

Academy Pathway Options



BEN C. RAIN HIGH SCHOOL

Signature Academy of Aviation and Aerospace

Academy Pathway	Description	Requirements
Aviation Technology	Students selecting this program are interested in a career in the aviation industry as an aviation mechanic. This pathway will prepare you for entry level employment at an aviation company. This program will also prepare students to enroll at Coastal Alabama's Aviation College to earn an Airframe and Power Plant (A&P) license.	2.5 GPA No major discipline infractions
Coastal Alabama Aviation Technology Dual Enrollment	Students selecting this program are interested in a career in the aviation industry as an aviation mechanic. This pathway will prepare you for entry level employment at an aviation company. This program allows you to earn college credit at Coastal Alabama's Aviation College free of charge, in order to earn an Airframe and Power Plant (A&P) license.	2.5 GPA No major discipline infractions No attendance issues(tardies/absences)
Aerospace Engineering	Students selecting this program have an interest to attend a 2 or 4-year college to major in Engineering or other STEM Related career. The knowledge gained through this class help students relate science and mathematics principles applicable to engineering and engineering related fields.	2.5 GPA No major discipline infractions
Introduction to Engineering Design	Students selecting this program will be introduced to project-based learning, will dig deep into the engineering design process, apply math, science, and engineering standards to hands-on projects. They will work both individually and in teams to design solutions to a variety of problems using 3-D modeling software, and use an engineering notebook to document their work	2.5 GPA No major discipline infractions
Principles of Engineering	Students will explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students will develop skills in problem solving, research, and design while learning strategies for design documentation, collaboration, and presentation	2.5 GPA No major discipline infractions

Leadership Academy

Academy Pathway	Description	Requirements
Army JROTC	Students selecting this program are taught essential life skills through JROTC teachers who have retired for years of military service. The curriculum incorporates health, wellness, basic first aid, CPR, Drug Abuse Preventions, Physical Fitness, and career opportunities.	No major discipline infractions

Information Technology Academy

Academy Pathway	Description	Requirements
Business Management	Students selecting this program are interested in a career in business administration. The students enrolled in this program will earn Microsoft Office Credentialing in Word, PowerPoint, and Excel. Students in this class want to learn how to properly run an effective business.	No major discipline infractions
Marketing	Students selecting this program are interested in the process of marketing. Students will learn how to create flyers that promote events in the school, proper social media etiquette, and various tools that will teach them how to properly market a product to potential buyers.	No major discipline infractions

Hospitality and Tourism

Academy Pathway	Description	Requirements
Culinary Arts	Students selecting this program are taught the management, marketing and operations of restaurants and other food services, lodging, attractions, recreation events and travel related services using real work, hands-on knowledge and skills in commercial and professional lab settings. This diversified and intensive education program enables students to pursue careers in one of three pathways: 1) Restaurant, Food, and Beverage Services	No major discipline infractions No attendance issues(tardies/absences)

Fine and Performing Art Academy

Academy Pathway	Description	Requirements
Band	Band courses offers instruction on woodwind, brass, and percussion instruments with a focus on the skills necessary for long-term student success. Fundamentals stressed include proper posture and playing position, development of characteristic tone quality and training in music literacy. The class is ideal for those who are interested in Band in the Fine Arts Academy. Also, classes may be ideal for those already with experience but who may need a review and reinforcement of music reading, playing fundamentals and technique that are vital for lasting musical development. No audition is required for placement in the Beginning Band.	No major discipline infractions
Chorus	Chorus courses will teach students the fundamentals of choral music. Students will learn basic music theory as well as how to sight-read basic music passages notated stepwise as well as in intervals of 2nds, 3rds, and 4ths. Students will apply this knowledge to standard choral literature and perform two selections as an ensemble in various programs.	No major discipline infractions
Dance	Dance courses introduce the fundamentals of Ballet and Modern dance with an emphasis on Graham, Horton, and Limon techniques. Ballet elements include beginning Ballet movements, positions, vocabulary, and Barre work. In each dance class, students will be expected to participate in warm-ups, across the floor progressions, choreography, and review. Courses will also study history and other styles of dance with and advanced ability to observe, analyze, evaluate, and interpret. Classes will participate in winter and spring concerts along with compositions.	No major discipline infractions

College and Career Ready

Academy Pathway	Description	Requirements
<p style="text-align: center;">Bishop State Community College Technical Dual Enrollment Programs</p> <p>Students may select from the following programs: <i>Civil Engineering</i> <i>Computer and Information Systems</i> <i>Culinary Arts</i> <i>Electrical Engineering Technology</i> <i>Drafting and Design Technology</i> <i>Instrumentation Technology</i></p>	<p>Students selecting this program are earning college credit in the courses below. They have the potential to earn a short certification in their area of concentration, that could lead to employment opportunities. It also allows students to take classes toward their major while in high school free of charge.</p>	<p>2.5 GPA No major discipline infractions No attendance issues(tardies/absences)</p>

Bryant Career Tech Center Academy

Students in these programs will be bused to the Bryant Career Tech Center for 2 blocks during the school day. Students can be removed for the program for behavior and attendance issues.

Pathway	Description	Requirements
HVAC-R	Heating, Ventilation, Air Conditioning and refrigeration repair; Dual Enrollment course	2.5 GPA
Horticulture Science	Forestry, plants, fish and wildlife management	
Electrical Technology	Wiring of homes, building, commercial projects	11 th grade
Automotive Technology	Dual Enrollment course that teaches automotive maintenance and repair	2.5 GPA , 11 th grade
Health Science Technology	Heath Classes that could lead to Certified Nursing Assistant license(CNA)	11 th grade
Welding Technology	Dual Enrollment course that teacher welding. Students can obtain NCCER Certification	2.5 GPA, 11 th Grade
Agriculture Mechanics	Students learn how to repair small engines and commercial agriculture equipment	
Plumbing and Pipefitting	Students learn skills needed for the plumbing industry	
Construction and Manufacturing	Students learn carpentry skills to build tables, chairs, small buildings	
Cosmetology	Students learn the proper techniques to style, color, relax, perm hair and manage a salon; students must pay a \$120 fee for the course	Must be 16, 11 th grade,
Computer Technology	Students learn how to network computers, basic IT skills and computer repair	
Sports Turf Management	Students learn proper landscaping techniques	

Service and Opportunities Available

Below is a list of a few of the opportunities available to the students at Ben C. Rain High School.

Opportunities	Description
Student Ambassador	Students are able to apply and interview for ambassador positions. Student Ambassadors are the face of the school and provide welcoming faces for all that visit the campus.
ACT Prep Classes	Students are afforded the opportunity to attend ACT prep classes during the school year as well as during the summer.
Resume Writing Workshops	Professional resume writers come to present a well written resume. They also provide opportunities to proof resumes for the students.
Business Etiquette Seminars	This seminar is an opportunity for student to eat lunch with business professional and the proper etiquette for a business lunch.
Dress for Success Workshops	Students learn the proper attire for business professional attire.
Mock Interviews	Students participate in mock interviews where business professional come and interview students and give them feedback on their interview.
Interview Preparation Seminars	Guest speakers come to give student proper interviewing techniques and possible questions that could be asked during an interview.
Site Tours	Students are able to tour various businesses that related to a particular field of interest.
Summer Internships	Students are able to apply and interview for paid summer internships.
Skill Specific Training	Students learn skills specific to a particular business request that help the student to gain entry level employment opportunity.
Dual Enrollment Opportunities	Students are able to take college courses while in high school free of charge. Students earn high school credit as well as college credits through this program.
Mentoring	Mentors come and work with student students to help them learn about life skills
Many Clubs and Organizations	We have several clubs and organizations that students can participate in such as FBLA, Skills USA, High-Q, Scholars bowl
Guest Speakers	We have guest speakers come to speak with students about various careers and opportunities that students are interested.
Financial Literacy Classes	We have a financial literacy company that speaks with our students about the value of good credit, what your credit score means and having financial security.
Robotics Team	We have a Robotics Team that competes in BEST Robotics competition each year in the fall.
Extra-Curricular Activities	Football, soccer, baseball, softball, Golf, Bowling, band, chorus, art are just to name a few.