

The following is a list of secondary (grades 6-12) classes that may be offered at Elbert Junior-Senior High School. It is not intended to be a completely comprehensive list. Not every class will be placed into the schedule every school year, and the school may add or create additional courses as need and ability arise.

Agricultural Science

Animal Science: This course focuses on the care and management of domestic/farm animals. Content covered may include nutrition, health, behavior, and anatomy/physiology. **This course may be used to fulfill one credit of a student's science graduation requirements, or it may be taken as a high school academic elective. This class is the first class in our CTE Agricultural Science sequence. There is a \$5.00 lab fee (per year) for all science classes.**

Agricultural Science: This course further covers the care and management of domestic/farm animals. Content may include nutrition, health, behavior, anatomy/physiology, etc. **This course may be used to fulfill one credit of a student's science graduation requirements, or it may be taken as a high school academic elective. This class is the second class in our CTE Agricultural Science sequence. There is a \$5.00 lab fee (per year) for all science classes.**

Biology of Animal Systems: To be added for the 2017-18 school year, this class will be the third class in our CTE Agricultural Science sequence.

Agricultural Business: This course provides skills for success in agribusiness and entrepreneurial venture in agricultural industry. Content covered may include: economic principles, marketing, resource management, etc. **This class is a high school academic elective.**

Art

Middle School Art: This course provides students grades 6-8 with activities to foster creative expression, and communication through artistic endeavors and appreciation of culture and heritage. **This course is a middle school elective.**

Comprehensive Art: This course provides students with the knowledge and opportunity to explore an art form and create individual works of art. **This course is a high school elective.**

Graphic Art/Photography: This course provides students the opportunity to explore art through the use of technology. **This course is a high school elective.**

Computer Applications

Middle School Computer Applications: In this course students acquire knowledge and experience in use of previously written software packages. **This course is a middle school elective.**

High School Computer Applications: In this course, students acquire knowledge and experience and efficient use of previously written software packages. **This course is a high school elective.**

English

Sixth-grade English: This course builds upon student's prior knowledge of grammar, vocabulary, word usage and the mechanics of writing and includes reading, writing, speaking and listening. **This course is a requirement for sixth graders.**

Seventh-grade English: This course builds on students' prior knowledge of grammar, vocabulary, word usage and mechanics of writing and includes reading, writing, speaking and listening. **This course is a requirement for seventh graders.**

Eighth-grade English: This course builds on students' prior knowledge of grammar, vocabulary, word usage and mechanics of writing and includes reading, writing, speaking and listening. **This course is a requirement for eighth graders.**

Ninth-grade English: This course builds on students' prior knowledge of grammar, vocabulary, word usage, and mechanics of writing and includes reading writing, speaking and listening. **This course is a graduation requirement.**

Tenth-grade English: This course offers a balanced focus on composition and literature and improvement of reading rate and comprehension. **This course is a graduation requirement and required for all sophomores.**

Eleventh-grade English: This course continues to develop students' writing skills, reading works of literature and learning techniques of writing research papers. **This course English is a graduation requirement and is required for all juniors, unless a student chooses to take College Prep English or a pre-approved college course as a substitute.**

Twelfth-grade English: This course blends composition and literature into a cohesive whole as students continue to develop language arts skills. **This course is a graduation requirement and is required for all seniors, unless a student chooses to take College Prep English or a pre-approved college course as a substitute.**

College Prep English (11th and 12th grade): This course emphasizes comprehension, discernment and critical-thinking skills in the reading of texts and literature. Explores advanced literary techniques. Content will be taught on a two-year rotating basis, so a student may take this course as a junior and as a senior. **This course may replace 11th Grade English and/or 12th Grade English as a graduation requirement.**

Drama: This course provides overview of features of drama such as acting, set design, state management, etc. It also develops student skill in one or more aspects of theatrical production. **This course is a high school elective.**

Media: This course provides the knowledge and skills for television, video, film and/or radio production. Course content may include scripts, camera operation & use of graphics & other visuals. **This course is a high school elective.**

Yearbook: This course deals with design, electronic communication, graphic arts, printing process, photography and the production of the school yearbook. **This course is a high school elective and may be taken more than once.**

Family and Consumer Studies (FACS)

Culinary Arts: This course offers instruction in particular types of cooking or culinary style. **This course is a high school elective. There is a \$25.00 fee (per semester) to take Culinary Arts. This class may be capped if enrollment numbers become too large.**

Culinary Arts II: This course is a continuation of course instruction in particular types of cooking or culinary style. **This course is a high school elective. There is a \$25.00 fee (per semester) to take Culinary Arts II. This class may be capped if enrollment numbers become too large.**

Middle School FACS: This is a comprehensive course that explores knowledge and skills needed for the efficient and productive management of a home. It may include food/nutrition, child development/care, etc. **This course is a middle school elective. This class may be capped if enrollment numbers become too large.**

Mathematics

Basic Math 1: This course reinforces and expands students' foundational math skills in arithmetic operations. **Middle school students must take a math course, such as this one, all three years of middle school.**

Basic Math 2: This course offers increased reinforcement and expansion of students' foundational math skills. **Middle school students must take a math course, such as this one, all three years of middle school.**

Pre-Algebra: This course is designed to increase students' foundational math skills and prepares them for Algebra I. **Middle school students must take a math course, such as this one, all three years of middle school. This course may also be used to fulfill a high school student's mathematics graduation requirements.**

Algebra I: Algebra I is the study of properties and operations of the real number system, rational algebraic expressions, solving and graphing 1st degree equations and inequalities, and translating word problems into equations. **Middle school students must take a math course, such as this one, all three years of middle school. This course may also be used to fulfill a high school student's mathematics graduation requirements.**

Geometry: This course offers emphasis an abstract, formal approach to the study of geometry including properties of plane and solid figures. **This course may be used to fulfill a mathematics graduation requirement.**

Algebra II: Algebra II covers field properties & theorems, set theory, operations with rational and irrational expressions, factoring, linear equations, quadratic equations, etc. **This course may be used to fulfill a student's mathematics graduation requirements.**

Integrated Math: This one-year course focuses on the learning of math as problem solving, communication and reasoning. Emphasizes connection of math and other disciplines. **This course may be used to fulfill a student's mathematics graduation requirements.**

Pre-calculus: Pre-calculus is the study of trigonometry, elementary functions, analytic geometry and math analysis in preparation for calculus. **This course may be used to fulfill a student's mathematics graduation requirements.**

Calculus: This course includes the study of derivatives, differentiation, integration, the definite and indefinite integral and applications of calculus. **This course may be used to fulfill a student's mathematics graduation requirements, or it may be used as an academic elective.**

AP Calculus: This course follows the College Boards suggested curriculum for understanding of concepts of calculus and experience with its methods and applications. **This course may be used to fulfill a student's mathematics graduation requirements, or it may be used as an academic elective.**

Math Test Prep: Test preparation provides activities in analytical thinking, skills and strategies associated with standardized test taking. **This course may be used to fulfill a student's mathematics graduation requirements, or it may be used as an academic elective.**

Music

Middle School Band: This course develops students/ technique for playing brass, woodwind, and percussion instruments and covers a variety of non-specified band literature styles. **This course is a middle school elective and may be taken more than once.**

High School Band: This course develops students' technique for playing brass, woodwind and percussion instruments and covers a variety of non-specified band literature. **This course is a high school elective and may be taken more than once.**

Physical Education

Middle School Physical Education: This course provides students the knowledge, experience and opportunity to participate in team sports, recreational sports and fitness/conditioning activities. **This course is a middle school requirement all three years of middle school.**

High School Physical Education: This course provides students with knowledge, experience and opportunity to participate in team sports, individual/dual sports, recreational sports & fitness/conditioning activities. **Students must take one semester of high school physical education to graduate; physical education may be taken additional times as an elective.**

Health Education: Health class is the study of personal health, nutrition, mental health, stress management, drug/alcohol abuse and prevention, disease prevention and first aid. **This course is a graduation requirement and should be taken during the 9th grade year.**

Weight Training: This course helps students develop knowledge and skills with free weight and universal stations while emphasizing safety and proper use of equipment. **This course is a high school elective and may be taken more than once.**

Science

Sixth-grade Science: The subject matter in this course may include several disciplines of science including earth/space, physical and life or environmental sciences. **This course is a requirement for sixth graders. There is a \$5.00 lab fee for all science classes.**

Seventh-grade Science: This course builds on previous years of scientific inquiry and may include material covering physical, earth/space and life or environmental sciences. **This course is a requirement for seventh graders. There is a \$5.00 lab fee for all science classes.**

Eighth-grade Science: This course covers basic principles of earth/space science and includes such topics as plate tectonics, rocks/rock cycle, weather, ocean currents, movement of earth, moon and planets, etc. **This course is a requirement for eighth graders. There is a \$5.00 lab fee for all science classes.**

Ninth-grade Science: This course focuses on the study of structures and states of matter. Content may include forms of energy, wave phenomenon, electromagnetism and physical and chemical interactions. **This course is a graduation requirement and required for all 9th graders. There is a \$5.00 lab fee for all science classes.**

Biology: This course covers the fundamental concepts of life and life processes, including such topics as cell structure and function, general plant and animal physiology, genetics and taxonomy. **This course may be used to fulfill one credit of a student's science graduation requirements, or it may be taken as a high school academic elective. There is a \$5.00 lab fee (per year) for all science classes.**

Chemistry: Chemistry is the study of the composition, properties, and reactions of substances including the behaviors of solids, liquids and gases. **This course may be used to fulfill one**

credit of a student's science graduation requirements, or it may be taken as a high school academic elective. There is a \$5.00 lab fee (per year) for all science classes.

Physics: Physics is the study of the forces and laws of nature affecting matter and the relationships between matter and energy. **This course may be used to fulfill one credit of a student's science graduation requirements, or it may be taken as a high school academic elective. There is a \$5.00 lab fee (per year) for all science classes.**

Anatomy: Anatomy offers an in-depth study of human body and biological systems. **This course may be used to fulfill one credit of a student's science graduation requirements, or it may be taken as a high school academic elective. There is a \$5.00 lab fee (per year) for all science classes.**

Physiology: Physiology examines all major systems, tissues and muscle groups in the human body to understand how systems interact and roles in homeostasis. **This course may be used to fulfill .5 credit of a student's science graduation requirements, or it may be taken as a high school academic elective. There is a \$5.00 lab fee (per year) for all science classes.**

Forensics: This course examines specific topics related to forensic science. **This course may be used to fulfill .5 credit of a student's science graduation requirements, or it may be taken as a high school academic elective. There is a \$5.00 lab fee (per year) for all science classes.**

Astronomy: This course offers the opportunity to study the solar system, stars, galaxies and interstellar bodies. Introduces astronomic instruments, explores theories of origin and evolution of universe, space and time. **This course may be used to fulfill .5 credit of a student's science graduation requirements, or it may be taken as a high school academic elective. There is a \$5.00 lab fee (per year) for all science classes.**

Robotics/Programming: This course provides students with knowledge and skills to construct computer programs in one or more computer programming languages. **This class is a high school academic elective.**

Social Studies

Sixth-grade Social Studies: This course provides a greater understanding of social studies disciplines including history, geography, civics/government and economics for grade six. **This course is a requirement for sixth graders.**

Seventh-grade Social Studies: This course understanding and skills in social studies disciplines, history, geography, civics and government and economics for grade seven. **This course is a requirement for seventh graders.**

Eighth-grade Social Studies: This course promotes understanding and skills in social studies disciplines, history, geography, civics and government and economics for grade eight. **This course is a requirement for eighth graders.**

High School Geography: This course provides students with overview of world geography. May include the political and physical environment, land and economic development and movement of people, goods and idea. **This course is a graduation requirement for students graduating before 2021.**

World History: This course provides an overview of human society from early civilization to contemporary period, examining political, economic, social, religious, military, scientific and cultural developments. **This course may be used to fulfill one credit of a student's social studies graduation requirements. This course will be a graduation requirement for all students in the graduating classes of 2021 and beyond.**

United States History: This course provides an overview of the history of the US including time periods from discovery through WWII and after. **This course may be used to fulfill one credit of a student's social studies graduation requirements. This course will be a graduation requirement for all students in the graduating classes of 2021 and beyond.**

Civics: This course covers the general structure and functions of American government and the relationship of the individual to the law and legal system. **This course is a graduation requirement.**

Economics: This course provides an overview of economics with emphasis on microeconomics and the U.S. economic system. **This course may be used to fulfill .5 credit of a student's social studies graduation requirements. This course will be a graduation requirement for all students in the graduating classes of 2021 and beyond.**

Spanish

Middle School Spanish: This course introduces and extends skills in speaking, reading, writing and comprehending Spanish and Spanish-speaking cultures. **This course is a middle school elective.**

Spanish I: This course introduces students to Spanish language and culture, emphasizes basic grammar, syntax, vocabulary and spoken accent. **This course is a graduation requirement.**

Spanish II: This course builds on skills developed in Spanish I, extends ability to understand and express in Spanish and increases vocabulary. **This class is a high school academic elective.**

Spanish III: This course focuses on students' expression of complex concepts verbally and in writing in the Spanish language. **This class is a high school academic elective.**

Beginning with the graduating class of 2021, Elbert High School will require one year of foreign language to graduate. Two years of foreign language will be a graduation requirement for all students graduating before 2021.

Woodshop

High School Woodshop: This course exposes students to tools and machines used in manufacturing and develop skills to use these tools. May include wood, metal, plastics, etc. **This course is a high school elective. There is a \$25.00 fee (per year) to take woodshop. Students may be charged additional fees depending on the materials needed to complete projects. This class may be capped if enrollment numbers become too large.**

Middle School Woodshop: This course exposes students to tools and machines used in manufacturing and develop skills to use these tools. May include wood, metal, plastics, etc. **This course is a middle school elective. There is a \$25.00 fee (per year) to take woodshop. Students may be charged additional fees depending on the materials needed to complete projects. This class may be capped if enrollment numbers become too large.**

Other

Sixth-grade Study Skills: This course prepares students for success in middle school and high school. Content may include exercises designed to generate organized, logical thinking and writing. **This course is a requirement for sixth graders.**

Senior Seminar: This course includes college and career exploration and planning components and life skills. **This course is required for all seniors, and it is a graduation requirement.**