

We are excited to announce new course offerings for students that will be offered beginning in the Fall 2021 semester! Please see the updated course information below and contact the CHS guidance office if you are interested in enrolling in any of these new courses for the 2021-2022 school. Students will be added on a first-come-first-serve basis. Please let the guidance office know of any anticipated schedule changes as soon as possible to assist us in the scheduling process.

Journalism & Broadcasting

11149A000 9, 10, 11, 12 36 Wks. 1 Cr.

Prerequisite: None

This course will combine three media: print, social, and broadcast. Students will study the basic principles of print and online journalism, as well as newsworthiness, to utilize as they learn responsible reporting and journalistic writing techniques. In addition, this course will provide students with the knowledge and skills necessary for video production. Students will conduct interviews, research, write, edit, and design for Charleston High School's various publications, including CHS Press, CHS News, broadcasting sporting events, and promoting through social media. Students may choose to focus on print or on broadcast but will be responsible for creating content for both.

Beginning Drafting

21102A002 10, 11, 12 18 Wks. .5 Cr.

Prerequisite: Currently enrolled in or passed Geometry

1st Semester Course Beginning Drafting is an introductory level drafting course. During this course, students will learn the basic fundamentals of drafting and/or computer aided drafting (CAD). The instruction will include the care and use of drafting equipment, freehand sketching, orthographic projection, lettering techniques, dimensioning standards, pictorial drawings, drawing reproduction, and an introduction to CAD.

Drafting

21102A001 10, 11, 12 18 Wks. .5 Cr.

Prerequisite: Must have passed Beginning Drafting

Drafting—General courses, usually offered as a sequence of courses, introduce students to the technical craft of drawing illustrations to represent and/or analyze design specifications and then refine the skills necessary for this craft. Drafting—General courses use exercises from a variety of applications to provide students with the knowledge and experience to develop the ability to perform freehand sketching, lettering, geometric construction, and multi-view projections and to produce various types of drawings (working, detail, assembly, schematic, perspective, and so on). Computer-aided drafting (CAD) systems (if available) are typically introduced and used to fulfill course objectives.

Introduction to Technology and Engineering (repeatable)

21052A002 09, 10 18 Wks. .5 Cr.

Prerequisite: None

Introduction to Technology & Engineering is comprised of the following areas: Production, Transportation, Communication, Energy Utilization and Engineering Design but is not limited to these areas only. This course will cover the resources, technical processes, industrial applications, material sciences, technological impact and occupations encompassed by that system. Introductory class for freshmen and sophomores introducing drafting, manufacturing and construction skills.

Production Technology (repeatable)

13052A001

11, 12

18 Wks. .5 Cr.

Prerequisite: None

Production Technology is a course designed to foster an awareness and understanding of manufacturing and construction technology. Through a variety of learning activities, students are exposed to many career opportunities in the production field. Experiences in manufacturing include product design, materials and processes, tools and equipment including computers, safety procedures, corporate structure, management, research and development, production planning, mass production, marketing and servicing. In construction, students are exposed to site preparation, foundations, building structures, installing utilities, and finishing and servicing structures. Junior/Senior level manufacturing course producing projects for sale. Projects will be made of wood or metal or combination of both. Projects will be instructor/student designed and custom client projects.

Construction Trades I (repeatable)

17002A001

11, 12

18 Wks. .5 Cr.

Prerequisite: None

This course provides experiences related to the erection, installation, and maintenance of residential buildings and related fixtures. Planned learning activities allow students to understand fundamental principles and methods, and develop technical skills related to masonry, carpentry, and finish work. Instruction includes safety principles and practices, recognition of standard lumber sizes, foundation layout methods, building concepts and procedures, local, state, and national codes, cost estimating, and blueprint reading. Junior/Senior level construction skills taught in lab setting (sheds/prefab structures) with potential trips to jobsites.

Ecology

03062A000

10,11,12 G L

36 Wks.

1 Cr. **Prerequisite:** None

Ecology is the science that studies the interrelationships between living species and their physical environment. This course examines how ecosystems function including cycling of nutrients, energy transfer, competition and symbiotic relationships. Students are provided activities to help them understand how the natural environment works and what effect humans have upon it. Students will engage in units of study that include: ecosystem structure, principals of ecosystem sustainability, nutrient cycles, biodiversity, conservation, human impacts, natural resources, disease ecology, and environmental problems and solutions. A focus of this course is to raise students' environmental awareness by studying, analyzing and discussing a variety of ecological problems such as global warming, air and water pollution, depletion of natural resources, emergent disease, vanishing wildlife, and discarding waste products and exploring/designing solutions. This course will include field work along with exploratory and investigative labs with a focus on project-based learning.

Child and Day Care Services

19054A001

11,12 G L

36Wks.

2 Cr.

Prerequisite: None

This course is designed to provide students interested in a career in early childhood education, elementary education, or Child Care Occupations with practical training and knowledge needed for the development of job related skills. It will consist of in-school classroom instruction as well as a specified number of hours of actual experience in a community daycare. Students will be required to provide their own transportation to various centers in the community. Students are expected to plan and prepare lessons for children and help maintain a preschool program. Classroom instruction will include philosophy, management, and the curriculum of preschool programs as well as other types of childcare programs. Some of the instructional units will include: health, safety, positive guidance techniques, operating and developing early childhood programs, types of child care programs, understanding preschool children, infants, toddlers, and school-aged children, working with special needs children, storytelling, art, math, science, music, language arts, dramatic play, licensing standards, nutrition, observation, and finding employment. Only students with good attendance will be considered for the program.