Thank You To Our Business Sponsors!

.Dual Credit through Piedmont Technical College:

- Pre-Engineering (PLTW)
- Information Technology
- Health Science
- Automotive Technology

"Preparing Our Students for the Future"

CTE

ABBEVILLE COUNTY
ACCC
CAREER CENTER

THE ABBEVILLE COUNTY CAREER CENTER
WHERE INDUSTRY, TECHNOLOGY &
EDUCATION MEET!

Abbeville County Career Center
"Preparing Our Students for the Future"

**Report to the Community
2019-2020**

Welcome to
Career Center Life
Where Industry, Technology
and Education
Meet!

CTE
Career and Technical Education

Automotive Technology
Transportation, Distribution & Logistics Career Cluster

Grade Level:
      11th for first year students—Dual Credit
      12th for second year students-Dual Credit

Automotive Technology is a two-year program designed for students to pursue a career or further study in automotive mechanics. Students will learn automobile history, structure, theory, and repair. In the first year students learn shop safety, tool identification and usage, and basic brake and electrical systems. In the second year. students train in advanced engine performance, steering and suspension systems, wheel alignment, and advanced electrical and brake diagnosis. Students will be prepared for entry-level positions as technicians in dealerships, as parts specialists, or for further education. *College placement test required.*

Courses	Block	College Dual Credits
Auto Tech 1	3rd—4th	AUT 101 Automotive Fundamentals
Auto Tech 2	3rd—4th	AUT 122 Suspension & Alignment
Auto Tech 3	1st—2nd	AUT 112 Braking Systems
Auto Tech 4	1st—2nd	AUT 132 Automotive Electricity
Industry Certifications		
Microburst, OSHA 10 *ASE (Student): Brakes, Maintenance & Light Repair,* *Steering/Suspension, Engine Performance & Electricity*		

Community Night

Each year the Career Center hosts Community Night. This fun-filled event provides career-to-work, technical, and post-secondary informational booths, business and industry presenters, food, live entertainment, kids activities, and more. Community Night offers CTE students who attend the Career Center post-secondary career exposure, work-based learning opportunities, and educational experiences that are needed to develop career goals. Additionally, Community Night helps the local and surrounding counties see what CTE has to offer while having a lot of fun at the same time.

Career Presenters

⇒ National School Breakfast and Lunch Program
⇒ Western Piedmont Education Consortium (WPEC)
⇒ Abbeville County Fire Marshall
⇒ Erskine College
⇒ Piedmont Technical College
⇒ Pro Towels
⇒ Abbeville County Adult Ed.
⇒ Abbeville Area Medical Center
⇒ Abbeville County Animal Shelter
⇒ SC Department of Commerce
⇒ Abbeville County EMS
⇒ WCTel
⇒ Abbeville City Fire Department
⇒ Sage Automotive Interiors
⇒ Prysmain Group
⇒ ACS Manufacturing, Inc.
⇒ Abbeville County Development Board
⇒ Wheels of Time
⇒ Monat Hair Products
⇒ Great Clips

Because of the unprecedented Corona Virus Pandemic, hands-on clinical training and other mandatory lab hour requirements shifted to on-line learning experiences. Through the assistance of DHEC and LLR, students were able to use school-based laboratories as experiences needed to complete his or her certifications. Additionally, before the pandemic, our Culinary Arts program entered ProStart State Competitions for the fourth time.

We are proud to be working collaboratively with McCormick County School District for the past two years. We are equally proud that we are able to provide more CTE opportunities for students who reside in rural areas. We continue to encourage and seek new business partners, industries, community members, organizations, and parents to be a part of our continuous improvement process and annual school activities. We pride ourselves on staying up-to-date with business and industry trends so that our students complete our programs with the skills that lead to success and sustainable lifestyles.
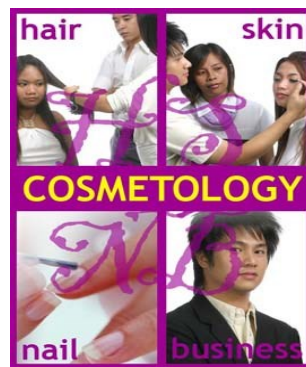
Dorinda Bell

Dorinda Bell, Director

Cosmetology
Human Services Career Cluster

Grade Level: 11th for first year students
                    12th for second year students— State Licensure

Cosmetology is a two-year program designed to prepare students for passing a licensing examination and becoming licensed cosmetologists. The requirements for becoming a licensed cosmetologist are passing the State Board exam and successful completion of 1500 classroom hours. Students learn the basics of hair, skin, and nails, including scalp and hair treatments, massage, facials, manicures, pedicures, roller placement, and hair-cutting. Training includes personal hygiene, bacteriology, sanitation, professional ethics, shop management, and marketing and sales. In the second year, students will learn finger waves, pin curls, chemical waves, relaxers, hair press, artificial hair, hair coloring and much more. Students are prepared to work in salons, spas, other personal care facilities or to further their education. Additionally, students are also qualified to open their own business.

New State Board regulations regarding minimum hours and prerequisite grades for program continuation may be implemented this fall.
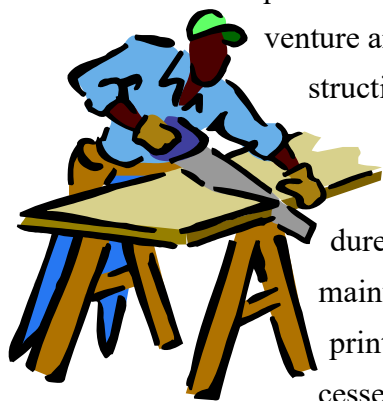
Courses	Block	Industry Certifications
Cosmetology 1	3rd and 4th	*SC Cosmetology License*
Cosmetology 2	3rd and 4th	*SC Braiders License*
Cosmetology 3	1st and 2nd	*Microburst*
Cosmetology 4	1st and 2nd	*OSHA 10*

Carpentry
Architecture and Construction Career Cluster

Grade Level:
10th or 11th for first year students
11th or 12th for second year students

More than a required course or elective, **Carpentry** is both an adventure and a career! While participating in construction work-based projects, students will learn aspects of residential and commercial construction including safety procedures, hand and electrical tools, equipment maintenance, shop management, blue print reading, and related mathematical processes. Instructions will include lab, on-site, and classroom activities. In the second year, students will be involved in design, layout, and selection of materials for individual construction projects. Students will gain advanced knowledge in construction, carpentry, building supply, roofing, electrical, and related fields. Students are prepared for entry-level positions in a construction related field or to further their education.

Courses	Block	Skills
Carpentry 1	3rd and 4th	*Blue Print Reading, Rough Construction Material Selection, Design, Roofing Electrical*
Carpentry 2	3rd and 4th	
Carpentry 3	1st and 2nd	**Industry Certifications**
Carpentry 4	1st and 2nd	*NCCER—Carpentry* *OSHA 10* *Microburst*

Director's Report

Abbeville County Career Center is preparing all students for real-world skills and career characteristics of the Profile of the South Carolina Graduate by offering sustainable programs in the areas of technical, industrial, educational, and commercial experiences that generate opportunities for success. The curriculum at the Career Center continues to provide practical, interactive, and hands-on activities throughout the classrooms that directly relate to college readiness and career preparedness. Our programs continue to offer more rigor and growth through the process of integrating academic and career-ready standards, goals and objectives.

Due to the Profile of the SC graduate, work-based opportunities and internship awareness has increased real-world opportunities for our CTE students. Recruitment and retention efforts for our CTE programs continue to be an on-going work in progress. As a result of this progress ACCC in conjunction with a state supported grant has worked collaborative with McCormick County School District to offer more CTE programs to both counties. This collaborative effort allowed both counties to funnel funds to help support curriculum and instructional needs for students from both Districts. Through this grant, students from McCormick High School were able to attend classes at Abbeville County Career Center. Additionally, these students are able to participate in and received industry credentials that will help increase placement for CTE students in both counties. We continue to invest in our Center by offering sustainable programs that directly impacts our rural area.

All programs provided by ACCC incorporates in-depth and rich learning lab experiences, field trips, career exploration events, and skill demonstrations through guided career tours, state competitions, and skill assessments. As in previous years, dual credit courses are offered as a part of the Project Lead the Way, Information Technology, Health Science and Automotive Technology programs.

Professional Development

Education Business Summit

Career Exploration Tour

Presented by

Abbeville County Career Center

⇒ *Olweus Bulling Training*

⇒ *Social Emotional Learning Training*

Safe Schools

⇒ *School Based Behavioral Threat Assessment & Management Guidelines*

Jason Flatt

⇒ *The Mental Health Issues Surrounding Suicidal Ideation*

Career and Technology Education

Culinary Arts
Hospitality and Tourism Career Cluster

Grade Level:
  11th for first year students
  12th for second year students-ProStart

Culinary Arts prepares students for gainful employment and/or entry into post-secondary education in food production and the service industry. The Culinary Arts program utilizes the National Restaurant Association's certificate program entitled ProStart. ProStart is a certification program that takes students beyond the typical courses of study by teaching the students real-world skills that they will use in their restaurant careers. The instructor assists students in finding a job with a mentor, who will teach and guide them through learning the skills necessary to complete the ProStart workplace checklist. Recognized throughout the restaurant and hospitality industry, students earn the National Pro-Start Certificate of Achievement after completing the 2 year program and 400 service hours in the industry.

Courses	Block	Industry Certifications
Intro to Culinary Arts Management	3rd and 4th	ServSafe Food Handler
Intro Hospitality & Tourism Management	3rd and 4th	ServSafe Manager
Culinary Arts I	3rd and 4th	ProStart
Culinary Arts II	1st and 2nd	Microburst
Event & Entertainment Management	1st and 2nd	OSHA 10

Health Science

Health Science Career Cluster

Grade Level: 11th for first year students—Dual Credit
12th for second year students-Clinicals

Health Science Technology is a two-year program designed to provide knowledge and entry-level skills required for a large number of medical careers. Students will learn entry-level skills for entering the medical field while exploring many different health careers. Through classroom and lab instruction, students will learn CPR, First Aid, medical terminology, personal care skills, physical therapy skills, medical legalities, anatomy, physiology, nutrition, and disease management. Six dual credit hours can be earned in the first year of Health Science. In the second year, students will prepare for internships in hospitals, nursing homes, and area medical facilities. Students participate in *Emergency, Surgery, Intensive Care, Physical Therapy, Respiratory Care, Radiology, Cardiology* clincials to only name a few. Students are prepared for entry-level positions in the health care field or to further their education. *Passing Exit Exam and taking the college placement test are required. An average of 80 or higher in HS1 is recommended in order to progress to HS 2.*

Courses	Block	College Dual Credits
Health Science 1	3rd and 4th	AHS 102 Medical Terminology
Health Science 2	3rd and 4th	AHS 205 Medical Ethics and Law
Health Science 3	1st and 2nd	AHS 155 Special Topics in Health Care
Clinical Study Pharmacology for Medical Careers	1st and 2nd	AHS 163 Long Term Care PHM 101 Intro to Pharmacy
Industry Certifications		
First Aid/CPR, CNA, Basic Life Support (BLS), OSHA 10 (HS), NHSA, Pharmacy Tech & Microburst		

Program Tours & Presentations

Dixie High School

Abbeville High School

McCormick High School

Calhoun Falls Charter School
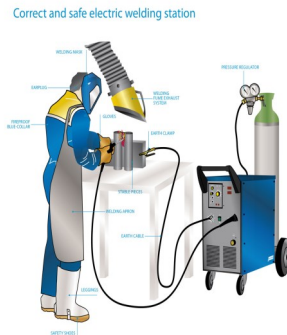
Wright Middle School

Welding Technology
Manufacturing Cluster

Grade Level:
    11th for first year students
    12th for second year students

Welding Technology is a two-year program designed for students to obtain a welding certificate after the first year of completion and a welding diploma after the second year of completion. The welding curriculum supports the planning, managing, and performing the processing of materials into intermediate or final products. A career in welding also relates professional and technical support activities product control, planning and maintenance needs. The welding program prepares students for job in the mig, stick, and tig industries. The entire program provides dual enrollment courses for the students.

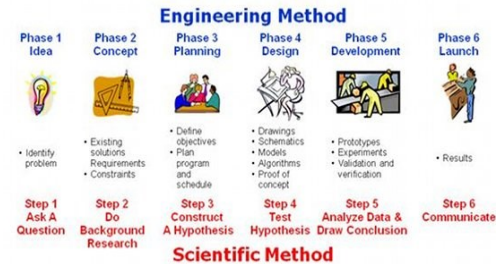| Courses	Block	Industry Certifications
Welding Technology 1	3rd and 4th	American Welding Society (AWS)
Welding Technology 2	3rd and 4th	
Welding Technology 3	1st and 2nd	Microburst
Welding Technology 4	1st and 2nd	OSHA 10

Pre-Engineering (PLTW)
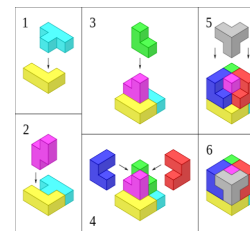*Science, Technology, Engineering, Mathematics Career Cluster*

Grade Level: 11th for first year students—PLTW Dual Credit
                12th for second year students—PLTW Dual Credit

In **Project Lead the Way** students will be introduced to the scope, history, rigor, and discipline of engineering with a strong emphasis on math, science, and technology. Students will use 3-D computer modeling software to design and create program models to analyze and solve engineering problems. The students will explore technology systems along with the manufacturing process while incorporating the benefits of math and science. In addition, students will learn robotics, automated manufacturing, and create 3-D replicas of their own designs with a 3-D printer. This program is closely aligned with the engineering programs at USC, other universities, and most South Carolina state colleges.

Requirements: Minimum scores on college placement test, successful completion of Geometry and Algebra 2 or concurrent enrollment. Overall GPA of 3.0 or higher. Courses must be taken in sequence. Dual credit courses may change to coincide with technical college requirements.

Courses	College Dual Credits	Certifications
Intro Engin Design	EGT 152 Fund of CAD	*Autodesk Inventor Certified User CLAD OSHA 10 Microburst*
Principles of Engineering	EGR 130 Engin Apps & Prog	
Computer Integrated Man.	CIM 131 Computer Integrated Manufacturing	
Civil Engin & Architecture	AET 101 Building Systems I	

Firefighting
Law, Public Safety, Corrections & Security Career Cluster

Grade Level:
   11th for first year students
   12th for second year students

The **Firefighter Program** course curriculum and objectives are established by the South Carolina Fire Academy and the IFSTA's Essentials of Fire Fighting, 6th Edition. Students learn fire service history, safety, communication skills, firefighting protective equipment, building construction, fire behavior, structural searches and victim removal. Upon completion of Firefighter I and II, students can take the corresponding national-level certification exam. Course completion alone does not meet the criteria for achieving national certification for firefighting. Other certifications that are completed within these courses include: First Aid/CPR/AED, Emergency Medical Technician, Hazardous Materials Awareness, Hazardous Materials Operations, Basic Auto Extrication, First Responder.

Courses	Block	Industry Certifications
Firefighting I	$3^{rd} - 4^{th}$	*First Aid/CPR/AED*
Firefighting II	$1^{st} - 2^{nd}$	*Emergency Medical Technician*
College Credits / Dual Enrolled		*IFSAC Firefighting I*
EMS 105 Emergency Medical Care I		*IFSAC Firefighting II*
EMS 106 Emergency Medical Care 2		*Hazardous Materials Awareness*
		Hazardous Materials Operations
		Basic Auto Extrication
		First Responder Certification
		OSHA Firefighting
		Microburst Employability Skills

Networking Systems
Information Technology

Grade Level:
   11th for first year students—IT Dual Credit
   12th for second year students—IT Dual Credit

In **Information Technology** students will learn computer hardware and software along with networking and security. We will create secure networks as well as assemble and repair computers. Cybersecurity will be discussed and techniques to protect networks will be highlighted. Students will also take national certification exams for networking and computer systems. Program completers will earn up to 12 college credits transferable to 4 and 2 year colleges. Students are prepared for entry-level positions in engineering, architecture, robotics, and a variety of other engineering technician positions as well as computer networking and security.

Courses	Grade	Block	College Dual Credits
Network Fundamentals	$11^{th}-12^{th}$	1st	IST 220 Data Communication
Advanced Networking	$11^{th}-12^{th}$	2nd	CPT 282 Information Systems Security
Computer Repair Service	$11^{th}-12^{th}$	1st	CPT 209 Computer Systems Management
Advanced Computer Operating Systems	$11^{th}-12^{th}$	2nd	CPT 257 Operating Systems
Industry Certifications			
Comp TIA Network+; Comp TIA Security+; A+; OSHA 10 Microburst Employability Skills			