

# Thank You To Our Business Sponsors!

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**"Preparing Our Students for the Future"**

# CATE



**THE ABBEVILLE COUNTY CAREER CENTER  
WHERE DREAMS BECOME A REALITY!**

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

**Report to the Community  
2014-2015**



**Welcome to  
Career Center Life**

The **vision** of Abbeville County Career Center is to shape and prepare students throughout the county in the areas of technical, business, industrial, and educational experiences by offering sustainable programs that generate opportunities for success.

**CATE  
Career and Technology Education**

## Automotive Technology

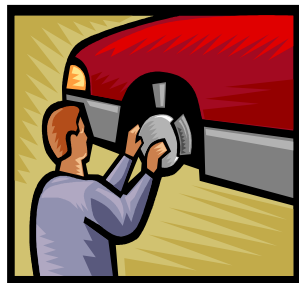
### Transportation Career Cluster

Grade Level:

11th for first year students

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 <sup>rd</sup> and 4 <sup>th</sup>	
Auto Tech 2	3 <sup>rd</sup> and 4 <sup>th</sup>	
Auto Tech 3	1 <sup>st</sup> and 2 <sup>nd</sup>	AUT 101 Automotive Fundamentals
Auto Tech 4	1 <sup>st</sup> and 2 <sup>nd</sup>	AUT 112 Braking Systems
		<b>Certification</b>
		<i>Career Safe</i>

## 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 CATE students who attend the Career Center post-secondary career exposure, jobs, and educational experiences that are needed to develop career goals. Additionally, Community Night helps the local and surrounding countries see what CATE has to offer, while having a lot of fun at the same time.

## Career Presenters

- ⇒ SC Department of Natural Resources
- ⇒ Abbeville County Fire Safety Trailer
- ⇒ Piedmont Education Business Alliance (PEBA)
- ⇒ SC National Guard
- ⇒ Project Hope
- ⇒ SC Works
- ⇒ SC Voter Registration
- ⇒ Health Related Home Care
- ⇒ CSX Transportation
- ⇒ Sage Automotive Interiors
- ⇒ Prysmian Group
- ⇒ Abbeville Area Medical Center
- ⇒ SC Vocational Rehabilitation
- ⇒ Upper Savannah REC
- ⇒ Piedmont Technical College
- ⇒ Greenville Technical College
- ⇒ Lander University
- ⇒ USC
- ⇒ Erskine College
- ⇒ Precious Jewels Salon
- ⇒ Abbeville Co. Dev. Board
- ⇒ Cornerstone
- ⇒ Bobbie's Unique Boutique
- ⇒ Simply Unique Hair Salon
- ⇒ Classic Car Show
- ⇒ Bi-Lo
- ⇒ Schrock's Repair
- ⇒ Nurse-Family Partnership

## ***Director's Report Continued—***

builds and sells a 1300 sq. ft. house that is auctioned at the end of the school year with the funds being placed back into the program. The Cosmetology program operates a clinic that is open to the public once a week and provides hair-care and skin-care services. One exciting addition to the Career Center is the Culinary Arts program. The implementation of the Culinary Arts curriculum can be seen at Wright Middle School Tuesday through Thursday and with our Business Partners: Theo's, Talk of the Town, and Marie's Restaurants. Culinary Arts offers the ProStart certification upon successful completion of the program. Additionally, performance goals and skill attainment is exemplified by End-of-Program exams given in every programs as well as national and state exams that, upon successful completion, provide certification and/or licensure to students.

We encourage business partners, community members, organizations, and parents to continue to participate in school activities and annual school improvement projects. 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.

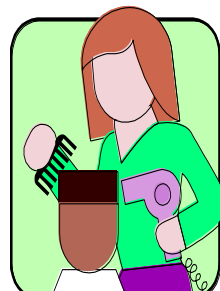
*Dorinda Bell Dunlap*

Dorinda Bell Dunlap,  
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 cosmetologists 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	Certification
Cosmetology 1	3 <sup>rd</sup> and 4 <sup>th</sup>	
Cosmetology 2	3 <sup>rd</sup> and 4 <sup>th</sup>	
Cosmetology 3	1 <sup>st</sup> and 2 <sup>nd</sup>	
Cosmetology 4	1 <sup>st</sup> and 2 <sup>nd</sup>	State Licensure

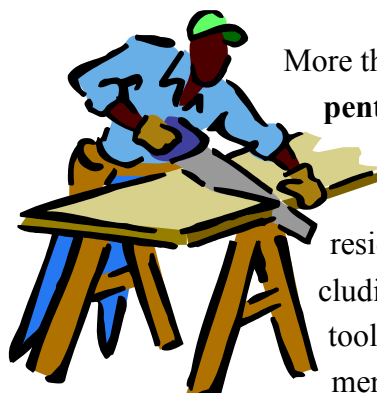
## Carpentry

### 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 constructing a 1300 sq. ft. house, students will learn the aspects of residential and commercial construction including safety procedures, hand and electrical tools, equipment maintenance, shop management, blue print reading, and related mathematical processes.

Instruction 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 advance knowledge in construction, carpentry, building supply, roofing, electrical, and related fields. Students are prepared for entry-level positions in the construction related field or to further their education.

Courses	Block	Skills Included
Carpentry 1	3 <sup>rd</sup> and 4 <sup>th</sup>	Blue Print Reading
Carpentry 2	3 <sup>rd</sup> and 4 <sup>th</sup>	Rough Construction
Carpentry 3	1 <sup>st</sup> and 2 <sup>nd</sup>	Material Selection, Design, Roofing
Carpentry 4	1 <sup>st</sup> and 2 <sup>nd</sup>	Electrical

## Director's Report

The vision of Abbeville County Career Center is to prepare students in Abbeville County for the technical, business, industrial, and educational world by offering sustainable programs that generate opportunities for success. The curriculum at the Career Center embodies this vision in several ways by designing practical, interactive, and hands-on activities in 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 and objectives. We are placing our students more firmly on the path to succeed by maintaining dual credit and articulation agreements with the local technical college, and providing more internship opportunities for students in his or her chosen field.

The Career Center received an Absolute Rating of “**Excellent**” and a Growth Rating of “**Excellent**” on the Annual School Report Card, earning the Center the state’s prestigious “**Palmetto Gold Award**”. The school continues to perform well in the areas of Technical Skill Proficiency, Academic Achievement, and Placement Rate. As a result, our programs certify and license students in the areas of health science, cosmetology, and culinary arts. Our continual improvement process also helps create innovative ways to recruit and retain non-traditional students in our programs.

Dual credits are offered as a part of the Project Lead the Way, Health Science, and Automotive Technology programs. Hands-on clinical training is conducted in the Health Science program. Clinical training is performed in the elementary schools in the district, Abbeville Area Medical Center, and local doctors’ offices and nursing homes throughout the county. Annually, the Carpentry program

**Jump Start Your Career  
Get the Edge on the Job Market**



**Dual Credit through Piedmont Technical College:**

- Project Lead the Way Pathway to Engineering
  - Health Science Technology
  - Automotive Technology



*Introduction to Firefighting  
Firefighting 1  
Firefighting 2  
Work-based Credit/Firefighting*

**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.

New this year to the Abbeville County Career Center, the Culinary Arts program is utilizing the National Restaurant Association 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 ProStart Certificate of Achievement after completing the 2 year program and 400 service hours in the industry.

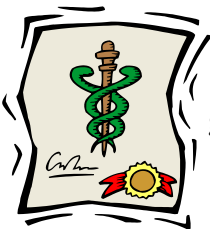
Courses	Block	Certification
Intro to Culinary Arts	3 <sup>rd</sup> and 4 <sup>th</sup>	
Hospitality Management & Operations	3 <sup>rd</sup> and 4 <sup>th</sup>	
Culinary Arts I	3 <sup>rd</sup> and 4 <sup>th</sup>	
Culinary Arts II	1 <sup>st</sup> and 2 <sup>nd</sup>	
Baking and Pastry	1 <sup>st</sup> and 2 <sup>nd</sup>	ProStart



## 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 different 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 credits 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* clinicals 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	3 <sup>rd</sup> and 4 <sup>th</sup>	AHS 102 Medical Terminology
Health Science 2	3 <sup>rd</sup> and 4 <sup>th</sup>	AHS 205 Medical Ethics and Law; 1st Aid/CPR Certification
Health Science 3	1 <sup>st</sup> and 2 <sup>nd</sup>	Anatomy and Physiology, Clinical Internship or CNA Certification
Clinical Study	1 <sup>st</sup> and 2 <sup>nd</sup>	Anatomy and Physiology, Clinical Internship or CNA Certification

## Project Lead the Way - Pathway to Engineering

### Science and Engineering Career Cluster

Grade Level: 11th for first year students—Dual Credit  
12th for second year students—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 and science. Students will use 3-D computer modeling software to create program models to analyze and solve design problems. They will explore the manufacturing process of technology systems. In the second year students will learn digital electronic logic using computer simulation. Also, they will design, construct, and test electrical circuits and devices. 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. Program completers will earn up to 24 college credits transferable to 4 and 2 year colleges. Students are prepared for entry-level positions in electrical and mechanical engineering, architecture, building construction, robotics, and a variety of other engineering technician positions. *Minimum scores on college placement test, successful completion of Geometry and Alg 2 or concurrent enrollment is strongly recommended. Prior honors level math courses are advised.*



Courses	Block	College Dual Credit
Intro to Engineering Design	3 <sup>rd</sup>	EGT 152 Fundamentals of CAD
Intro to Graphic Communications	4 <sup>th</sup>	ARV 110 Computer Graphics 1
Principles of Engineering	3 <sup>rd</sup>	EGR 130 Engineering Apps & Programming
Image Editing (Digital Photo)	4 <sup>th</sup>	ARV 114 Photography I
Digital Electronics	1 <sup>st</sup>	EET 140 Digital Electronics
Small Business Management	2 <sup>nd</sup>	MGT 120 Small Business Management
Computer Integ. Manufacturing	1 <sup>st</sup>	MTT 250 Principles of CNC
Webpage Design and Development	2 <sup>nd</sup>	ARV 121 Design