

Thank You To Our Advisory Committees!

Dual Credit through Piedmont Technical College:

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

“Preparing Our Students for the Future”

CTE



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

Abbeville County Career Center
“Preparing Our Students for the Future”

**Report to the Community
2021-2022**



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

Additional School Highlights

Abbeville County Career Center (ACCC), students and staff worked diligently to achieve recognition as a Palmetto Gold recipient. The honor came as a result of meeting Career and Technical Education (CTE) goals the previous school year.

ACCC is currently seeking individuals to serve on our school improvement council. If you are willing to contribute to this body, please contact Dorinda Bell or Mark Dean at 864-366-9069 or via email at dbell@acsdsc.org or mdean@acsdsc.org.

SC Stem Signing Day 2022

South Carolina Stem Signing Day 2022 is presented by **Boeing and the SC Manufacturers Alliance.**

Stem Signing Day celebrates high school seniors who chose to pursue STEM education at technical programs, two-and four-year colleges, and universities.

All SC high school seniors who plan to attend a two-year or four-year college or university and pursue a STEM degree or program are eligible to apply. This year one CTE student will be awarded and granted this opportunity. Last year SC Stem honored students from various career pathways and post-high school plans, such as seniors committed to welding and electrical apprenticeships, students pursuing four-year degrees in nursing, education, biology, and aerospace, as well as students with plans to attend technical colleges.

2022 South Carolina STEM Signing Day

We are excited to announce that the application is open for 2022 STEM Signing Day! Presented by Boeing and SC Manufacturers Alliance and Powered by Tallo. All South Carolina high school seniors who plan to attend a two-year or four-year college or university and pursue a STEM degree or program are eligible to apply on Tallo.

2022 STEM Signing Day will take place Spring 2022!

Become a Tallo member to apply.

Already a member? Apply today.

JOIN TALLO

APPLY NOW



Powered By



Community Night

Industry Showcase

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. Community Night helps the local and surrounding counties see what CTE has to offer while having a lot of fun at the same time.

2021—2022 Career Presenters

Abbeville County Animal Services	ACS Manufacturing
Abbeville County Voter Registration	Abbeville County 911
ACSD Food & Nutrition Department	ACSD Adult Ed
Calhoun Falls State Park	Hickory Knob State Park
Baker Creek State Park	Self Regional Healthcare
WcTel	Prymain Group
Holston Air & Gas	Great Clips
Liyahs Luxury Hair Studio	Rockin Robin Music Show
Wheel of Time Car Show	
Piedmont Technical College (14 Different Departments)	

Survey Results from Community Night 54 Responses

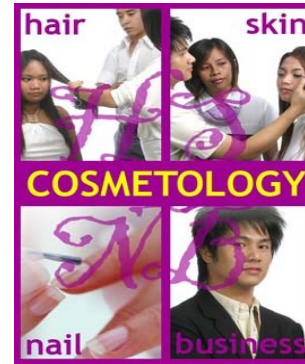
89% rated the event as good or great
 85% rated the program information and vendor tables as informative
 67% rated registration process as effective or very effective
 23% rated registration process as neutral
 93% rated the food as good and enjoyable
 95% rated the entertainment and family activities as appropriate

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 qualified to open their own business.



New State Board regulations regarding minimum hours and prerequisite grades for program continuation may be implemented this fall.

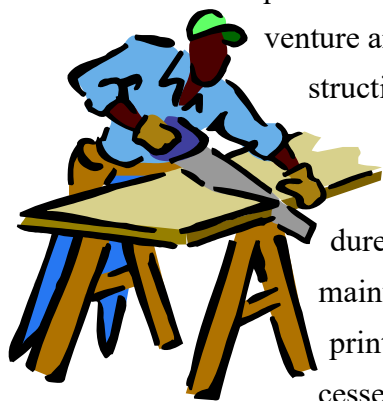
Courses	Block	Industry Certifications
Cosmetology 1	3 rd and 4 th	<i>SC Cosmetology License</i>
Cosmetology 2	3 rd and 4 th	<i>SC Braiders License</i>
Cosmetology 3	1 st and 2 nd	<i>Microburst</i>
Cosmetology 4	1 st and 2 nd	<i>OSHA 10</i>

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	3 rd and 4 th	<i>Blue Print Reading, Rough Construction Material Selection, Design, Roofing Electrical</i>
Carpentry 2	3 rd and 4 th	
Carpentry 3	1 st and 2 nd	Industry Certifications
Carpentry 4	1 st and 2 nd	<i>NCCER—Carpentry OSHA 10 Microburst</i>

Director's Report

Abbeville County Career Center (ACCC), like many schools in the state and the nation, worked diligently to provide students the best education possible amidst the presence of the COVID-19 pandemic. Efforts employed during this time have resulted in the discovery and usage of vast technology and virtual techniques to promote student achievement. At ACCC, students were provided instructional settings using varied technology tools and learning management systems. Google Classroom, Google Meet, and other Google platforms are still being used on virtual days for instructional delivery. In addition, our classes and programs use learning management systems such as Cengage Mindtap and iCEV, as a part of their curriculum to continue to provide quality instruction.

During this pandemic, the enactment of Perkins V instituted seven performance indicators that govern local improvement plans submitted to the state department of education. This year, Abbeville County CTE programs met and/or exceeded the seven indicators set forth by the state department of education for school year 2020–2021. The seven indicators are Four-Year Graduation Rate, Academic Proficiency in Reading/Language Arts, Mathematics, and Science, Post-Program Placement, Non-traditional Program Enrollment, and Attained Recognized Post-secondary Credential.

Dorinda Bell

Dorinda Bell, Director

Professional Development



Education Business Summit

- ⇒ *Blooms vs. DoK (Depth of Knowledge)*
- ⇒ *What Great Teachers Do Differently*
- ⇒ *Social Emotional Learning Training*

Safe Schools

- ⇒ *Alice Training*

Jason Flatt

- ⇒ *The Mental Health Issues Surrounding Suicidal Ideation*

Administration

- ⇒ *Good To Great*
- ⇒ *Annual Growth For All Students; Catch-up Growth For Those Who are Behind*

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

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, and Cardiology* clinicals to only name a few. Students are prepared for entry-level positions in the health care field or to further their education. **Requirements:** *An average of 75 or higher in Biology 1 and passing the college placement test. An average of 75 or higher and teacher recommendation to advance to the next courses.*



Courses	Block	College Dual Credits
Health Science 1	3 rd and 4 th	
Health Science 2	3 rd and 4 th	AHS 205 Medical Ethics and Law
Health Science 3	1 st and 2 nd	AHS 116 Dual Enrollment Patient Care Relations
Clinical Study Pharmacology for Medical Careers	1 st and 2 nd	AHS 163 Long Term Care
Industry Certifications		
<i>First Aid/CPR, CNA, Basic Life Support (BLS), OSHA 10 (HS), NHSA, Pharmacy Tech & Microburst</i>		

SIC Annual Goals

- Increase the graduation rate of students who attend the Career Center.
- Create more opportunities for work placement with business and industry.
- Provide more rigor to support career and college readiness standards in reading, math, and science.
- Develop good work habits and an understanding of safety in the workplace.

Student Achievement

Abbeville County Career Center students first semester grade performance yielded an average of 80% of the students receiving a grade of A/B in their career center programs of study.

Certifications 2021-2022

Automotive Technology - ASE Maintenance/Light Repair, Brakes (Yr 2 students) OSHA 10, and Microburst

Carpentry - NCCER (Yr 2 students) OSHA 10, and Microburst

Cosmetology - SC Cosmetology License (Yr 2 students), OSHA 10, Microburst, OSHA 10, and Microburst

Culinary Arts - Pro Start and Serve Safe Managers (Yr 2 students) , OSHA 10, Microburst, Serve Safe Food Handlers, and AMSA Food Safety & Science

Health Science - National Health Science (Yr 2 students) , First Aid, CPR, OSHA 10, Microburst, and First Aid/CPR

Information Technology - Comp TIA A+, OSHA 10, and Microburst

Project Lead the Way - Autodesk Inventor Certified User, OSHA 10, and Microburst

Welding - American Welding Society (Yr2 students), OSHA 10, and Microburst

Students were administered the Armed Services Vocational Aptitude Battery-Career Exploration assessment (ASVAB-CEP) to support their career exploration.

Program Tours & Presentations



Dixie High School



Abbeville High School



McCormick High School



Wright Middle School



Calhoun Falls Charter School

October 25, 2021
November 4, 2021

October 27, 2021
March 23, 2022

Highlights, Goals & Achievements

School Highlights

A total of 16 students were inducted into the ACCC National Technical Honor Society (NTHS) this school year. Among the leadership and service activities NTHS students have taken part include work with Hospice Store, Harvest House, Habitat for Humanity, area churches, community clean-ups, and 8th and 10th grade career center tours.

A virtual Career Day (SC Days) sponsored by Tallo was held to expose Career and Technical Education students to careers in Business, Health Science, Information Technology, and Manufacturing. Information was shared by representatives from Prisma Health, Self Regional Healthcare, Emily Marketing Group, MacLean Power Systems, and ZF Transmissions. Students also received information about academic programs from staff with Lander University and Piedmont Technical College.

Students received an opportunity to attend the Upper Savannah Regional Job Fair held at Piedmont Technical College. Prior to the event, students participated in a job fair preparation session on campus with the Upper Savannah Regional Career Specialist.

Students were provided classroom guidance sessions to expose them to the use of career related technology tools, Journeys Map and Tallo. These resources assisted students in exploring their career interests and showcasing their knowledge and experiences for future college and career opportunities.

Pre-Engineering (PLTW)

Science, Technology, Engineering, Mathematics Career Cluster

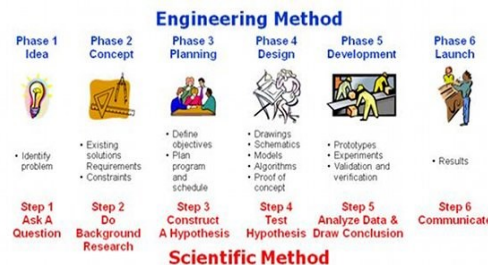
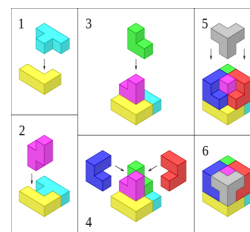
Grade Level: 11th for first year students—PLTW Dual Credit
12th for second year students—PLTW Dual Credit

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

and solve problems. They will explore technology along with the 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, average of C or higher in Geometry and Algebra 2 and/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.



to design and create models to analyze engineering problems. Students will explore technology systems 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.

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	

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. They create secure networks as well as 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	1 st	CPT 209 Computer Systems Management
Advanced Computer Operating Systems	11 th -12 th	2 nd	CPT 257 Operating Systems
Industry Certifications			
Comp TIA Network+; Comp TIA Security+; A+; OSHA 10 Microburst Employability Skills			

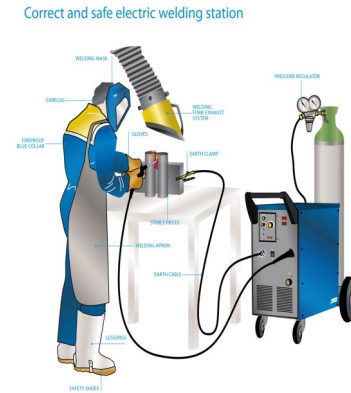
Welding Technology

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 earn various American Welding Society (AWS) certifications after the completion of the program. The welding curriculum supports planning, managing, and performing the processing of materials into intermediate or final products. A career in welding provides professional and technical support activities, product control, planning and maintenance needs. This program prepares students for jobs in the areas of mig, stick, and tig industries. The entire program provides competency and industry based skills needed to secure gainful employment in the welding industry.



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