

# CHS COURSE OFFERINGS

## ENGLISH DEPARTMENT



**No student will be denied access to instruction due to inability to pay fees. Please contact teacher for questions concerning fees.**

### ENGLISH I HONORS

RECOMMENDED GRADE LEVEL: 9<sup>th</sup>

DESCRIPTION: This is an accelerated course that offers students exposure to a variety of literary genre. Students will read and study a Shakespearean play. An outside reading of at least two assigned novels is also part of the honors course; therefore, students should be reading and comprehending at or above grade level. English I Honors offers students a strong foundation in vocabulary, grammar, and composition. Honors students are required to write at least three essays.

### ENGLISH I

RECOMMENDED GRADE LEVEL: 9<sup>th</sup>

DESCRIPTION: This course offers students an exposure to a variety of literary genre. Students will read and study a Shakespearean play. The course offers a strong foundation in vocabulary, grammar, and basic writing skills. A study of composition is included with an emphasis on essay writing.

### ENGLISH II HONORS

RECOMMENDED GRADE LEVEL: 10<sup>th</sup>

DESCRIPTION: This is an accelerated course designed to offer students exposure to various genres of world literature. A Shakespearean play is read and studied by all students. In addition to the regular English II content, students should be prepared for extensive independent reading and writing outside of class. Success in this class requires advanced organization, time management, and disciplined study skills. Preparation for the End-of-Course Test is also a part of this class. Students enrolled in English II Honors have a summer reading requirement.

### ENGLISH II

RECOMMENDED GRADE LEVEL: 10<sup>th</sup>

PREREQUISITES: English I

DESCRIPTION: This course is designed to expose students to various genres of literature, including a Shakespearean play. Fictional pieces will be supported with works of nonfiction. Students will use various reading and writing strategies as well as practice public speaking skills. Students will be introduced to *MLA* format and will incorporate it into their nonfiction writing. Preparation for the End-of-Course Test is also a part of this class.

### ENGLISH III HONORS

RECOMMENDED GRADE LEVEL: 11<sup>th</sup>

DESCRIPTION: English III Honors is a course designed to offer students a survey of American literature (writings from 1500 to the present). An in-class study of one novel and outside reading of two other novels by American authors will be required. An on-going study of vocabulary, literary devices, and creative writing, both poetry and prose, are also important parts of the honors curriculum. Honors students are required to write a 4-5 page research paper with

a minimum of 4 references using the MLA format. Preparation for the End-of-Course test is also a part of this class.

### ENGLISH III

RECOMMENDED GRADE LEVEL: 11<sup>th</sup>

PREREQUISITES: English I and II

DESCRIPTION: English III is a course designed to offer students a survey of American literature. The course includes the study of works by American writers. An on-going study of vocabulary and an in-class reading of a selected novel are required. Students will be required to write essays and also develop “real life” writing skills, such as letter writing, resumes, etc. Preparation for the End-of-Course test is also a part of this class.

### DUAL ENROLLMENT ENGLISH III

RECOMMENDED GRADE LEVEL: 11<sup>th</sup>

DESCRIPTION The DE English Literature and Composition course aligns to an introductory college-level literary analysis course. The course engages students in the close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work’s structure, style, and themes, as well as its use of figurative language, imagery, symbolism, and tone. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works

### BUSINESS ENGLISH

RECOMMENDED GRADE LEVEL: 11<sup>th</sup>

PREREQUISITES: English I and II, IBCA

This course is designed to provide students with communication skills needed in a business environment. Business letter writing including routine letters as well as specialized letters, memo, and reports is an important component of the course. The practical principles of grammar, punctuation, and vocabulary needed in business transactions are included. Oral, listening, and nonverbal communication skills as they relate to business are stressed. Emphasis is also given to communications as related to technological advancements such as information management and telecommunications.

### ENGLISH IV HONORS

RECOMMENDED GRADE LEVEL: 12<sup>th</sup>

DESCRIPTION: English IV Honors is designed to offer students a survey of British literature (writings from the Anglo-Saxons through the present). An in-class study of *Macbeth* or *Hamlet* and the study of two classic plays by world literature authors are part of this class. An on-going study of vocabulary and grammar, the study of composition with a review of functional writing skills such as the letter of application and resume, and an emphasis on research paper writing are included. Students will write a four to five page argumentative essay with a minimum of four references.

### DUAL ENROLLMENT ENGLISH IV

RECOMMENDED GRADE LEVEL: 12<sup>th</sup>

DESCRIPTION The DE English Literature and Composition course aligns to an introductory college-level literary analysis course. The course engages students in the close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they

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read, students consider a work's structure, style, and themes, as well as its use of figurative language, imagery, symbolism, and tone. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works.

## MATHEMATICS DEPARTMENT

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### ALGEBRA I HONORS

RECOMMENDED GRADE LEVEL: 9<sup>th</sup>

DESCRIPTION: This course provides the student with the understanding of the structure and logical patterns in math. Topics include variables, real and rational numbers, linear equations and inequalities, graphs of relations and functions, systems of open sentences, exponents, polynomials, factoring, radicals, quadratic equations, and word problems.

### ALGEBRA I

RECOMMENDED GRADE LEVEL: 9<sup>th</sup>

DESCRIPTION: Algebra I is a required course reviewing the four fundamental operations of the real number system and on algebraic expressions. Preparation for the End-of-Course test is also a part of this class.

### GEOMETRY HONORS

RECOMMENDED GRADE LEVEL: 10<sup>th</sup> grade

DESCRIPTION: Geometry is a study of the properties, measurements and relationships of points, lines, angles, surfaces and solids in space. The course is designed to develop the student's ability to think logically in mathematical situations and extend this method of thought to problem solving in life situations. Preparation for the End-of-Course test is also a part of this class.

### BUSINESS MATH

RECOMMENDED GRADE LEVEL: 11<sup>th</sup> or 12<sup>th</sup>

PREREQUISITES: Algebra I and Geometry/Math Essentials

DESCRIPTION: Business Mathematics is a two-semester course of which students learn to use mathematics effectively as a tool in their personal and business lives. After students have completed this course, they will be able to apply mathematical concepts in various personal and business situations. This course may be used to meet the mathematics requirements for graduation.

### ALGEBRA II HONORS

RECOMMENDED GRADE LEVEL: 10<sup>th</sup>

DESCRIPTION: Algebra II Honors is extremely demanding. This course is for those students who are taking both Geometry Honors and Algebra II honors as sophomores.

### FINANCIAL LITERACY

RECOMMENDED GRADE LEVEL: 11<sup>th</sup> or 12<sup>th</sup>

PREREQUISITES: None

DESCRIPTION: A review of the four fundamental operations as applied to fractions and decimals. Ratio, proportion, and statistics are studied as applied to business and consumer problems.

### MATH ESSENTIALS

RECOMMENDED GRADE LEVEL: 9<sup>th</sup>

PREREQUISITES: None

DESCRIPTION: Math Essentials is a course designed to review fundamental operations and previous concepts covered in Algebra I and Geometry. This course can be used to fulfill the 4<sup>th</sup> math requirement for LA Core 4, Basic Core, and Career Diploma. It cannot be used to fulfill the 4<sup>th</sup> math requirement for TOPS.

### ADVANCED MATHEMATICS HONORS

RECOMMENDED GRADE LEVEL: 11<sup>th</sup> or 12<sup>th</sup>

PREREQUISITES:

1. Geometry and Algebra II
  2. EOC test in both Algebra and Geometry
- DESCRIPTION: The first semester covers trigonometric concepts necessary for the study of calculus. The second semester will include content emphasis on extending the properties of the real number system, limits, sequences and the elementary functions.

### ADVANCED MATHEMATICS DE

RECOMMENDED GRADE LEVEL: 11<sup>th</sup> or 12<sup>th</sup>

PREREQUISITES:

1. Geometry and Algebra II
  2. EOC test in both Algebra and Geometry
- DESCRIPTION: The first semester covers trigonometric concepts necessary for the study of calculus. The second semester will include content emphasis on extending the properties of the real number system, limits, sequences and the elementary functions.

### DUEL ENROLLMENT CALCULUS

RECOMMENDED GRADE LEVEL: 12<sup>th</sup>

PREREQUISITES: Before studying calculus, all students should complete four years of secondary mathematics designed for college-bound students: Algebra I, Geometry, Algebra II, and Advanced Mathematics.

DESCRIPTION: DE Calculus is roughly equivalent to a first semester college calculus course devoted to topics in differential and integral calculus. The AP course covers topics in these areas, including concepts and skills of limits, derivatives, definite integrals, and the Fundamental Theorem of Calculus. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions.

### ALGEBRA III HONORS

RECOMMENDED GRADE LEVEL: 12<sup>th</sup>

**Prerequisite:** Algebra I, Geometry, Algebra II

**Description:** Algebra is the connection between mathematics and the real world. The language of algebra is used to translate mathematically the real-world experiences. Algebra II uses mathematical analysis and relevant problem solving to demonstrate these connections. This course will develop the conceptual understanding and the procedural skills needed to use mathematics effectively, to provide for the further study of mathematics, and to make life-long learning a reality.

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## ALGEBRA III DE

RECOMMENDED GRADE LEVEL: 12<sup>th</sup> FEES: None

**Prerequisite:** Algebra I, Geometry, Algebra II

**Description:** Algebra is the connection between mathematics and the real world. The language of algebra is used to translate mathematically the real-world experiences. Algebra II uses mathematical analysis and relevant problem solving to demonstrate these connections. This course will develop the conceptual understanding and the procedural skills needed to use mathematics effectively, to provide for the further study of mathematics, and to make life-long learning a reality.

## SCIENCE DEPARTMENT

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## ENVIRONMENTAL SCIENCE

RECOMMENDED GRADE LEVEL: 9<sup>th</sup>

**DESCRIPTION:** Environmental Science is a course that prepares the student to understand environmental issues that confront modern citizens. This course offers an in-depth coverage of topics of Earth's spheres and cycles, the development and succession of ecosystems, resource management, and environmental awareness and responsibility. Environmental Science provides foundation knowledge directly linked to the Biology course. The students may be required to do a research project.

## BIOLOGY I HONORS

RECOMMENDED GRADE LEVEL: 10<sup>th</sup>

**DESCRIPTION:** Biology is a course designed to give students a basic understanding of the nature of science in relation to plant and animal life. This course reintroduces the scientific method and concentrates on cell biology, biochemistry, genetics, reproduction and development, evolution, living systems and ecology. This course deals with more intense discussions of content material involving animal dissections and higher levels of evaluations. In addition to the above, students will be required to do outside readings and several research projects. Science fair projects are optional.

## BIOLOGY I

RECOMMENDED GRADE LEVEL: 10<sup>th</sup>

**PREREQUISITES:** None

**DESCRIPTION:** Biology is a course designed to give students a basic understanding of the nature of science in relation to plant and animal life. This course reintroduces the scientific method and concentrates on cell biology, biochemistry, genetics, reproduction and development, evolution, systematics, living systems and ecology. There will be animal dissections related to the content material. In addition to the above, students will be required to do a research project. Science fair projects are encouraged but are optional.

## CHEMISTRY

RECOMMENDED GRADE LEVEL: 11<sup>th</sup>

**PREREQUISITES:**

1. Completed Environmental Science, Algebra I, Biology I, and all English courses..
2. Must be enrolled in or have already completed Algebra II

**DESCRIPTION:** Chemistry is the study of physical and chemical properties of matter and the reactions which occur between substances. The chief aim of this course is to prepare students for college chemistry as well as technical fields. Related professions such as pharmacy, health care professionals or paraprofessionals require a willingness to work daily to develop scientific skills such as observation, interpretation of data and prediction through experimentation. Problem solving and other hands-on learning exercises are addressed in this course. Please understand that due to scheduling conflicts, a student who requests Chemistry could be placed in Chemistry Honors.

## BIOLOGY II HONORS

RECOMMENDED GRADE LEVEL: 12<sup>th</sup>

**DESCRIPTION:** Biology II Honors is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes — energy and communication, genetics, information transfer, ecology, and interactions. This course requires that 25 percent of the instructional time will be spent in hands-on laboratory work, with an emphasis on inquiry-based investigations that provide students with opportunities to apply the science practices.

## PHYSICS HONORS

RECOMMENDED GRADE LEVEL: 12<sup>th</sup>

**PREREQUISITES:** None

**DESCRIPTION:** In this laboratory-based course, students learn the basic motions of the universe and the equations that describe them. Topics include Newtonian physics, thermal physics and fluid dynamics, waves and optics, electricity and magnetism, and atomic and nuclear physics. Students will perform experiments and interpret the results of observations, activities which involve the assessment of experimental errors and uncertainties.

## PHYSICAL SCIENCE HONORS

RECOMMENDED GRADE LEVEL: 9<sup>th</sup>

**DESCRIPTION:** Honors physical science is an advanced first year course for high school freshmen. Emphasizes advanced application and science skills needed to understand the physical worlds we live in. Students will utilize technology, laboratory activities, problem-solving and critical-thinking skills to enhance understanding and application of scientific reasoning. This course is one semester of physics and one semester of chemistry. Students will learn the basic concepts of Newton's laws, energy, light, structure of matter, chemical equations, etc.

# CHS COURSE OFFERINGS



## SOCIAL STUDIES DEPARTMENT



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### WORLD GEOGRAPHY HONORS

RECOMMENDED GRADE LEVEL: 9<sup>th</sup>

PREREQUISITES: None

DESCRIPTION: This course offers students a study of map skills, locations, physical features, land forms, climates, economies and culture of the world. Current event issues related to the geographical areas will be correlated with textbook materials to foster awareness among students. Students are required to prepare maps, chart population growth and migration, complete research projects and participate in writing and discussion of current events.

### CIVICS HONORS

RECOMMENDED GRADE LEVEL: 10<sup>th</sup>

PREREQUISITES: World Geography and English I

DESCRIPTION: Civics Honors is a course designed to offer students a study of the organization and operation of the national, state, and local governments of the United States of America. Also included is a study of the U. S. Constitution and the twenty-seven amendments. This course is designed to help students understand their role as U. S. citizens. Current events will be followed as relevant to the course material involving government and politics. Students are required to write book reports on relevant topics. In addition, the Honors students will analyze the governments of other countries as compared to that of the U. S., participate in panel discussions, read and research news articles and court cases, and study election results.

### CIVICS

RECOMMENDED GRADE LEVEL: 10<sup>th</sup>

FEES: None

PREREQUISITES: None

DESCRIPTION: Civics is a course designed to offer students a study of the organization and operation of the national, state and local governments of the United States. Also included is a study of the U.S. Constitution and the twenty-seven amendments. This course is designed to help the students understand their role as U. S. citizens. Current events will be followed as relevant to the course material involving government and politics. Students are required to write book reports on relevant topics.

### US HISTORY HONORS

RECOMMENDED GRADE LEVEL: 11<sup>th</sup>

DESCRIPTION: U.S. History Honors is a course designed to offer students a detailed study of the United States beginning with the Industrialization Era carrying through to the present. Topics to be studied include key people, wars, economics and politics that have shaped our nation. Honors history students will be required to complete studies of primary source documents. Other Honors requirements include but are not limited to: completion of a research paper and/or research project, research assignments requiring use of the internet and access to a printer outside of class time and possible use of school-created email. **INTERNET USE WILL BE NECESSARY** on a regular basis outside of class time in addition to regular homework assignments.

### US HISTORY

RECOMMENDED GRADE LEVEL: 11<sup>th</sup>

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### WORLD HISTORY HONORS

RECOMMENDED GRADE LEVEL: 11<sup>th</sup> or 12<sup>th</sup>

DESCRIPTION: World History is an elective course designed for college-bound students and students interested in man's early development and the origins of civilization. Outstanding civilizations of the past will be studied for the contributions each has made in history. The second nine-week period will include examine some present-day cultures.

# CHS COURSE OFFERINGS

## PHYSICAL EDUCATION DEPARTMENT

**No student will be denied access to instruction due to inability to pay fees. Please contact teacher for questions concerning fees.**

**Note: REGULATION PE UNIFORM FOR ALL PE COURSES:**

1. White socks
2. Tennis shoes
3. CHS gym top
4. CHS gym bottom



### PE I

RECOMMENDED GRADE LEVEL: 9th

PREREQUISITES: None

1. Gym bag
2. Regulation PE uniform

DESCRIPTION: Students entering CHS are required to have one credit in PE I and one credit in PE II. Also, PE I and PE II are prerequisites for PE III and PE IV.

### HEALTH EDUCATION

RECOMMENDED GRADE LEVEL: 9th

PREREQUISITES: None

DESCRIPTION: Health Education is required for graduation. The following areas are covered in the curriculum: family living, nutrition, mental and emotional health, personal health, safety and first aid, consumer health, substance use and abuse, communicable and non-communicable diseases

### PE II

RECOMMENDED GRADE LEVEL: 10<sup>th</sup> (PE II)

PREREQUISITES: PE I required for PE II

1. Gym bag
2. Regulation PE uniform

DESCRIPTION: Students entering CHS are required to have one credit in PE I and one credit in PE II. Also, PE I and PE II are prerequisites for PE III and PE IV.

### PE III or IV

RECOMMENDED GRADE LEVEL: 11<sup>th</sup> or 12<sup>th</sup>

PREREQUISITES: PE I and PE II

1. Gym bag
  2. Regulation PE uniform
- DESCRIPTION: This class can include the following activities, but not limited to:
1. Walking/aerobics
  2. Weight training/body sculpturing
  3. Girls' basketball (not varsity)
  4. Boys' basketball (not varsity)
  5. Coed volleyball
  6. Badminton (recreational games, etc.)



### JUNIOR RESERVE OFFICER TRAINING CORPS (JROTC)

RECOMMENDED GRADE LEVEL: 9<sup>TH</sup> -12<sup>TH</sup>

PREREQUISITES: None

DESCRIPTION: The program teaches cadets character education, student achievement, wellness, leadership, and diversity. In addition to promoting citizenship, JROTC also prepares students for college. JROTC offers around 2000 competitive scholarships per year.

**\*\*JROTC may be substituted for PE.**

### ELECTIVE OFFERINGS

CECILIA HIGH SCHOOL

**No student will be denied access to instruction due to inability to pay fees. Please contact teacher for questions concerning fees.**

## GENERAL ELECTIVES

**No student will be denied access to instruction due to inability to pay fees. Please contact teacher for questions concerning fees.**

### PUBLICATIONS I

RECOMMENDED GRADE LEVEL: 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>

PREREQUISITES:

1. The following courses: Introduction to Business Computer Applications, Computer Applications, or Business Computer Applications

DESCRIPTION: This course is designed as a laboratory class for production of the school yearbook. The class is an introduction to the elements of yearbook page lay-out, photography, copy writing, advertising sales, and public relations. This class provides a hands-on experience for the student. Some off-campus work is required with ad sales. Projects concerning some aspect of journalism will be required each nine weeks.

### PUBLICATIONS II

RECOMMENDED GRADE LEVEL: 12<sup>th</sup>

PREREQUISITES: Completion of Publications I

DESCRIPTION: This course is designed as a laboratory class for production of the school yearbook. The class is an extension of the basic elements of yearbook design. Publication II students will be asked to assist Publication I students and will be expected to carry out the more advanced duties in yearbook publication. Off-campus work

# CHS COURSE OFFERINGS

is required with ad sales. A project concerning some aspect of journalism will be required each nine weeks. .

## JOURNEY TO CAREERS

GRADE LEVEL: 9th

PREREQUISITES: None

DESCRIPTION: This course is designed to provide ninth grade students with the skills necessary for making successful transitions from junior high school to the more academically rigorous environment of high school. In addition, it provides ninth grade students with opportunities to utilize career exploration resources and to participate in career exploration activities.

## SPEECH I

RECOMMENDED GRADE LEVEL: 9<sup>th</sup> -12<sup>th</sup>

DESCRIPTION: Speech is a course for students who want to learn to think clearly and express themselves effectively before an audience, and prepares students for college and their careers. The course introduces the beginning speech student to a study of poise, use of body and voice, public speaking, oral interpretation of literature, and beginning argumentation. Throughout the semester we will cover: public speaking, basic forensic debate, and job interviewing skills. Within this process students will develop skills in reading, writing, speaking, listening, thinking, research, construction of arguments, organization of materials, and debate participation.

## PSYCHOLOGY

RECOMMENDED GRADE LEVEL: 11<sup>th</sup> 12<sup>th</sup>

DESCRIPTION: This course is designed to introduce the student to the social science of human behavior—its basic concepts and theories. In learning about human behavior, the student's ultimate goal should be self-understanding and self-evaluation

## FOREIGN LANGUAGE

**No student will be denied access to instruction due to inability to pay fees. Please contact teacher for questions concerning fees.**

## FRENCH I

RECOMMENDED GRADE LEVEL: 11th or 12th

PREREQUISITES:

1. Strongly suggested that students have a GPA of at least 3.0 and/or at least two years of French in junior high
- 2 Recommended that students try to schedule French I and II during the same school year (allowed only for 11<sup>th</sup> and 12<sup>th</sup> grade students).

DESCRIPTION: French I is an elective course designed to introduce students to oral communication and limited written communication in French. An oral-aural approach is used in teaching vocabulary and grammar. In addition to learning the French language, students learn about people and their customs in French speaking countries and islands. The course is designed for students interested in learning to speak French. Students must be on track for completing LA Core 4 in order to schedule French I or French II.

## FRENCH II

RECOMMENDED GRADE LEVEL: 11th or 12th

PREREQUISITES: French I

DESCRIPTION: French II is an elective course designed for students interested in attaining proficiency in the French language. Students must be able to speak French and also be able to write simple paragraphs using vocabulary mastered in French I during the first semester. Essays and themes will be written during the first semester. Students will present original dialogues and stories in French. Emphasis on mastery of the following tenses is reinforced by both written and oral practice: passé composé imperfect, simple future, conditional and passé simple. Students must be on track for completing LA Core 4 in order to schedule French I or French II.

## FINE ARTS



## ART

**No student will be denied access to instruction due to inability to pay fees. Please contact teacher for questions concerning fees.**

## ART I

RECOMMENDED GRADE LEVEL: 9th, 10th, 11th, or 12th

PREREQUISITES: None

DESCRIPTION: Art I is an elective designed for all students. The first nine weeks is designed to introduce the students to the elements and principles of design. The second nine weeks involves the application of the elements and principles of design in painting, drawing, printmaking, sculpture, and crafts. Through the application and exposure to different media, students can enhance their skills in their private life as well as home, school, and community activities.

## ART II

RECOMMENDED GRADE LEVEL: 10th, 11th, or 12th

PREREQUISITES: Art I

DESCRIPTION: Art II/III is an elective designed for the more serious students; those who want to develop their natural talents, and/or have an actual interest in art. Students broaden their knowledge of the elements and principles of design, exploring familiar and new media, and techniques. New terminology is also introduced to expand students' art vocabulary.

## ART III

RECOMMENDED GRADE LEVEL: 11th or 12th

PREREQUISITES: Art I and II

DESCRIPTION: Art III students reinforce their knowledge of the elements and principles of design. Through the use of familiar and new media, and after teacher/student assessments, students in Art III are assigned advanced studio projects that enhance the student's ability, interests, goals, and strengths.

## BAND

# CHS COURSE OFFERINGS

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**OBJECTIVES OF THE MUSIC DEPARTMENT:** Skill in performance is the prime objective of the music program. The student will understand how melody, harmony, rhythm, intonation, dynamics, tempo and technique unite to produce a fine performance. The student will understand that developing the ability to perceive the aesthetic components of music is an important function of the instrumental/vocal class. The student can express his/her own emotions through the playing or singing of his/her music. The student will gain meaningful experiences through his/her participation in festival competitions, rehearsals, performances at concerts and at football games, parades (band) and community service.

Please review the following requirements for Marching Band—Fall and Spring:

- Class participation
- Attendance at all parades
- Attendance at all practices
- Attendance at all football games
- Materials needed for class (instruments, mallets, books, etc.)
- Attendance at ALL concerts (Battle of the Bands, Christmas, Spring and other Concerts)
- Correct uniforms
- Individual performance skills in class (sight-reading, playing of music, marching drills presented in class for performances)
- Written and instrumental tests

## **MARCHING BAND (Fall)**

**RECOMMENDED GRADE LEVEL:** 9th, 10th, 11th, or 12th  
**PREREQUISITES:**

1. Desire and interest in the continual learning of an instrument
2. Positive attitude
- 3.. Perseverance

**DESCRIPTION:** The band provides an academic opportunity to participate in instrumental ensemble playing. Special attention is given to forming proper habits with regard to band routine, tone production, intonation, interpretation, etc., through skill study and participation. Students are able to study and appreciate representative music of accepted value within the technical and intellectual range of their ability. The marching band performs at various competitions, parades, half-times, sporting events, and other community functions. Additional rehearsals are a requirement for this course.

## **CONCERT BAND--ORCHESTRA (Spring)**

**RECOMMENDED GRADE LEVEL:** 9th, 10th, 11th, or 12th  
**PREREQUISITES:**

1. Auditions required
2. Completion of at least one year of band at the junior high level
3. Ability to read and interpret music
4. Spring band cannot be scheduled unless the student schedules Fall band

**DESCRIPTION:** Concert band performs a number of concerts and community events during the year. It also takes part in Mardi Gras parades and also takes part in small ensemble/solo festivals and senior high school division festivals at various universities and colleges.

## VOCATIONAL

### FAMILY AND CONSUMER SCIENCE



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#### **FAMILY AND CONSUMER SCIENCE I**

**RECOMMENDED GRADE LEVEL:** 11th or 12th

**PREREQUISITES:** None

**DESCRIPTION:** This course is an introduction to home economics. It is designed to assist the learner in personal resource management, build positive self-concept, make informed choices in the market place, and give realistic, hands-on experiences in a family setting. The course will have food and basic clothing demonstrations, with several student labs.

#### **NUTRITION & FOOD**

**RECOMMENDED GRADE LEVEL:** 11th or 12th

**PREREQUISITES:** None

**DESCRIPTION:** The students will learn good eating habits, essential nutrients the body needs, how to use new equipment, budgeting and time management. The course will have a minimum of 6 food labs, with many teacher demonstrations.

#### **CULINARY OCCUPATION**

**RECOMMENDED GRADE LEVEL:** 11th or 12th

**PREREQUISITES:** Nutrition and Foods

**DESCRIPTION:** The mission of the **Culinary Arts and Occupations** program is to prepare students for employment in the various **culinary**-related **occupations** by educating them in the fundamental concepts, knowledge and hands-on skills required in the **culinary** arts.

#### **BAKING & PASTRIES**

**RECOMMENDED GRADE LEVEL:** 11th or 12th

**PREREQUISITES:** Nutrition and Foods

**DESCRIPTION:** his course will cover fundamentals of baking and pastry (including terminology, ingredients, technology, equipment, recipe conversion, measurements, storage, and sanitation). Students will gain experience in using various mixing methods. Techniques in yeast and quick bread, pastry, pie, cookie, and dessert making and presentation will be covered. The yeast breads that are covered are lean and rich yeast doughs. Also included are laminated doughs, meringues, cakes and icing, creams and custards.

### INDUSTRIAL TECHNOLOGY

**No student will be denied access to instruction due to inability to pay fees. Please contact teacher for questions concerning fees.**

# CHS COURSE OFFERINGS

## NCCER Core

RECOMMENDED GRADE LEVEL: 9<sup>th</sup>

DESCRIPTION: The NCCER Core Curriculum is a prerequisite to all other Level 1 craft curriculum. Its modules cover topics such as Basic Safety, Communication Skills and Introduction to Construction Drawings. Completing this curriculum gives the trainee the basic skills needed to continue education in any craft area he or she chooses. Students can earn the NCCER Core Certificate by successfully completing this program.

## AGRISCIENCE I

RECOMMENDED GRADE LEVEL: 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>, or 12<sup>th</sup>

DESCRIPTION: This course, open to all students, is the first of a sequential four-year program that offers students training and career exploration in a wide range of agriculture-related occupational areas. Agriscience I includes an introduction to agriculture, forestry, animal science, plant/ soil science, agri-shop (woodworking, small engines, electrical wiring, light metals), as well as leadership development, training, and competitive judging through the FFA student organization. The class is designed for students who enjoy a variety of interests and have the ability to work independently, as well as part of a team.

## AGRISCIENCE II

RECOMMENDED GRADE LEVEL: 11<sup>th</sup> or 12<sup>th</sup>

PREREQUISITES: Passing grade in Welding I

DESCRIPTION: Agriscience II includes leadership training, woodworking, welding, small engines, plant and soil science (horticulture), and a Hunter Education Certification. Students should take this class as a sophomore.

## NCCER ELECTRICAL I and II

RECOMMENDED GRADE LEVEL: 11<sup>th</sup> or 12<sup>th</sup>

PREREQUISITES: NCCER Core

DESCRIPTION: The program prepares students for a career in the electrical field by teaching students how to install electrical systems and structures, install wiring and other electrical components, and follow blueprints and state and local codes. Students can earn the NCCER Electrical Level I Certificate.

## POWER MECHANICS

RECOMMENDED GRADE LEVEL: 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>, or 12<sup>th</sup>

PREREQUISITES: None

DESCRIPTION: This course prepares students for a career in operating, maintaining, and repairing small gasoline engines. The course introduces students to both four-cycle and two cycle engines commonly used in outdoor power equipment. Emphasis is placed on the development of an understanding of principles and theories of small gasoline engine operations. Special emphasis is placed on troubleshooting and repair including rebuilding of small gasoline engines. Mathematical, critical-thinking, problem solving, and resource access utilization-skills are reinforced in this course. Work based learning strategies appropriate for this course include service learning, internships, apprenticeships, and cooperative education. Supervised agricultural experience (SAE) programs and the FFA leadership activities are integral components of the course and provide many opportunities for practical application of instructional competencies. Completion of the one semester course prepares students for the Equipment and Engine Training Council (EETC) exam in four stroke technician.

## Ag NCCR Carpentry

RECOMMENDED GRADE LEVEL: 11<sup>th</sup>, or 12<sup>th</sup>

PREREQUISITES: Agriscience I & II

DESCRIPTION: This course covers basic carpentry terminology and develops technical aspects of carpentry with emphasis on development of introductory skills. English, language arts, and mathematics are reinforced. Work-based learning strategies appropriate for this course include apprenticeship, cooperative education, internship, and job shadowing.

This course helps provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

This curriculum has been aligned to modules in the Contren Learning Series as endorsed by the National Center for Construction Education and Research (NCCER). Students who study this curriculum using the Contren Learning Series materials under the supervision of an instructor who has been certified by the NCCER are eligible to be tested on each module. Students who successfully pass these tests may be certified to the NCCER by the instructor and will receive documentation from NCCER.

## BUSINESS



**No student will be denied access to instruction due to inability to pay fees. Please contact teacher for questions concerning fees.**

## CUSTOMER SERVICE

RECOMMENDED GRADE LEVEL: 10<sup>th</sup>-12<sup>th</sup> (16 years old)

PREREQUISITES: None

DESCRIPTION: Offers work-function skills standards, which are the result of more than two years research about entry-level through first-line supervisory work in the retail, wholesale, personal services, and real estate industries. This class provides course work and exam qualification for industry credentials that facilitates career mobility for employees, jobseekers, and students, and is a means to help identify qualified professionals for employers.

## INTRODUCTION TO BUSINESS COMPUTER APPLICATIONS

RECOMMENDED GRADE LEVEL: 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>, or 12<sup>th</sup>

–Required for 9<sup>th</sup>

PREREQUISITES: None

DESCRIPTION: This course is the first of two courses designed to provide students with basic computer application skills. Students will be introduced to the touch method of operating a computer keyboard to produce simple business documents. Emphasis is placed on basic computer concepts both hardware and software, word processing, and spreadsheet applications. Computer technology will be presented that could lead to the student's ability to obtain certification in basic information technology. Students can earn the PowerPoint Certification upon successful completion of this course.

## BUSINESS COMPUTER APPLICATIONS

RECOMMENDED GRADE LEVEL: 10<sup>th</sup>, 11<sup>th</sup>, or 12<sup>th</sup>



# CHS COURSE OFFERINGS

**PREREQUISITES:** Introduction to Business Computer Applications and Microsoft PowerPoint Certification.

**DESCRIPTION:** Business Computer Applications is designed to acquaint students with basic principles and terminologies associated with data "information" processing. This 18 week course includes units in: computer concepts and computer operating systems, word processing, spreadsheets, database, and additional applications software. Students can earn Microsoft Excel and Microsoft Word Certifications upon successful completion of this course.



**No student will be denied access to instruction due to inability to pay fees. Please contact teacher for questions concerning fees.**

## COSMETOLOGY

### COSMETOLOGY I

**RECOMMENDED GRADE LEVEL:** 11<sup>th</sup> and 12<sup>th</sup>

**PREREQUISITES:** None

**DESCRIPTION:** This course will focus on the history of cosmetology, rules and regulations, ethics, and other professional and personal qualities required of a hairstylist. Students will study sanitation, bacteriology, safety, skin and scalp disorders, shampooing, braiding, and other aspects of the theory involved in Hairstyling. Students will practice on mannequins. They will observe the instructor model different styling and cutting techniques involved in Hairstyling. Students are preparing for their Student's License that they can obtain in Hairstyling II, once they meet the requirements of passing Hairstyling I. This course can provide a student with dual enrollment credit.

### COSMETOLOGY II

**RECOMMENDED GRADE LEVEL:** 11<sup>th</sup> and 12<sup>th</sup>

**PREREQUISITES:** Cosmetology I

**DESCRIPTION:** This course focuses on the continuation of the theory learned in Cosmetology I. Students obtain their student's license and get hands-on experience with styling and cutting hair. The basic haircutting/styling of both males and females will be demonstrated. Facial massages, shaving, and the beginning of chemical hair relaxing and coloring are also discussed. This course can provide a student with dual enrollment credit.

## HEALTH SCIENCE

**No student will be denied access to instruction due to inability to pay fees. Please contact teacher for questions concerning fees.**

### FIRST RESPONDER

**RECOMMENDED GRADE LEVEL:** 10<sup>th</sup>, 11<sup>th</sup>, or 12<sup>th</sup> (16 years old)  
**PREREQUISITES FOR EMT PATHWAY:** Intro. To Health Occupations and Medical Terminology

1

**DESCRIPTION:** This course will provide the student with an opportunity to test for certification as an Emergency Medical Responder. It includes a medical terminology portion, anatomy portion, and then an extensive, hands on section in preparation for the EMR exam. Student must first successfully obtain a Basic Life Support for the Health Care Professional Cardiopulmonary Resuscitation card to continue in the EMR class. Upon the successful completion of the First Responder course, the student will have a general understanding of the human anatomy, as well as be eligible to test for certification for EMR. If the student passes the EMR exam, he/she will also be eligible to sit for the national certification exam, and complete the appropriate paperwork to be licensed in the state of Louisiana. This course can provide a student with dual enrollment credit.

### MEDICAL TERMINOLOGY

**RECOMMENDED GRADE LEVEL:** 10<sup>th</sup>, 11<sup>th</sup>, or 12<sup>th</sup> (16 years old)  
**PREREQUISITES FOR EMT PATHWAY:** Intro. To Health Occupations and Medical Terminology

1

**DESCRIPTION:** This course will provide is the study of the principles of medical word building to help the student develop the extensive medical vocabulary used in health care occupations. Students receive a thorough grounding in basic medical terminology through a study of root words, prefixes and suffixes. The study focuses on correct pronunciation, spelling and use of medical terms. Anatomy, physiology, and pathology of disease are discussed yet no previous knowledge of these topics is necessary.

### SPORTS MEDICINE

**RECOMMENDED GRADE LEVEL:** 10<sup>th</sup>, 11<sup>th</sup>, or 12<sup>th</sup> (16 years old)  
**PREREQUISITES FOR EMT PATHWAY:** Intro. To Health Occupations and Medical Terminology

1

**DESCRIPTION:** This course provides high school students with a general overview of athletic training, sports medicine and its history. It includes introductory information about the AT's scope of practice: injury prevention, treatment, rehabilitation, emergency injury management and administrative functions. This course is intended to help students gain an understanding of sports medicine, various associated disciplines and the role they play in the physically active community. Students enrolled in this class will not provide patient care.

