

Academy of Coastal Studies

Providing the foundation for those aspiring to protect and enhance the delicate, crucial resources and wildlife found along the Gulf Coast.

Coastal Environmental Science

Instructor: Mrs. Lynn Stewart

Provides students an opportunity to focus on the coastal environment surrounding them. Students will study the various ecosystems within the marine environment. They will clarify their understanding of the water planet and the dynamic processes that have shaped and continue to shape the Earth, and they will study the impact of man's interaction with the environment.

Agriscience

Instructor: Mr. Jeremy Green

Students will learn a general overview of agriculture; food and natural resources; power, structure, and technical systems; environmental and natural resources systems; animal systems; plant systems; and agribusiness.

Course Number	Course Name	Course Number	Course Name
220040ad/220040ah	Marine Biology 1 (Regular/Honors)	420101	Fundamentals of Agriscience
420026	Marine Biology 2	420102	Intermediate Agriscience
220029ad/220032aa	Environmental Science (Regular/AP)	420103	Advanced Agriscience

Fisheries Management & Aquaculture

Instructor: Mr. Julian Stewart

With community tradition at the root of this program, students will gain the knowledge and skills necessary to move beyond the harvesting of wild seafood production and harvesting. Students will learn about aquaculture systems, water chemistry and management, system design and maintenance, health and sanitation, and other aquaculture issues.

Maritime & Industrial Technology

Instructor: Mr. Kenn Crenshaw

For students interested in the shipbuilding industry, this pathway offers training in a variety of areas vital to ship production through on-campus welding courses or courses in pipefitting, engine repair, and electrical/wiring systems offered at the Bryant Center.

Course Number	Course Name	Course Number	Course Name
420037	Aquascience	432901	NCCER Welding 1
420024	Fish and Wildlife Management	432902	NCCER Welding 2
420038	Aquatic Biology	432903	NCCER Welding 3
420035	Aqua Experience		

Recreation, Travel, & Tourism

Instructor: Mrs. Annette Johnson

Students will be introduced to hospitality and tourism, recreation, travel and tourism, lodging, restaurants and food and beverage services, customer relations, and quality services that are so vital to our economy.

Course Number	Course Name
500011	Hospitality and Tourism
500021	Travel and Tourism I
500022	Travel and Tourism II
500015	Event Planning

Academy of Business and Leadership

Providing business and leadership skills necessary to be competitive in today's job market.

Business, Management, & Administration

Instructors: Clough, Hatchett, Snodgrass

Students will gain the fundamental knowledge and skills for careers in planning, organizing, directing, and evaluating business functions essential to efficient and productive business operations. In addition, students learn ways in which technology, globalization, and regulatory issues affect the day-to-day operation of businesses.

JROTC

Instructors: Sgt. John Hullet & LTC Charles Krieger

For students interested in building leadership skills, the JROTC program is in place to motivate young people to be better citizens. In addition to the emphasis placed on citizenship and leadership, the curriculum incorporates Health/Wellness, Basic First Aid, CPR, Drug Abuse Prevention, Presidential Physical Fitness Program, American History, Techniques of Communications, Safety, Human Relations, Technology Awareness and Career Opportunities.

Course Number	Course Name	Course Number	Course Name
450006	Business Technology Applications	480041/480045	AJROTC 1/1B
450031	Advanced Business Technology Applications	480042/480046	AJROTC 2/2B
410016	Multimedia Design	480043/480047	AJROTC 3/3B
400122/400133 /40032	Work Based Learning	480044/480048	AJROTC 4/4B

Sports & Entertainment Marketing

Instructor: Miss Elizabeth Clough

Sports and Entertainment Marketing is a pathway designed to offer students an opportunity to gain knowledge and develop skills related to the growing sports and entertainment industry. Sports Marketing addresses such diverse products as the sporting event itself, its athletes, sports facilities or locations, sporting goods, personal training, and sports information. Entertainment Marketing includes events such as fairs, concerts, trade shows, festivals, plays, product launches, causes, etc.

Course Number	Course Name
550011	Intro to Sports & Entertainment Marketing
550013	Sports & Entertainment Marketing I
550023	Sports & Entertainment Marketing II

The Humanities

Providing an interdisciplinary approach to learning.

Honors, Advanced Placement, & Dual Enrollment

Students may choose to take the more rigorous courses required for the Honors, Advanced Placement, and Dual Enrollment pathway to adequately prepare for success at post-secondary institutions of learning.

Course Number	Course Name	Course Number	Course Name
230027	AP World History	200020	AP English 12
905004	DE US History to Industrial Revolution	903201	DE English 101
905005	DE US History IR to Present	210027	AP Statistics
230043	AP US Government	907603	DE Math 115
230029	AP European History	220014	AP Biology 2
230062	AP Human Geography	220064	AP Chemistry
230072	AP Psychology	270027	AP French
200016	AP English 11	270156aa	DE Spanish

Performing/Visual Arts

Instructors: Band – Crowley and Sims, Chorus – Gipson, Dance – Parent, Drama – Silva
Art –Wheeler, Arts & Crafts - Rose

For students who are interested in more creative forms of artistic expression.

Course Number	Course Name	Course Number	Course Name
280031ac	Concert Band 1	280011ab	Dance 2
280033aa	Concert Band 2	280012	Dance 3
280035aa	Concert Band 3	280012aa	Dance 4
280031ab	Marching Band 1	280013	Dance 5
280033	Marching Band 2	280013aa	Dance 6
280035	Marching Band 3	280012ab	Dance 7
280031ai	Beginning Band	280012ac	Dance 8
280051	Beginning Chorus	280093aa	Art
280053ac	Intermediate Chorus	280094ag	Art 2
280057ab	Adv Chorus I	280094	Art 3
280057ac	Adv Chorus II	280094aa	Art 4
280032	Guitar	280095	Art 5
200036ag	Drama 1	280093ad	Arts & Crafts 1
200036ar	Drama 2	280094ab	Arts & Crafts 2
200036as	Drama 3		
200036at	Drama 4		
280011aa	Dance 1		

Bryant Career Technical Center

The mission of the Bryant Career Technical Center is to prepare students to be productive citizens who are equipped with the skills, attitudes, knowledge, and work habits needed to move from high school to the workplace in a chosen career pathway and/or post-secondary education.

Agricultural Mechanical Engineering

Instructor: Mr. Tony Tillman

Students learn the repair and maintenance of farming machinery and small engines. Classroom and shop experiences are combined to allow students to learn to use hand tools and other devices in the performance of maintenance and repair work.

Automotive Technology (DE)

Instructor: Mr. Timothy Thompson

Students are introduced to the automotive repair field by using up-to-date diagnostic test equipment. First and second year students are involved in a great deal of hands-on work.

Course Number	Course Name	Course Number	Course Name
410022	Residential and Commercial Power Equipment	570071	Maintenance & Light Repair A
410001	Two & Four Stroke Engines	570072	Maintenance & Light Repair B
410002	Power Equipment Technology	570073	Maintenance & Light Repair C
420023	Forestry Equipment	570074	Maintenance & Light Repair D
Aviation Technology (DE) Instructor: Mr. Robert Watson <i>Students are introduced to the field of aviation maintenance. Topics include aerodynamics, engine systems, flight controls, sheet metal fabrication, and welding. Students are prepared to enter an approved technical school to receive Airframe and Power Plant Licensure.</i>		Computer Electronics Technology Instructor: Mr. Jonathan Tyler <i>Students learn the fundamentals of electricity and electronics through lecture and experimentation. Students will cover a broad range of topics from basic electronics to computer fundamentals and repair.</i>	
Course Number	Course Name	Course Number	Course Name
921603	AMT 102 Materials and Process	520005	Information Technology Fundamentals
921605	AMT 111 Sheet Metal Structures	410018	Information Technology Support & Services
		520021	Networking I
		520022	Networking II
Construction Technology Instructor: Mr. Chris Rogers <i>This course explores the basic fundamentals of building and construction trades. Basic carpentry skills are utilized to construct group and individual hands-on shop projects. Measuring, cutting with power tools, and project assembly involve the student with beneficial real work experiences.</i>		Cosmetology Instructor: Ms. Scheretta Cunningham <i>Students will have the opportunity to learn all phases of cosmetology. Hours received in his program count toward the 1200 hours required by the State Board Exam for licensing.</i>	
Course Number	Course Name	Course Number	Course Name
432301	NCCER Carpentry 1	510060	Introduction to Cosmetology
410007	Construction Framing	510062	Chemical Services
432302	NCCER Carpentry 2	510061	Hair Coloring
430030	Carpentry I	510065	Salon Practices & Management
Electrical Technology Instructor: Mr. Richard Ellison <i>This program provides classroom and laboratory experience in current and emerging electrical technology to prepare students to enter employment and further training. The National Electrical Code (NEC) is incorporated throughout the program.</i>		Health Science Technology Instructors: Ms. Christian Little & Ms. Courtney Taylor <i>This program provides opportunities for occupational investigation, career decision-making, and entry-level skill training in health careers. Individualized occupational training is offered to second term students in various entry-level health careers. Students can receive their Certified Nursing Assistant (CNA) Certificate.</i>	
Course Number	Course Name	Course Number	Course Name
430051	Basic Wiring	490007	Foundation of Health Science
432502	NCCER Electrical Technologies 2	490023	Therapeutic Services
430050	Electrical Technology	490014	Health Science Internship
432501	NCCER Electrical Technology 1		

Heating, Ventilation, Air Conditioning, & Refrigeration (DE) Instructor: Mr. James Wilson <i>Heating, Ventilation, Air Conditioning, & Refrigeration provides classroom and laboratory experiences utilizing current and emerging technologies. Students are taught to perform installations, repairs, and maintenance of commercial, industrial, and domestic air conditioning systems.</i>		Horticulture/Floriculture Instructor: Ms. Grace Jones <i>Students learn the art and science of landscaping. Curriculum includes landscape design, construction and maintenance, plant, insect, and disease identification, plant science and propagation, nursery and greenhouse management, and starting a business.</i>	
Course Number	Course Name	Course Number	Course Name
430121	Intro to HVAC	420051	Horticulture Science
432601	NCCER HVAC 1	420022	Urban Forestry
432602	NCCER HVAC 2	420054	Greenhouse Production & Management
430123	HVAC Maintenance	420055	Nursery Production & Management
Industrial Systems & Maintenance Instructor: Mr. Chris Rogers <i>This program prepares students for a career in industrial plant operations and maintenance. Chemical plants, paper mills, and power generating facilities offer excellent wages and benefits packages, long-term secure employment, and rewarding careers.</i>		Plumbing & Pipefitting Technology Instructor: Mr. George Fralic <i>Classroom, shop, and live work experiences are combined to prepare students for entry into the field of plumbing/pipefitting. Employment opportunities include construction/maintenance of home and small commercial buildings or shipyard/industrial plumbing and pipefitting.</i>	
Course Number	Course Name	Course Number	Course Name
542521	NCCER Industrial Systems & Main. Mechanical 1	430091	Plumbing/Pipefitting 1
540011	Industrial Systems & Maintenance I	430092	Plumbing/Pipefitting 2
542522	NCCER Industrial Systems & Main. Mechanical 2	430093	Plumbing/Pipefitting 3
540012	Industrial Systems & Maintenance II	430129	Senior Career Pathway
Sports Turf Management Instructor: Mr. William Meredith <i>Students are prepared for sports turfgrass careers. Topics include career opportunities, safety, turfgrass growth, turfgrass management, sports fields, turfgrass tools and equipment, business management, and technology.</i>		Welding Technology (DE) Instructor: Mr. Lee Otto <i>Students learn the properties of metal, blueprint and welding symbols reading, and hands-on welding techniques. Welders are employed in the manufacturing industries making durable goods such as transportation equipment and fabrication of metal products.</i>	
Course Number	Course Name	Course Number	Course Name
420056	Sports Turfgrass Production & Management	432901	NCCER Welding 1
420057	Landscaping Design & Management	430070	Introduction to Welding
420072	Agribusiness	432902	NCCER Welding 2
420059	Residential Landscaping	430071	Applied Welding I w/ PAC