

# ACE

BEAUFORT-JASPER ACADEMY  
FOR CAREER EXCELLENCE

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Ridgeland, SC 29936



## Program of Studies 2022-2023

*"Proudly serving the students of Beaufort and Jasper Counties since 1976"*



# **Beaufort-Jasper Academy for Career Excellence**

80 Lowcountry Drive  
Ridgeland, SC 29936  
843-987-8107  
Bjace.org

2021-2022  
Program of Studies

**BEAUFORT COUNTRY SCHOOL DISTRICT**

Dr. Frank Rodriguez, Superintendent

**JASPER COUNTY SCHOOL DISTRICT**

Dr. Rechel Anderson, Superintendent

**ACE Director**

Dr. Michael Lovecchio

**ACE Asst. Director**

Mrs. Adrienne Jones

# TO STUDENTS AND PARENTS/CAREGIVERS:

The purpose of the *Program of Studies* is to help students and parents make choices from among the range of career and technical (CTE) programs available at ACE. The selection of an appropriate program requires careful thought. Students are encouraged to develop their current interests and find a CTE program that sparks a passion.

At ACE, a vast amount of time and effort is dedicated to assist students in selecting courses which best fit each individual's academic needs and interests. The course selection procedure is designed to ensure that students, parents, teachers, and school counselors all collaborate and contribute to the decision-making process by thoughtfully reviewing course options.

Eleventh and twelfth grade students and their parents are asked to tentatively select all of their courses desired during their time at ACE. While the plan will require updating each year, advance planning will help to ensure that your goals are attained.

Teachers and Counselors from both your feeder school and ACE are available to provide assistance to all parents/caregivers and students. Please take advantage of their expertise and make your important decisions after careful thought.

Dr. Mike Lovecchio  
ACE Director

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## Course Availability

All courses outlined in *The Program of Studies* may be limited in enrollment. Staffing decisions are dependent upon course enrollments and available resources. Low enrollment or staffing constraints may result in the cancellation of courses and/or sections. When enrollment must be limited, preference will be given first to those closest to completing a program followed by new enrollees. If a course is not available for any of the reasons stated above, affected students will be notified by their school counselor, who will assist students in making alternative program selections. Conflicts in scheduling could occur for any course at both ACE and at your feeder school; therefore, it is important for students to make certain to prioritize their courses when planning out their four-year academic program.

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**Prior to registering, make certain you have reviewed your graduation requirements with your school counselor**

<p>The Academy for Career Excellence does not discriminate on the basis of race, color, national origin, sex, disability or age in its programs and activities. Inquiries regarding the nondiscrimination policies should be made to: Director, ACE, 80 Lowcountry Drive, Ridgeland, SC 29936, (843) 987- 8107</p>
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## ACE Eligibility Criteria

All students are encouraged to attend ACE. At times it is necessary to determine fit. ACE will consider the following factors when determining eligibility for enrollment.

- Students must be on grade level and have met district and state graduation requirements up to enrollment date.
- Previous grades, attendance and discipline
  - Due to the requirements associated with many ACE programs, students must demonstrate academic capability, personal responsibility and ability to adhere to program related safety standards.
- Student IGP's must align with the ACE program in which they are enrolling.
- Students must be eligible to take all required state and national certification tests associated with each program. Criteria for these tests are determined by national and state agencies.
- Cosmetology, Barbering, Nail Tech and Health Science Tech students must be at least 16 years old to enroll and commit to attending two full semesters and one half semester at ACE.
  - Students must have a SC State or Federally Issued ID, birth certificate and a social security card to take the state licensing examination.
- Barbering and Cosmetology students must obtain necessary clock hours each semester in order to progress to the next course level. Mandatory hours will be provided outside of school time to allow students to meet the state requirements. Both programs require a kit (roughly \$300) prior to the start of classes. Lastly, barbering students need to complete a TB test prior to the start of school.
- EMS is a one semester class, open to seniors only, and leads to students taking the EMT certification exam. The examination can be taken at any time, however EMT licensure will not be awarded until student is 18 and possesses a high school diploma.
  - Students must have a SC State or Federally Issued ID, birth certificate and a social security card to take the state licensing examination.

***Note: Work-based credit is available for all programs. Please see our Career Development Facilitator or instructor for additional details.***

# CONSTRUCTION & MANUFACTURING

- I. Building Construction & Design Technology 1, 2, 3, and 4
- II. Electricity 1, 2, 3, and 4
- III. Welding 1, 2, 3, and 4

## **I. Building Construction & Design Technology**

Building Construction prepares individuals to apply technical knowledge and skills in the building, inspecting, and maintaining of structures and related properties in accordance with state and local standards. Students build structures and engage in problem-based learning that exposes them to commercial, industrial, residential, public works and institutional technologies to help them understand the jobs of construction careers. They learn proper safety procedures for tools and machinery, vocabulary and terms associated with construction, blueprint reading, and symbols associated with architecture, and math concepts and principles used in construction.

Industry Recognized Certifications: NCCER & OSHA 10

Building Construction I (1 Credit)	}	<b>(2<sup>nd</sup> Semester Grade 11)</b>
Building Construction II (2 Credits)		
Building Construction III (1 Credit)	}	<b>(1<sup>st</sup> Semester Grade 12)</b>
Building Construction IV(2 Credits)		

Course Codes: 6060, 6061, 6062, 6063



Grade Level: 11 & 12

Prerequisite: No prerequisite for Level 1; Courses taken sequentially

## II. Electricity

The electricity program provides a survey of the theory, terminology, equipment, and practical experience in the skills needed for careers in the electrical field. Through hands-on experiences, students continue building skills in the installation, operation, maintenance, and repair of electrical systems, with emphasis on industrial applications. They also study lighting fixtures, overcurrent protection, service equipment, motor controls, transformers, grounding, and the National Electrical Code (NEC) Book.

Industry Recognized Certifications: NCCER & OSHA 10

Electricity I	(1 Credit)		<b>(2<sup>nd</sup> Semester Grade 11)</b>
Electricity II	(2 Credits)		
Electricity III	(1 Credit)		<b>(1<sup>st</sup> Semester Grade 12)</b>
Electricity IV	(2 Credits)		

Course Codes: 6287, 6288, 6289, 6290



Grade Level: 11 & 12

Prerequisite: No prerequisite for Level 1; Courses taken sequentially

## III. Welding

Welding is designed to provide students with the skills and knowledge to effectively perform cutting and welding applications used in the construction industry or in advanced manufacturing. Students will develop proficiency in fundamental safety practices in welding, interpreting drawings, creating computer aided drawings, identifying, and using joint designs, efficiently laying out parts for fabrication. This program will provide the students with skills in basic Shielded metal arc welding (SMAW), gas metal arc welding (GMAW), Flux core arc welding (FCAW), Gas tungsten arc welding (GTAW), as well as quality control methods.

Industry Recognized Certifications: American Welding Society Certification (AWS) & OSHA 10

Welding I	(1 Credit)		<b>(2<sup>nd</sup> Semester Grade 11)</b>
Welding II	(2 Credits)		
Welding III	(1 Credit)		<b>(1<sup>st</sup> Semester Grade 12)</b>
Welding IV	(2 Credits)		

Course Codes: 6340, 6341, 6342, 6343

Grade Level: 11 & 12

Prerequisite: No prerequisite for Level 1; Courses taken sequentially

## TRANSPORTATION, OPERATIONS & LOGISTICS

- I. Automotive Collision Repair Technology 1, 2, 3, and 4
- II. Automotive Technology 1, 2, 3, and 4
- III. Marine Technology 1, 2, 3, and 4

### I. Auto Collision Repair Technology *(Auto Body)*

The Automotive Collision Repair Technology program is designed to prepare students to repair automobiles and light commercial vehicles. Automotive Collision Repair Technology students receive instruction in frame alignment, surface finishing, and shop management. Upon successful completion of the program standards, the student will be prepared for postsecondary education and entry-level automotive collision repair-related careers. Program standards are based on NATEF-ASE, Vehicle Manufacturers, and I-CAR industry standards

Industry Recognized Certifications: I-CAR, ASE & OSHA 10

Auto Collision I	(1 Credit)	}	(2 <sup>nd</sup> Semester Grade 11)
Auto Collision II	(2 Credits)		
Auto Collision III	(1 Credit)	}	(1 <sup>st</sup> Semester Grade 12)
Auto Collision IV	(2 Credits)		

Course Codes: 6020, 6021, 6022, 6023

Grade Level: 11 & 12

Prerequisite: No prerequisite for Level 1; Courses taken sequentially



## II. Auto Technology

Students will explore, handle, and perform basic functions in engine repair, automatic transmission and transaxle, manual drive train and axles, suspension and steering systems, and brakes. In the second half of the program, students will learn about advanced tasks in engine repair, automatic transmission and transaxle, manual drive train and axles, suspension and steering systems, and brakes. They also learn about electrical, electronic, and HVAC systems in automobiles. Students who successfully complete the Automotive Technology program may be eligible to take the Automotive Service Excellence (ASE) Student Certification examination. The ASE Student Certification is the first step in building a career as a service professional in the automotive industry.

Industry Recognized Certifications: ASE, EPA Section 609 Refrigerant & OSHA 10

Auto Technology I	(1 Credit)	<b>(2<sup>nd</sup> Semester Grade 11)</b>
Auto Technology II	(2 Credits)	
Auto Technology III	(1 Credit)	<b>(1<sup>st</sup> Semester Grade 12)</b>
Auto Technology IV	(2 Credits)	

Course Codes: 6030, 6031, 6032, 6033

Grade Level: 11 & 12

Prerequisite: No prerequisite for Level 1; Courses taken sequentially

## I. Marine Technology *(Marine Craft Maintenance and Repair)*

In the Marine Tech program, students are exposed to service and repair of watercraft and marina operations, students learn marine trade skills in areas including shop and boating safety, inboard and outboard systems, carpentry, electricity, and vessel storage/handling. In addition, students will gain entry-level marine trade skills in areas including inboard and outboard systems, fiberglass construction and repair, welding, and tools and equipment operation. The course is based on the Yamaha Marine Tech Standards and National Marine Trades Curriculum, developed by the American Boat and Yacht Council (ABYC). Students will be able to obtain a certification as a Yamaha Marine Technician.

Industry Recognized Certifications: Yamaha Marine Technician, ABYC & OSHA 10

Marine Technology I	(1 Credit)	<b>(2<sup>nd</sup> Semester Grade 11)</b>
Marine Technology II	(2 Credits)	
Marine Technology III	(1 Credit)	<b>(1<sup>st</sup> Semester Grade 12)</b>
Marine Technology IV	(2 Credits)	

Course Codes: 6971, 6972, 6973 & 6974

Grade Level: 11 & 12

Prerequisite: No prerequisite for Level 1; Courses taken sequentially

## HOSPITALITY & HUMAN SERVICES

- I. Culinary Arts (*1 Semester Program*)
- II. Emergency Medical Services (*1 Semester Program*)
- III. Law Enforcement (*1 Semester Program*)
- IV. Nursing/Health Science (CNA)

### I. Culinary Arts

Culinary Arts is a one semester program that prepares students for gainful employment and/or entry into postsecondary education in the food production and service industry. Content provides students the opportunity to acquire marketable skills by examining both the industry and its career opportunities. This course emphasizes skills in the following areas: cuisines, culinary basics, culinary mathematics, dining room operations, food production techniques, food service management, menus nutrition, professionalism, recipes, safety and sanitation, and sustainability. The program will be augmented by a school Food Truck as well onsite opportunities.

Industry Recognized Certifications: ServSafe Server, ServSafe Manager & Prostart (NRAEF)

Culinary I	Course Code- 5720	(1 Credit)	<b>Any Semester</b>
Culinary II	Course Code- 5721	(2 Credits)	<b>Grade 11 or 12</b>

#### **Dual Credit Courses through TCL:**

**CUL 101** – Principles of Food Production - This is an introductory course in food preparation, including kitchen safety and sanitation. Emphasis is placed on the practical presentation of simple foods, terminology, and techniques of preparation of nutritious quality food.

**HOS 155** – Hospitality Sanitation - This course is a study of local, state and national regulations governing sanitary food handling practices

## II. Emergency Medical Services (EMS)

Emergency Medical Services (EMS) is a one semester program, open to high school seniors, designed to teach students how to recognize and respond to various emergencies. Students will review basic anatomy and physiology as it relates to injury management and treatment. Students will learn about legal and ethical implications, communications, safety, infection control and professionalism. Focus will be on skills necessary to recognize, care, and transport patients from emergency scenes to the hospital. Students will obtain BLS certification with the potential of becoming a licensed EMT\*.

This course is offered for high school seniors. Students may begin the course prior to their 18th birthday, however, to take the National Registry Examination for EMT, the student must be at least 18 years old. Further information regarding EMT requirements can be found at the National Registry of Emergency Medical Technicians: [www.nremt.org](http://www.nremt.org); South Carolina EMS Educators Association, [www.scems.com/edassn](http://www.scems.com/edassn); and South Carolina Department of Health and Environmental Control, <http://www.scdhec.gov/hr/ems>.

Industry Recognized Certifications: BLS, OSHA 10 & EMT\*

**\*NOTE: National Registry allows candidates under the age of 18 to test for their certification. Students must test, receive their passing scores, and once the student turns 18 AND possesses a high school diploma, they can apply for their full practicing certification National registry card expires in two years and state certification expires every four years.**

EMS I	(1 Credit)	<b>Any Semester</b>
EMS II	(1 Credit)	<b>Grade 12</b>
EMS III	(2 Credit)	

Course Code: 5531, 5532 & 5533

Grade Level: 12

Prerequisite: Must be in Grade 12; Courses taken sequentially

## III. Law Enforcement Services

Law Enforcement is a one semester program that prepares individuals to perform the duties of police and public security officers, including patrol and investigative activities, traffic control, crowd control and public relations, witness interviewing, evidence collection and management, basic crime prevention methods, weapon and equipment operations and maintenance, report preparation and other routine law enforcement responsibilities.

Law Enforcement I	(1 Credit)	<b>Any Semester</b>
Law Enforcement II	(2 Credits)	<b>Grade 11 or 12</b>

Course Code: 6510, 6511

Grade Level: 11 & 12

### III. Nursing/Health Science (CNA)

Health Science I	(1 Credit)	}	(2 <sup>nd</sup> Semester Grade 11)
Health Science II	(2 Credits)		
Health Science III	(1 Credit)	}	(1 <sup>st</sup> Semester Grade 12)
Health Science Clinical	(2 Credits)		

Industry Recognized Certifications: Certified Nursing Assistant (CNA)\*, CPR & Medical OSHA 10

\*Students must be 16 years of age, have a state ID and social security number to take the state licensing exam.

#### **Health Science I & Health Science II**

In Health Science I & II, students are introduced to healthcare history, careers, law and ethics, cultural diversity, healthcare language and math, infection control, professionalism, communication, basics of the organization of healthcare facilities, and types of healthcare insurance. In addition, students will focus on interpreting vital signs, first aid and CPR.

Course Code: 5550 & 5551

Grade Level: 11 & 12

Prerequisite: Biology 1, Courses taken sequentially

#### **Health Science III & Health Science Clinical**

Health Science III focuses on the human body. Students will gain knowledge of all human body systems and how they work (Anatomy and Physiology). This course will emphasize the study of disease, prevention and treatment (Pathophysiology). Health Science Clinical Study is designed to give students a clinical experience. This course can be a Certified Nurse Aide program or an individualized work based clinical experience for the student. Students will have classroom time to review the necessary skills and qualifications needed to complete rotating internships that will require travel to worksites. This 40-hour Clinical Study program is meant to be a flexible program that works with district adapted clinical programs and certifications

Course Code: 5552 & 5560

Grade Level: 11 & 12

Prerequisite Health Science 1 & 2 and CPR/First Aid certification

## BEAUTYCULTURE

- I. Cosmetology 1, 2, 3 & 4
- II. Master Haircare (Barbering) 1, 2, 3 & 4
- III. Nail Technology 1, 2, 3 & 4

### I. Cosmetology\*

The Cosmetology Program is designed to prepare students to qualify and successfully complete all requirements for a South Carolina Cosmetology license. The student receives training following the guidelines and regulations established by the South Carolina Labor, Licensing, and Regulation (SCLLR) Cosmetology Board. The course of study includes Sanitation and Safety, Professionalism and Salon Management, Sciences of Cosmetology, Professional Hair Care Skills, Professional Nail Care Skills, Professional Skin Care Skills, and Unassigned Specific Needs. Instruction in chemistry, bacteriology, and anatomy and physiology of the face, head, arms, and hands is incorporated by means of theory and of practical application on both mannequins and live models. *Students must be 16 years of age, pay for a student materials kit and have a state ID and social security number to be allowed to take the state licensing exam.*

Cosmetology I	(1 Credit)	}	(2 <sup>nd</sup> Semester Grade 11)
Cosmetology II	(2 Credit)		
Cosmetology III	(3 Credits)	}	(1 <sup>st</sup> Semester Grade 12)
Cosmetology IV	(2 Credits)		
			(2 <sup>nd</sup> Semester Grade 12- ½ Day @ ACE)

**\*Students will need to attend additional clinical workshops offered throughout the school year (on weekends) to meet the LLR Licensing Requirements. These will occur during evenings, weekends and school breaks/vacations.**

Course Code: 6150, 6151, 6152, 6153

Grade Level: 11 & 12

Credits/Hours: 8 units/1000 hours plus 540 academic hours required by SCLLR

## II. Master Hair Care (Barbering)\*

The Barber/Master Hair Care Specialist Program is designed to prepare students to become Registered Barbers or Master Hair Care Specialists. The student receives training following the guidelines and regulations established by the South Carolina Labor, Licensing, and Regulation (SCLLR) Barber Board. Students will perform techniques and arts such as hair cutting and styling, facial treatments, trimming and shaving of facial hair, chemical hair relaxing, tinting, coloring, shampooing, and rinsing. Instruction in chemistry, bacteriology, and anatomy and physiology of the face, head, arms, and hands is incorporated by means of theory and practical application on both mannequins and live models. Also included in the course of study is barber shop/salon planning and management. **Students must be 16 years of age, pay for a student materials kit and have a state ID and social security number to be allowed to take the state licensing exam.**

Barbering I	(1 Credit)	}	<b>(2<sup>nd</sup> Semester Grade 11)</b>
Barbering II	(2 Credit)		
Barbering III	(3 Credits)	}	<b>(1<sup>st</sup> Semester Grade 12)</b>
Barbering IV	(2 Credits)		

**\*Students will need to attend additional clinical workshops offered throughout the school year to meet the LLR Licensing Requirements. These will occur during evenings, weekends and school breaks/vacations.**

Course Code: 6158, 6159, 6160, 6161

Grade Level: 11, 12

Credits/Hours: 8 units/1000 hours plus 540 academic hours required by SCLLR

## III. Nail Technology

The Nail Technology program is designed to prepare students to become licensed nail technicians. Nail Technology students receive training in the art and science of the care and beautification of nails. The student receives training following the guidelines and regulations established by the South Carolina Labor, Licensing, and Regulation (SCLLR) Cosmetology Board. The course of study includes instruction in diseases and disorders, chemistry, biology and anatomy, and physiology of the arms, hands, and feet. Manicures, pedicures, tips, sculptures, gel nails and wraps are incorporated by means of theory and practical application on both mannequins and live models. Also included in the course of study is salon planning and management. **Students must be 16 years of age, have a state ID and social security number to be allowed to take the state licensing exam.**

Nail Tech I	(1 Credit)	}	<b>(2<sup>nd</sup> Semester Grade 11)</b>
Nail Tech II	(2 Credits)		
Nail Tech III	(1 Credit)	}	<b>(1<sup>st</sup> Semester Grade 12)</b>
Nail Tech IV	(2 Credits)		

Course Code: 6154, 6155, 6156, 6157

Grade Level: 11 & 12

Credits/Hours: 4 units/300 hours required by SCLLR plus 180 hours SCDE or a total of 480 hours

# BEAUFORT-JASPER ACADEMY FOR CAREER EXCELLENCE

## 2022-2023 ENROLLMENT APPLICATION

Student Name:	Address:
Feeder School:	Parent Name:
Current Grade Level:	Parent Phone:
DOB:	Parent Email:

***Please number your Programs by Choice: 1, 2 & 3 (in order)***

Choice	PROGRAM	DESCRIPTION
	<b>Auto Collison Repair</b>	Auto body repair, automotive refinishing, and collision damage estimation are areas of concentration and employment for completers of the Auto Collision Repair Technology program. Employers include independent body shops, new and used car dealerships, upholstery shops, glass shops, paint and equipment manufacturers and distributors, and insurance companies. Students who successfully complete this program sequence will be prepared to take and pass the respective I-Car and ASE exams.
	<b>Automotive Technology</b>	In Auto Tech, students learn fundamentals of automotive systems design, operation, diagnosis, and repair. Classroom concepts and theory are applied in the shop environment where troubleshooting, service procedures, estimating and customer relations are practiced. The automotive industry is changing and growing, with increasing emphasis on safety and electronics. Potential employers include automotive dealerships, independent repair shops, service stations, and product sales and service.
	<b>Barbering/ Master Hair Care</b> <i>(2 ½ Semesters)</i>	Barbering is the study of hair, scalp, and skin. Student's study and prepare in a clinical lab setting, using mannequins and live models for manipulative practice. The program emphasizes safety and sanitation, communication, and management skills. Related areas of study include psychology, ethics, and professional image. <b>A kit fee completed TB test and state permit and additional hours are required. Students must be at least 16 years old and submit required documents with application.</b>
	<b>Building Construction</b>	The Construction program introduces students to skills in the four core areas of residential construction: masonry, carpentry, electricity, and plumbing. The program emphasizes safety by preparing students to earn an OSHA 10 card in addition to professional NCCER certifications. A broad background allows the student to meet the needs of various graduate employment goals.
	<b>Cosmetology</b> <i>(2 ½ Semesters)</i>	Cosmetology students study hair, skin, and nails and their related care. Students are grounded in theory as they prepare to practice procedures in a clinical lab setting or classroom, using manikins for manipulative skill practice. Emphasis is placed on personal safety, professionalism, and sanitation and disinfection of equipment and facilities. Students develop skills in shampooing and conditioning hair, as well as styling and cutting hair. <b>A kit fee &amp; additional hours are required. Students must be at least 16 years old and submit required documents with application.</b>
	<b>Culinary Arts</b> <i>(1 Semester)</i> <b>*2<sup>nd</sup> Semester TCL Dual Enrollment</b>	Students will examine and practice basic rules and procedures related to kitchen and food safety, kitchen sanitation procedures, and emergency measures. Students explore the purchasing and receiving of goods and study fundamental nutritional principles and guidelines. As they explore food-preparation techniques, students practice applying these techniques to the preparation and serving of basic food products. <b>Students taking the course second semester will be enrolled in TCL Dual Enrollment and receive two TCL credits if successfully completed.</b>

*Reminder that students attending ACE will take program courses along with appropriate ELA course except for EMS*

Choice	PROGRAM	DESCRIPTION
	<b>Electricity</b>	Electricity students develop skills in the installation, operation, maintenance, and repair of residential, commercial, and industrial electrical systems. Students also study electrical theory and mathematical problems related to electricity, select and install conductors, examine lighting, communication and power systems, and work with conduit and raceways, panel boards, switchboards, grounding systems, and generators. The program emphasizes safety by preparing students to earn an OSHA 10 card in addition to professional NCCER certifications.
	<b>Emergency Medical Services (EMS)</b> <i>(1 Semester Seniors Only)</i>	Emergency Medical Services (EMS) is designed to teach students how to recognize and respond to various emergencies. Students will review basic anatomy and physiology as it relates to injury management and treatment. Students will review basic information needed for all phases of a healthcare professional. Information that students are exposed to will include legal and ethical implications, communications, safety, infection control and professionalism. Students will learn what skills are necessary to recognize and care for emergencies in adults, children, and infants until professional medical help arrives. <b>Students must be at least 16 years old and submit required documents with application.</b>
	<b>Law Enforcement</b> <i>(1 Semester)</i>	Students will prepare to perform the duties of police and public security officers, including patrol and investigative activities, traffic control, crowd control and public relations, witness interviewing, evidence collection and management, basic crime prevention methods, weapon and equipment operations and maintenance, report preparation and other routine law enforcement responsibilities.
	<b>Nursing/ Health Science</b>	The nursing program emphasizes the study of nursing occupations as related to the healthcare system. Students study normal growth and development, simple body structure and function, and medical terminology. In addition, students are introduced to concepts of infection prevention and disease processes. They receive skill training in patient-nurse aide relationships; measuring and recording of vital signs; cardiopulmonary resuscitation; and general care of the patient. Clinical instruction in nursing homes and other healthcare facilities is a mandatory component of the program. Students will be certified in First Aid and CPR in this course and test to become licensed CNAs. <b>Students must be at least 16 years old and submit required documents with application.</b>
	<b>Marine Tech</b>	Marine Tech focuses on the service and repair of watercraft and marina operations. Students gain entry-level marine trade skills in areas including inboard and outboard systems, carpentry, fiberglass construction and repair, electricity, welding, vessel storage/handling, and tools and equipment operation. The program utilizes the National Marine Trades Curriculum, developed by the American Boat and Yacht Council (ABYC) and students test to become Yamaha certified techs.
	<b>Nail Technology</b>	Students in Nail Tech learn to manicure, pedicure, install, and maintain artificial nails, and apply concepts associated with bacteriology, sanitation, nail disorders, anatomy and physiology, and safety. Completion prepares students for the state licensing examination in Nail Technician. <b>Students must be at least 16 years old and submit required documents with application.</b>
	<b>Welding</b>	Students in Welding are taught to use manual welding, cutting, and electrical arc welding processes to fabricate and join metal parts according to diagrams, blueprints, and specifications. Students will also learn all safety-related practices and techniques and perform welds in various positions, using multiple welding processes. Upon completion of the program students can test for an AWS certification.

*The Academy for Career Excellence does not discriminate on the basis of race, color, national origin, sex, disability or age in its programs and activities. Inquiries regarding the nondiscrimination policies should be made to: Director, ACE, 80 Lowcountry Drive, Ridgeland, SC 29936, (843) 987- 8107*

**Student Signature:**\_\_\_\_\_ **Date:**\_\_\_\_\_

**Parent Signature:**\_\_\_\_\_ **Date:**\_\_\_\_\_

**Counselor Signature:**\_\_\_\_\_ **Date:**\_\_\_\_\_

**Feeder School Admin Signature:**\_\_\_\_\_ **Date:**\_\_\_\_\_