

Clark High School Course Offerings & Descriptions: 2020-21

ENGLISH – 4 Credits Required

English Literature .5 total credits 1 semester

- Students read selections from an anthology. The elements of mythology, the monomyth, poetry and drama are discussed. All major ideas of themes presented are analyzed and related to issues in the past as well as in today's society. Writing and vocabulary improvement are also stressed.

English Language Arts .5 total credits 1 semester

- Students read selections from an anthology. The elements of the short story, biography, fiction and nonfiction novels are discussed. All major ideas of themes presented are analyzed and related to issues in the past as well as in today's society. A unit on electronic library skills is also included, as well as writing paragraphs, compositions and other creative activities.

Speech .5 total credits 1 semester

- Primary emphasis is placed upon verbal and non-verbal communication. Each student will be required to give a minimum of 7 speeches, including the demonstration, informative, and persuasive speech. The course may also include oral interpretation of literature as time permits. Emphasis is on outline writing, evidence gathering, and APA style citations.

World Literature .5 total credits 1 semester

- World Literature courses use representative literature selections from ancient and/or modern times from countries around the world. Students improve their critical-thinking skills as they comprehend the diversity of literary traditions and the influences of those traditions. Oral discussion is an integral part of literature courses, and written compositions are required.

English Composition III .5 total credits 1 semester

- The course is designed to build upon previous writing skills. This course seeks to develop the writing processes and practices necessary for producing successful high school compositions. The final writing portion of this class is an MLA style research paper. English Composition III consists of comprehensive grammar review, including usage, sentence structure, composition and mechanics.

American Literature .5 total credits 1 semester

- Course materials deal with major American literary movements. Emphasis is placed on the short stories and novels by these authors and grades are based on tests/quizzes/worksheets/group discussions and reaction writing. Oral discussion is an integral part of literature courses, and written compositions are required.

Literature**.5 total credits****1 semester**

- Literature courses offer the opportunity for students to study and reflect upon the themes presented in the body of literature being presented. Students improve their critical thinking skills as they determine the underlying assumptions and values within the reading selection and as they understand how the work reflects society's problems and culture. Oral discussion is an integral part of literature courses, and written compositions are often required. Literature courses may survey representative works, reflect a particular genre or a specific theme, or survey works of a particular time or people.

British Literature**.5 total credits****1 semester**

- A main focus of the course is on British Literature, including drama, poetry, prose and novels. Literature, by other authors, will be incorporated where appropriate. Oral discussion is an integral part of literature courses, and written compositions are required.

English Proficiency Development**.5 total credits****1 semester**

-Course is designed to assist students in acquiring the skills necessary to become more proficient in the use of the English language, as well as in passing proficiency exams.

English as a Second Language**.5 total credits****1 semester**

-Course is designed for the acquisition and rapid mastery of the English language, focusing on reading, writing, speaking, and listening skills. ESL courses usually begin with extensive listening and speaking practice, building on auditory and oral skills, and then moving on to reading and writing. These courses provide an explanation of basic structures of the English language, enabling students to progress from an elementary understanding of English words and verb tenses, to a more comprehensive grasp of various formal and informal styles, finally advancing to "regular" English courses. ESL classes may also include an orientation to the customs and culture of the diverse population in the U.S.

MATHEMATICS – 3 Credits Required**Algebra I****1 total credit****1 year**

-Study of unknowns and variables as quantities and equations. It provides for a better understanding of how our math system works and some methods that may be used to solve problems. The course of study will include real numbers, solving questions, polynomials, fractions, functions and systems of linear equations.

Geometry**1 total credit****1 year**

-Study of the relationship of the physical world to mathematics. It is mostly plane geometry with an introduction to solid figures. Topics to be covered include points, lines, planes, angles, parallelograms, congruence, polygons, special polygons, circles, constructions, and area.

Informal Geometry**1 total credit****1 year**

-Emphasizes a practical approach to the study of geometry and de-emphasizes an abstract, formal approach. Topics typically include properties of, and work with, plane and solid figures; inductive methods of reasoning and use of logic; concepts of congruences, similarity, parallelism, perpendicularity and proportion; and rules of angle measurement in triangles.

Algebra II**1 total credit****1 year**

*Pre-requisite: Successful completion of Algebra I

-Course includes an in-depth study of graphing equations, solving higher order operations, arithmetic of the real number system, which will include the study of exponents and an introduction to the set of complex numbers. Concise sections will be explored – requires a knowledge of second-degree polynomials.

Trigonometry**1 total credit****1 semester**

-Trigonometry courses prepare students for eventual work in calculus and typically include the following topics: trigonometric and circular functions; their inverses and graphs; relations among the parts of a triangle; trigonometric identities and equations; solutions of right and oblique triangles, and complex numbers.

Pre-Calculus**1 total credit****1 semester**

-Course will combine the study of Trigonometry, Elementary Functions, Analytic Geometry, and Mathematics Analysis topics as preparation for Calculus. Topics typically include the study of complex numbers; polynomial, logarithmic, exponential, rational, right trigonometric, and circular functions, and their relations; inverses and graphs; trigonometric identities and equations; solutions of right and oblique triangles; vectors; the polar coordinate system; conic sections; Boolean algebra and symbolic logic; mathematical inductions; matrix algebra; sequences and series; and limits and continuity.

Math Proficiency Development**.5 total credits****1 semester**

--Course is designed to assist students in acquiring the skills necessary to become more proficient in the use of the Mathematics, as well as in passing proficiency exams.

SOCIAL STUDIES – 3.5 Credits Required**World History****.5 total credits****1 semester**

-Course will provide students with an understanding of how forces have shaped history. Economics, geography, government, religion, and war have all played an important role in shaping the history of the world. Studies will include ancient civilizations of the Middle East to the present.

World Geography .5 total credits 1 semester

-Course will provide students with a background to distinguish between permanent variable factors in geography. The objective is to develop a world sense in young people, to make them realize that they are members of a greater human community. The course will include the study of globes and maps, the land its people, and make students aware of the world around them.

United States History 1 total credit 1 year

- Comprehensive courses provides students with an overview of the history of the United States, examining time periods from discovery or colonialism through World War II or after. These courses typically include a historical overview of political, military, scientific, and social developments. Course content may include a history of the North American peoples before European settlement.

Government .5 total credits 1 semester

-Course will focus on the national government and try to tie in State and local government. Will look at the politics of government that is political socialization, the effects of partisan politics, and our system of government.

Economics .5 total credits 1 semester

-Topics covered are state and local government, consumer economics, microeconomics, and an introduction to macroeconomics. Consumer economics will explore units on budget, purchasing an automobile, purchasing a house, investing money, the stock market and insurance. Units on basic economic philosophy, individual choice, supply and demand, inflation, money and types of ownership will be taught relating to both macro and microeconomics. In addition, free enterprise will be contrasted and compared to social collectivism.

Psychology .5 total credits 1 semester

-This course will stress mature thinking and philosophy. The course content will be consistent with the nature of psychological study which includes its philosophy, methods of investigation, and accumulated knowledge. The student will be given an opportunity to better understand the following general topics: understanding themselves, general principles of psychology, social relations, the learning process, and the uniqueness of the individualized person.

Sociology .5 total credits 1 semester

-Sociology is the study of the origin, development, and structure of human societies and the behavior of individual people and groups in society.

SCIENCE – 3 Credits Required

Physical Science 1 total credit 1 year

-This class is an introductory course in Physics and Chemistry, with one semester of each, focusing on basic principles of these topics. Physical Science involves the study of structures and the states of

matter, generally including topics such as forms of energy, wave phenomenon, electromagnetism, and physical and chemical reactions. Some laboratory activities and demonstrations are included in the class activities. A basic calculator is required.

Biology **1 total credit** **1 year**

-Course involves the study of life and living systems. Specifically, the course content will involve the study of the following general topics: methods of scientific study, cellular organizations, ecology, energy systems, genetics, and the diversity of life, plants, animals, and the interactions among sciences.

Biology II **1 total credit** **1 year**

Pre-requisite: Successful completion of Biology I

-This course allows student to continue on in Biology, dealing strictly with the human body, covering biological systems in more detail. Topics that may be explored include cell organization, function, and reproduction; energy transformation; human anatomy and physiology; and the evolution and adaptation of organisms.

Chemistry I & II **1 total credit** **1 year**

-Course involves the study of the composition, properties, and reactions of substances. This course typically explores such concepts as the behaviors of solids, liquids and gases; acid/base and oxidation/reduction reactions; and atomic structure. Chemical formulas and equations and nuclear reactions are also studied.

Environmental Science **1 total credit** **1 year**

-Students will learn about the environment and the impact humans have on it. Students will learn about the current environmental issues the world is facing and why they matter. Problem based learning and investigation will be utilized in the class. Study will focus on the following topics: introduction to the environment; ecology; populations; water, air & land; energy resources; our health and our future.

HEALTH/PHYSICAL EDUCATION - .5 Credits of Each Required

Health **.5 credits REQUIRED** **1 semester**

-Health class will help young people make informed, responsible decisions about their health, develop healthy lifestyles, and enhance their communication and leadership skills. The class is divided into 4 units: The Healthy You (Empowering teens to make wise food and lifestyle choices); The Fit You (Empowering teens to take charge of their health and level of fitness); The Read You (Empowering teens to maintain positive mental health); The Resilient You (Empowering teens to live in ways that build emotional health).

Physical Education**.5 credits REQUIRED****1 semester**

-It is important that students understand that this is a class of social learning and morals as well as Physical education. All students will be evaluated in the following areas: sportsmanship, Comprehension, effort and attendance.

Fitness & Conditioning**.5 or 1 credit****1 semester or year**

-This course emphasizes conditioning activities that help develop muscular strength, flexibility, and Cardiovascular fitness.

BUSINESS**Accounting I****1 credit****1 year**

-Accounting introduces students to and expands their knowledge of the fundamental accounting principles and procedures used in businesses through integrating and using accounting-related software and information systems. Course content includes the recording and completion of the accounting cycle, payroll, taxes, debts, depreciation, and periodic adjustments through a computerized accounting program. Students may learn how to apply standard auditing principles and to prepare budgets and final reports. Calculators, electronic spreadsheets or computer accounting software are usually utilized. Advanced topics may include principles of partnership and corporate accounting, as well as the managerial uses of control systems and the accounting process.

Accounting II**1 credit****1 year**

-Students in this course will learn the function of a typical business corporation and will operate a fictional business. Students will learn cash flow and business financing, as well as business tax implications of a corporation. Students will also learn automated corporate accounting.

FAMILY AND CONSUMER SCIENCE**Personal Finance****.5 credits REQUIRED****1 semester**

-Personal Finance prepares students for successful management of their personal finances. It is a course that addresses the knowledge, skills, attitudes, and behaviors associated with the management of family economics and financial education. A project-based approach will be utilized.

Culinary Arts**1 credit****1 year**

-This course involves both theory and actual hands-on lab and work experience. CHS culinary courses use the ProStart program. The program includes an industry-driven curriculum to teach, test and award industry-recognized certificates to students meeting high standards in food service and restaurant education. This state-drive and industry-backed curriculum is based on the knowledge high school students need to be successful in the restaurant industry. Coupled with relevant work-based experiences, this curriculum enriches, enhances, and reinforces what students learn in the classroom

and provides students with opportunities to develop and practice skills critical to their future success. by integrating classroom learning with job experiences, ProStart provides students with opportunities to learn and practice important skills related to leadership and responsibility. These skill sets serve as a foundation to professional, trained, and educated employees. It is a school-to-career path for high school students interested in the restaurant and food service industry.

Fundamental Food Concepts .5 credits 1 semester

-Comprehensive course provides students with knowledge and skills related to commercial and institutional food service establishments. Course topics range widely, but usually include sanitation and safety procedures, nutrition and dietary guidelines, food preparation (and quantity food production), meal planning, and preparation. Restaurant, Food, and Beverage Service courses may include both “back-of-the-house” and “front-of-the-house” experiences, and may therefore also cover reservation systems, customer service, and restaurant/business management.

Human Development: Pre-Natal to Toddler .5 credits 1 semester

-Course provides students with knowledge about the physical, mental, emotional, social and moral growth and development of children from conception to pre-school age. Emphasis is placed on the application of this knowledge in child care settings and/or home environments. Brain development and current developmental research are addressed. These courses typically include related topics such as the appropriate care of infants, toddlers, and young children.

Teach and Train .5 or 1 credit 1 semester or year

-Students will explore the world of education and what makes a teacher effective. They will learn about students and how they change physically, intellectually, emotionally, and socially as they grow and mature. Students will observe teachers who know how to manage classrooms and create effective learning environments. In addition, students will spend 2 class periods per week tutoring in an elementary/middle school classroom. The second semester students are able to tutor 5 class periods per week.

Career Exploration (12th Grade) 1 credit 1 year

-Students will develop a senior project known as SCE (Senior Capstone Experience). This allows the students the opportunity to consolidate and showcase the learning from their high school years into a meaningful and relevant experience. It is a venue for all participants to connect with the world outside of school and to demonstrate the skills they have acquired. These demonstrated skills are those that will in turn make them successful in a post-secondary education program and/or workforce. The students will also be guided through the scholarship process needed to help fund higher education.

FINE ARTS – 1 credit required

Band .5 total credits 1 year

-The main objective of the band program is the development of an appreciation for music and the musical elements of theory, composition, and various musical forms. Another objective is the

development of proficiency on his/her instrument. Activities for band include concerts, pep band, marching band, Region 3 contest, and other performances. Students are required to take private lessons each grading period. There will be opportunities for students to attend band clinics, North Area Honor Band and All-State Band.

Concert Choir

.5 total credits

1 year

-The concert choir is primarily a performing group. Music reading and listening skills, the development of each student's voice, and the study of musical styles will be pursued through group and individual instruction. Students will be required to participate in concerts, contests, and other public performances throughout the year.

Art I and Art II

1 total credit

1 year

-Students explore the language, materials and processes of a particular art form and the design elements and principles supporting a work of art. Students demonstrate this knowledge as they create works of art in various mediums. As students advance and become more proficient, the creative process becomes more refined, and students are encouraged to develop their own artistic styles. Students also explore major artists and art movements/styles, as students analyze what art means to themselves, their cultures, and to the world.

FOREIGN LANGUAGE

Spanish I

1 total credit

1 year

-Emphasis for Spanish I will be on vocabulary, speaking and basic grammar elements. Students will be assessed with listening, writing, and speaking exercises. In addition to learning the language itself, students will also complete one culture project per quarter.

Spanish II

1 total credit

1 year

Pre-requisite: Successful completion of Spanish I

-This course is a continuation of the fundamental concepts of the language, history and culture with emphasis on advanced grammatical structures, past and present progressive tenses, and commands. Students are assessed through listening, speaking and writing activities. Students will continue to learn about culture by continuing to complete one culture project per quarter.

AGRICULTURE

Introduction to Agriculture

1 total credit

1 year

-This course allows students to study a variety of agricultural topics. This course will serve as an introduction to much of the coursework included within the Agriculture Food and Natural Resources Cluster. Opportunities for application of clinical and leadership skills are provided by participation in the FFA organization through activities, conferences, and skills competitions such as career development events and agricultural proficiency. Topics covered include: FFA, leadership development, plant/animal/food science, agribusiness, and power systems.

Fundamental Ag Mechanics**.5 total credits****1 semester**

-This course is offered to meet the basic need of Agricultural Mechanics. Algebra, trigonometry, English, and human relations skills will be reinforced in this course. Topics covered include: tool safety, plumbing, gas torch/plasma cutter/brazing/arc/wire feed welders, concrete and its principles, hand/power tools, building materials/hardware, erosion, operation of agriculture equipment, slope for building layout, simple electrical wiring and components, and site preparations.

Ag Metal Fabrication**.5 total credits****1 semester**

-Course consists of standards to prepare students for careers in the metal fabrication industry. Classroom and laboratory content will be enhanced by utilizing appropriate equipment and technology. Geometry, Physical Science, Physics, English and human relations skills will be reinforced in this course. Topics covered include: properties of materials, welding fundamentals, operation of the oxy-acetylene torch, plasma cutting, operation of arc welders, Metal Inert Gas welders, operation of Specialized welding Tungsten Inert Gas and Pulse Arc Welding, project designs and construction procedures.

Fundamentals of Ag Structure Technology**.5 total credits****1 semester**

-This course is offered to meet the basic need of Agricultural Structures. SD demand is increasing in the shortage of certified electricians, plumbers, contractors and mechanics. Classroom and laboratory content may be enhanced by utilizing appropriate equipment and technology. Algebra, Trigonometry, English and human relations skills will be reinforced in this course. Topics covered include: beginning tool certification/usage; planning, constructing and maintaining agricultural structures; kinds and importance of structures; personal and occupational safety; sketching, drawing and plan reading; selection, use and maintenance of hand and power tools; laying out structures; lumbers and other wood building materials; using metal and plastics in structures; framing agricultural buildings.

Animal Science**.5 total credits****1 semester**

-This course meets the demands/needs of students interested in basic animal science. This class will Address the basic need to care for and meet the needs of animals. Algebra, Trigonometry, English, And human relations skills will be reinforced in the course. Topics covered include: breeds, health, Reproduction, nutrition and anatomy.

Companion Animals**.5 total credits****1 semester**

-Focus is on the care and management of small animals. Animal nutrition, health, behavior, Reproduction and breeding, anatomy and physiology, use of qualitative and quantitative analyses for Decision-making, facilities, handling and training, and grooming are typical areas of study.

Horticulture**.5 total credits****1 semester**

-Horticulture Science is designed to give students a background in the career cluster area of horticulture. It addresses the biology and technology involved in the production, processing and marketing of horticulture plants and productions. Increased interest in the quality of the environment, conservation, and restoration projects are stimulating growth in the horticulture industry. Quality

nursery and landscape operations require skilled, educated people. Topics covered include: plant growth; reproduction and propagation of plants; growth media; hydroponics; floriculture/floral design; management practices for field and greenhouse production; interior plantscapes; marketing concepts; production of herbaceous, woody and nursery stock; fruit, nut and vegetable production; integrated pest management.

Advanced Horticulture

.5 total credits

1 semester

-Advanced Horticulture is designed for instructors to customize the curriculum to local industry needs. Standards can be met by utilizing one or more of the following horticulture sectors: Landscape Design, Floriculture and/or Greenhouse Management. Topics include identification, use and management of equipment and materials, as well as managing plant growth and maintaining plants and equipment.

Wildlife and Fisheries

.5 total credits

1 semester

-Course provides students with the opportunity to understand and appreciate the importance of maintaining the land and ecological systems that enable non-domesticated animals to thrive. This course emphasizes how humans and animals may both take advantage of the same land or how to gain economic benefits from the land while not degrading its natural resources or depleting plant or animal populations. Students may also learn how to manage wildlife and lands for recreational purposes.

GENERAL ELECTIVES

Street Law

1 total credit

1 year

-Legal system courses examine the workings of the U.S. criminal and civil justice systems, including providing an understanding of civil and criminal law and the legal process, the structure and procedure of the courts, and the role of various legal or judicial agencies. Although this course emphasized the legal process, it may also cover the history and foundation of U.S. law (the Constitution, statutes, and precedents). Course content may also include contemporary problems in the criminal justice system.

Computer Assisted Drafting (CAD)

1 total credit

1 year

-Class will focus on drafting in the areas of mechanical design and drawing, transportation and architecture. Students will learn the basics of drafting on a computer and how to use it in different settings throughout society.

Internship

.5 or 1 credit

1 semester or year

-Student Internship is a temporary position with an emphasis in on-the-job-training rather than employment, and it may be paid or unpaid. Students must locate an approved internship location within their potential field of study, as well as a site supervisor. An hour log must be kept and periodic spot checks are made by the advisor. Student Internship is only for Juniors/Seniors and must be approved by the Administration and/or School Counselor.

Yearbook**1 total credit****1 year**

-Students create the school yearbook using and growing their knowledge of photographic and design processes, including principles of topography, desktop publishing software, integration of text and graphics in desktop publications, design and layout, photography skills and preparation of documents for publication. In addition to sharpening their time management, collaboration and people skills, students also analyze legal and ethical publication issues.

Intro to Theatre**.5 total credits****1 semester**

-This course provides an overview of the art, conventions, and history of the theater arts. Although the courses sometimes include experiential exercises, they emphasize learning about theater processes rather than theatrical production and performance. Course topics include one or more of the following: basic techniques in acting, major developments in dramatic literature, major playwrights, the evolution of theater as a cultural tradition, and critical appreciation of the art and craft of the theater profession.

Digital Media**.5 total credits****1 semester**

-Students create, communicate and analyze content across a range of digital platforms, showing understanding in media, technology, information and visual communication, as well as social, ethical and economic literacies.