



Course Descriptions for Ninth Grade Advisement (2018-19)

This sheet provides descriptions of most courses on the CHHS 9th Grade Registration Card. If you need more clarification, there will be counselors and other personnel available throughout the evening. ***Also, a comprehensive Career Planner is on the CHHS website.***

CORE ACADEMIC COURSES

NINTH GRADE COMPOSITION AND LITERATURE:

CHHS Students will:

- develop grammar and writing
 - expand knowledge on the short story, the novel, nonfiction, drama, and poetry including epic poetry
 - be evaluated by means of tests, projects, and essays
- * **HONORS NINTH GRADE LITERATURE** requires summer reading along with coordinating projects and tests.

MATH COURSE OPTIONS :

CHHS Students will:

- experience a curriculum by using task sets, lecture strategies, and/or teacher led examples
1. **ALGEBRA I WITH SUPPORT** will cover the state's math curriculum. This class is taught **everyday** rather than every other day. The "Support" aspect of the course uses a large portion of time to provide additional assistance with the math curriculum. This course will help students overcome any gaps in knowledge from previous instructional experiences and review topics from previous math courses.
 2. **ALGEBRA I WITHOUT SUPPORT** will cover the state's math curriculum. Students will attend class every other day.
 3. **ACCELERATED ALGEBRA I and GEOMETRY A** is taught every other day. It is taught at a much faster pace and is more in-depth covering all of the 9th grade math standards and half of the 10th grade standards.
 4. **FOUNDATIONS OF ALGEBRA** will remediate fundamental skills that are needed to be successful in the Algebra I course.

SCIENCE COURSE OPTIONS:

BIOLOGY:

CHHS Students will:

- explore/study living things and topics dealing with current technology in the biological sciences.
 - experience organized class discussions, group activities, hands on lab activities and in-class research.
 - conduct laboratory experiments such as: DNA Extraction from Fruit, Owl pellet dissection, Cell Brochure (project about cell organelles). Diffusion Inquiry Lab, and the Genetic Disease Research Project.
- * **HONORS BIOLOGY** students will perform traditional, partial inquiry and full inquiry style labs that foster development of lab skills that can be used in problem solving scenarios. Honors students will conduct their own research in the form of a science fair project and will be involved in other group and independent projects.

ENVIRONMENTAL SCIENCE:

CHHS Students will:

- Recommended for 9th Graders who are taking Read 180 and/or Foundations of Math.
- study components of our environment, including human impact on our planet.
- practice data collection and analysis.
- explore careers related to environmental science.

SOCIAL STUDIES COURSE OPTIONS:

AMERICAN GOVERNMENT: (*graduation requirement*)

CHHS Students will:

- explore the foundations of government, the Constitution, the branches of government and the election process.
- simulate, debate, or complete a project with each unit. (Projects include a constitutional dinner party, a mock Congress, a ratification debate, presidential campaign, etc.) .

AP AMERICAN GOVERNMENT

CHHS Students will:

- follow the curriculum established by the College Board. AP American Government is a college-level course. AP American Government is reading and writing intensive, and moves at a quick pace. It is for students who want a real academic challenge and would like the chance to earn college credit in the 9th grade. (1100 minimum Lexile reading score required)

AP HUMAN GEOGRAPHY: (students earn a social studies elective credit)

CHHS Students will:

- explore current events that shape the world's people.
- employ concepts to examine human social organization and the environmental consequences associated with these concepts.
- study the distribution, processes, and effects of the human population on our planet.
- learn how to use and interpret maps, data sets, geographic models, aerial photographs, and satellite images.
- follow the curriculum established by the College Board. The curriculum is reading and writing intensive, and moves at a quick pace. It is for students who want a real academic challenge and would like the chance to earn college credit in the 9th grade. (1100 minimum Lexile reading score required)

ELECTIVE COURSES

INTRODUCTION TO BUSINESS AND TECHNOLOGY:

CHHS Students will:

- learn the basics for owning a business and managing your money.
- learn how technology and communication has played an important role in our global economy.
- develop business ideas.
- design promotional material for a business.
- determine the best advertising tool for a business.
- make decisions about the items to sell or services to provide.

INTRODUCTION TO DIGITAL TECHNOLOGY:

CHHS Students will:

- learn the fundamentals of Graphics and Web Design.
- design, develop and implement programming concepts.
- understand how computer hardware interacts
- explore the impact of the digital world on their personal life, society and the business world.

MARKETING PRINCIPLES:

CHHS Students will:

- experience the impact of marketing and advertising inside and outside of school.
- develop basic marketing concepts and put creative and business ideas in action.
- design a marketing campaign using a familiar object.
- create a log using a sports figure or team.
- invent a new company and develop the Marketing Mix for the company.

INTRODUCTION TO DRAFTING AND DESIGN:

CHHS Students will:

- expand engineering graphic language and knowledge of the tools used in engineering.
- develop skills using manual drafting tools.
- develop CAD. (computer aided drafting)
- apply a variety of math skills.

INTRODUCTION TO HEALTH SCIENCE:

CHHS Students will:

- learn about the various careers in health care.
- learn and use basic first aid and various basic skills.
- learn how to take, interpret, and use basic vital signs in the monitoring and evaluation of patients .
- earn CPR/AED certification.
- experience guest speakers from various health care careers.
- use medical equipment such as an EKG machine, stethoscope, blood pressure cuff, etc.

FOOD, NUTRITION and WELLNESS:

CHHS Students will:

- understand nutritional needs and food choices for optimal health.
- explore interrelationships with wellness .
- develop a knowledge base and the skills necessary to select among alternatives in the marketplace, with an emphasis on nutrient content, the prevention of chronic diseases, and food safety.

EARLY CHILDHOOD EDUCATION I:

CHHS Students will:

- develop skills to achieve employment in early childhood education and services
- address early childhood care, education and development issues that include guiding the physical, cognitive, creative, social, emotional, and moral development of children

NAVAL JR ROTC I*:

**Two-semester course*

**Completing three (3) credits of NJROTC will satisfy Health and Personal Fitness graduation requirement.*

CHHS Students will:

- explore the precepts of citizenship, leadership and attaining goals. In addition, students learn about military drills and ceremonies, physical fitness, proper diet, geography, and survival.

PHYSICAL EDUCATION CLASSES:

Course Options:

- Health and Personal Fitness: **GRADUATION REQUIREMENT.**
- General PE: Activity and skill development based around group sports such as volleyball, basketball, flag football, etc.
- Weight Training: Activity and skill development based around strength training and weight training.

MUSIC/CHORUS:

CHHS Students will:

- sing a broad variety of choral music and participate in concerts.

VISUAL ARTS:

CHHS Students will:

- learn basic drawing, painting, ceramics, art history, and aesthetics.

DRAMA:

CHHS Students should expect:

- a lively, hands-on experience where they get on the stage and learn a little of what it takes to become an actor.
- to work with facial and body expression.
- to work with a scripted partner and/or a small group of peers.
- to improve presentation skills.

COMPREHENSIVE (Beginning) BAND / INTERMEDIATE BAND / PERCUSSION:

CHHS Students should know:

- Band experience is **not required** for Comprehensive (Beginning) Band.
- **Prior Band experience** or an audition with the director is required for Intermediate Band and Percussion Class.
- Intermediate Band is a 2-semester course.

MUSIC APPRECIATION:

CHHS Students will:

- develop the ability to become a literate consumer and the ability to speak and write about music.
- be introduced to production and performance.
- develop music terminology, idioms, and elements of music.
- develop perceptive listening, attitudes and appreciation .