

Certifications: NIMS, OSHA-10

- ◆ Students will read blueprints, schematics, and diagrams, calibrate hydraulic and pneumatic assemblies, and verify dimensions of parts using precision measuring instruments.
- ◆ Operate metalworking machines to make housings, fittings, and fixtures. Students will test the performance of electro-mechanical assemblies using test instruments; and install electronic parts and hardware using soldering equipment and hand tools.
- ◆ Potential careers: [Robotics Technician](#), [Electro-Mechanical Technician](#), [Automation](#), [Electrical](#), or [Mechanical Engineer](#)

## Welding Technology

2-year program Grade levels: 10, 11, 12 Level 1: AM session Level 2: PM session

Certifications: OSHA-10, AWS

- ◆ Welding is the most common way of permanently joining 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
- ◆ Potential careers: [Welder](#), [Automotive industry](#), [Robotics](#), [Underwater welding](#)





## Building Construction

2-year program Grade levels: 10, 11, 12 Level 1: AM session Level 2: PM session

Certifications: NCCER Core, OSHA-10

- ◆ Students will learn safety, use of hand and power tools, blueprint reading, carpentry, electrical, plumbing, and masonry.
- ◆ Potential Careers: [Electrician](#), [Plumber](#), [Carpenter](#), [Brick mason](#), [Construction Managers](#)



## Culinary Arts Management

2-year program Grade levels: 10, 11, 12 Level 1: AM or PM session Level 2: AM or PM session

Certifications: ServSafe, ProStart

- ◆ Students will learn safety, sanitation, sustainability, nutrition, menu planning, food production and service, cuisines, dining room operations, and culinary math (measurement, food/labor cost, portion size)
- ◆ Combining culinary skills and management curriculum will give students an edge on their peers in the food industry.
- ◆ Potential Careers: [Chef/Head Cook](#), [Food server](#), [Restaurant owner](#), [Event Planner](#)



## Cosmetology

2-year program Level 1: 11<sup>th</sup> grade, AM or PM session Level 2: 12<sup>th</sup> grade, AM or PM session

Certification: SC Cosmetology License

- ◆ Students will learn the science of cosmetology: personal hygiene, anatomy, dermatology, trichology, nail structure, & chemistry. They will also learn 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](#)



## Graphic Communications

2-year program Grade levels: 10, 11, 12 Level 1: AM session Level 2: PM session

Certifications: Adobe Photoshop, Illustrator, and InDesign.

- ◆ 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 will also get hands on experience with screen printing, offset press, and photography skills.
- ◆ Potential careers: [Graphic Designer](#), [Marketing](#), [Print press operator](#), [Photographer](#)

## Career Exploratory

- ◆ 9<sup>th</sup> or 10<sup>th</sup> grade, one-semester course
- ◆ 2 units of credit
- ◆ Flexible scheduling: 1<sup>st</sup> sem AM or PM, 2<sup>nd</sup> sem AM or PM
- ◆ 100 seats available per year (50 per semester)
- ◆ Students will have an opportunity to shadow all career programs, as well as learn soft skills and leadership skills.

**Class Times** AM session: 9:00 AM – 11:40 AM  
PM session: 12:45 PM – 3:25 PM  
(times subject to change)

**Travel** Buses run from Berea High, Carolina High, Travelers Rest High, and Wade Hampton High OR students may drive (with parent permission)

**WBL** Work Based Learning opportunities are available in most programs in the second and third year for qualified students. Earn money and course credit simultaneously.

Enoree Career Center is part of Greenville County Schools with 10<sup>th</sup>, 11<sup>th</sup>, and 12<sup>th</sup> grade students from Berea, Carolina, Travelers Rest, and Wade Hampton High attending the career programs. An online application via the Backpack portal system must be submitted during the registration window. Grades, discipline, and attendance are reviewed for each applicant.



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