



2026-2027 College Pathways Course Descriptions

ENGLISH

Course: English 7	Grade Level(s): 7
Length of Course: year	Prerequisite(s): none
1st Semester Course Code: 210A	2nd Semester Course Code: 210B
Credit Hours Per Semester: 1	Equivalent Semester Hours: 73
Repeat for Credit: no	Fees*: yes
NCAA: no	CCHE: no

The main focal points English 7 are literature, writing, and the development of presentation skills. Students study a selection of short stories, poetry, plays and novels. Vocabulary study is based on literature selections.

Writing includes a focus on literary analysis—how to engage critically with the ideas of a text and write in an organized and coherent fashion. Students learn how to craft a strong thesis statement that can be supported from evidence in a literary text as well as how to move from a well-written paragraph into multi-paragraph essays based on MLA writing standards. Students will also write original poetry using literary devices and learn to research and present background information related to literary texts, noting how authors develop their ideas from both imagination and current culture. Grammar review is included but limited.

Course: English 8	Grade Level(s): 8
Length of Course: year	Prerequisite(s): none
1st Semester Course Code: 215A	2nd Semester Course Code: 215B
Credit Hours Per Semester: 1	Equivalent Semester Hours: 73
Repeat for Credit: no	Fees*: yes
NCAA: no	CCHE: no

English 8 strengthens the literary and writing foundations learned in seventh grade. Areas of literary study include short stories, poetry, plays and novels. Students will develop skills in writing, critical reading, vocabulary, grammar, and presentation (both individually and in groups). Students will increase writing and thinking proficiency through frequent writing and reading. MLA format and citation is introduced and used throughout the year. Creative writing assignments as well as personal and peer editing skills are included. As a culmination of skills learned, students will research, write, and present a literary work of their choice as the final project of the year. Literary criticism skills will be introduced during the final independent research project.

Course: Classics & Composition I	Grade Level(s): 9
Length of Course: Year-long	Prerequisite(s): none
1st Semester Course Code: 220A	2nd Semester Course Code: 220B
Credit Hours Per Semester: 1	Equivalent Semester Hours: 73
Repeat for Credit: no	Fees*: yes
NCAA: yes	CCHE: yes

The primary focus of Classics & Composition I is to expose students to a large body of classical literature. Throughout the year, they will encounter drama, poetry, and fiction that have shaped Western culture and its values. Additionally, students will write frequently, usually in the context of literature. Assignments will encourage them to both engage with the ideas in literature through Socratic Seminars and to improve their own grammar and style by following the examples of great authors. Emphasis will be placed on writing the well-supported five paragraph essay as well as the literary analysis with in-text citations and a Works Cited page in MLA format.

Course: Classics & Composition II	Grade Level(s): 10
Length of Course: year	Prerequisite(s): none
1st Semester Course Code: 230A	2nd Semester Course Code: 230B
Credit Hours Per Semester: 1	Equivalent Semester Hours: 73
Repeat for Credit: no	Fees*: yes
NCAA: yes	CCHE: yes

Classics & Composition II is a study of United States literature from Puritan times to the 20th century. The student's ability to analyze the literature and philosophy of each author will be encouraged through the study of texts representing Puritanism, Deism, Romanticism, Transcendentalism, Realism, and Existentialism. The philosophies developed in each period of American history will be discussed with the goal of fine-tuning student interpretative and writing skills. The study of rhetorical devices, vocabulary, and various forms of composition will be emphasized, including analysis essays which incorporate literary scholarship. Additionally, students will be introduced to theories of literary interpretation. An overall theme for the class is the American Dream and how it is reflected in the writing and philosophy of each time period. The primary goal of this class is for students to continue to develop their abilities to apply the tools of literary analysis and to critique thoughtfully the philosophies of each age both orally and in writing.

Course: World Literature & Composition	Grade Level(s): 11
Length of Course: year	Prerequisite(s): none
1st Semester Course Code: 245A	2nd Semester Course Code: 245B
Credit Hours Per Semester: 1	Equivalent Semester Hours: 73
Repeat for Credit: no	Fees*: no
NCAA: yes	CCHE: yes

World Literature & Composition is a survey course via reading of representative authors in major literary periods from countries around the world. The worldview of each period and of individual authors is analyzed and evaluated. Additionally, the course will emphasize critical thinking as students explore writing for specific purposes and audiences. The course will review and solidify the basics of writing, including paragraph structure and essay development, which are necessary for college level writing.

MATHEMATICS

Course: Pre-Algebra	Grade Level(s): 7-8
Length of Course: year	Prerequisite(s): none
1st Semester Course Code: 110A	2nd Semester Course Code: 110B
Credit Hours Per Semester: 1	Equivalent Semester Hours: 73
Repeat for Credit: no	Fees*: yes
NCAA: no	CCHE: no

Junior High Pre-Algebra content focuses mainly on reviewing basic number sense, whole numbers and integers, solving equations, writing algebraic expressions, problem solving, fractions, decimals, ratios, triangle applications, proportions, percents, graphing, and introducing statistics, probability, and geometric and algebraic concepts.

Course: Algebra I	Grade Level(s): 7-9
Length of Course: year	Prerequisite(s): Pre-Algebra (recommended C- or better in both semesters)
1st Semester Course Code[†]: 120JHA or 120HSA	2nd Semester Course Code[†]: 120JHB or 120HSB
Credit Hours Per Semester: 1	Equivalent Semester Hours: 73
Repeat for Credit: no	Fees*: yes
NCAA: yes	CCHE: yes

Algebra I completes the teaching of multiplication, division, subtraction, and addition of decimals, fractions, and integers, and the simplification and solution of equations and story problems. Percents, fractions, decimals and their inter-conversion and use in everyday problems are especially stressed. Other topics include area and perimeter, rate problems, unit conversions, simple substitution, work with variables, algebraic properties, radical expressions and equations, graphing, and solving equations. Students will also be taught the different algebraic properties to simplify single variable equations and do extensive work with linear equations, factoring, and quadratic equations.

Course: Geometry	Grade Level(s): 8-11
Length of Course: year	Prerequisite(s): Algebra I (recommended C- or better in both semesters)
1st Semester Course Code[†]: 130 JHA or 130HSA	2nd Semester Course Code[†]: 130JHB or 130HSB
Credit Hours Per Semester: 1	Equivalent Semester Hours: 73
Repeat for Credit: no	Fees*: yes
NCAA: yes	CCHE: yes

Geometry provides students with an introduction to measurement, comparison, and logical proofs within the context of two-dimensional and three-dimensional figures. Beginning with the fundamental concepts of points, lines, and planes, the course proceeds through increasingly complex geometric figures (triangles, quadrilaterals, polygons, circles), introduces the student to applications of trigonometry, and finishes with an introduction to surface area and volume of simple three-dimensional figures (prisms, cylinders, spheres, etc.). Students also learn how to apply their newly acquired skills to real-life applications.

Course: Algebra 2	Grade Level(s): varies
Length of Course: year	Prerequisite(s): Algebra 1 and Geometry (recommended C- or better in both semesters)
1st Semester Course Code[†]: 140JHA or 140HSA	2nd Semester Course Code[†]: 140JHB or 140HSB
Credit Hours Per Semester: 1	Equivalent Semester Hours: 73
Repeat for Credit: no	Fees*: yes
NCAA: yes	CCHE: yes

Algebra 2 completes the learning and application of the four basic math operations in simplifying and solving algebraic expressions, equations, and inequalities. Work is continued on the Cartesian coordinate system. Complex numbers, practical problems in two variables, and systems of equations are encountered and solved. Students will practice building and interpreting a variety of functions, including Linear, Quadratic, Polynomial, Radical, Rational and Exponential Functions, all used to help solve real-life situations. In the last term of the course, the students will be introduced to Probability & Statistics and Conic Sections.

Course: Precalculus	Grade Level(s): varies
Length of Course: yes	Prerequisite(s): Algebra 2 (recommended B- test average or better both semesters)
1st Semester Course Code[†]: 150JHA or 150HSA	2nd Semester Course Code[†]: 150JHB or 150HSA
Credit Hours Per Semester: 1	Equivalent Semester Hours: 73
Repeat for Credit: no	Fees*: yes
NCAA: yes	CCHE: yes

In Precalculus, students undertake the study of Algebra, Functions, Trigonometry, Analytic Geometry in two and three dimensions, and Discrete Mathematics necessary to build a foundation for success in Calculus, Statistics, and other areas of higher mathematics. The course incorporates extensive use of the graphing calculator. Time permitting, students will be introduced to Limits, Derivatives, and Integrals.

SCIENCE

Course: Science 7	Grade Level(s): 7
Length of Course: year	Prerequisite(s): none
1st Semester Course Code: 310A	2nd Semester Course Code: 310B
Credit Hours Per Semester: 1	Equivalent Semester Hours: 73
Repeat for Credit: no	Fees*: yes
NCAA: no	CCHE: no

Science 7 aims to build a solid foundation of scientific knowledge. Students examine a comprehensive unit on the metric system, learning how to measure metric units with various equipment (triple beam balances, electronic balances, graduated cylinders, and metric rulers). Students also explore the scientific method, critical thinking, and deductive and inductive logic. The scientific method is part of the logic unit, with a focus on how problems can be solved by following a plan. The scientific method is imbedded in most

content units. Life Science (cells, body systems, plant and flower anatomy) and Mendelian genetics and human heredity will also be covered. Hands-on practice or lab work is included. Plus there is a focus on developing quality students who have discipline and organization, building self-confidence and success in the field of science.

Course: Science 8	Grade Level(s): 8
Length of Course: year	Prerequisite(s): Pre-Algebra completed or currently enrolled
1st Semester Course Code: 315A	2nd Semester Course Code: 315B
Credit Hours Per Semester: 1	Equivalent Semester Hours: 73
Repeat for Credit: no	Fees*: yes
NCAA: no	CCHE: no

Science 8 is an overview of Physical Science. This includes speed, velocity, acceleration, the concept of vectors, Newton's laws of motion, force, friction, gravity, density, momentum, and pressure. Power, machines, and energy are also studied. There will be an introductory unit of Chemistry, and the year will end with a unit on sound waves and light waves. Hands-on practice or lab work is included. Plus there is a focus on developing quality students who have discipline and organization, building self-confidence and success in the field of science.

Course: Biology	Grade Level(s): 9-11
Length of Course: year	Prerequisite(s): none
1st Semester Course Code: 320A	2nd Semester Course Code: 320B
Credit Hours Per Semester: 1	Equivalent Semester Hours: 73
Repeat for Credit: no	Fees*: yes
NCAA: yes	CCHE: yes

Biology is a study of how living organisms function and understanding the interactions between all living organisms and their environment. Studies include a brief review of the scientific method, ecology, chemistry of life as well as the structure and function of cells (emphasizing the roles of various organelles). The study of cells includes cell membrane structure and function, cellular respiration, photosynthesis, the cell cycle, meiosis, genetics, DNA structure and replication, and the making of proteins. Second semester includes exploring heredity and how characteristics are inherited through families, and evolution, which focuses on population genetics, speciation, and a look at the various geological periods. Time will be spent studying the diversity of life: bacteria and other prokaryotes, protists, fungi, plants, and animals. This will include some animal dissections in order to compare and learn from their anatomies. Throughout the year students will study and discuss various issues in biology such as human impact on the environment, stem cell research, and the use of genetic technology.

Course: Earth Science	Grade Level(s): 9-11
Length of Course: year	Prerequisite(s): none
1st Semester Course Code: 350A	2nd Semester Course Code: 350B
Credit Hours Per Semester: 1	Equivalent Semester Hours: 73
Repeat for Credit: no	Fees*: yes
NCAA: yes	CCHE: yes

The Earth Science course presents an appreciation of natural science through the understanding of what is currently known, with regards to the characteristics of the Earth and space. This course is an inquiry-based class where students complete labs and activities that help them understand the natural world surrounding them. The course emphasizes important concepts and abilities that all students use to make wise decisions, to think critically, and to understand and appreciate the Earth-system. The goals of the course are to teach students the principles and practices of Earth Science and to demonstrate the relevance of Earth Science to their life and environment. Local and regional issues and concerns are used to stimulate problem-solving activities and to foster a sense of Earth-stewardship within students' communities. Students will learn the basic components that make up the Earth and where the Earth stands in relation to the Universe at large.

Course: Chemistry	Grade Level(s): 10-11
Length of Course: year	Prerequisite(s): Algebra I (recommended test average B- or above)
1st Semester Course Code: 330A	2nd Semester Course Code: 330B
Credit Hours Per Semester: 1	Equivalent Semester Hours: 73
Repeat for Credit: no	Fees*: yes
NCAA: yes	CCHE: yes

Chemistry will provide students with a thorough understanding of the properties of, and interactions between, different types of matter. Students will understand fundamental concepts concerning atoms, elements, and compounds. They will also comprehend the trends within the periodic table and how the atomic structure of elements affects their physical, chemical, and bonding properties. After this foundation is laid, chemical reactions and equations will be explored, including a basic understanding of enthalpy in reactions. Thermodynamics and equilibrium will also be covered. The students will apply their knowledge of periodic law and reaction characteristics to everyday situations and in laboratory experiments, with an emphasis on problem solving through unit conversion and stoichiometric calculations. Students will learn to use laboratory equipment in a safe and responsible fashion and to write clear and accurate reports of observations and conclusions made during the experiments they have conducted.

Course: Physics	Grade Level(s): 10-12
Length of Course: year	Prerequisite(s): Algebra II (recommended concurrently enrolled in Pre-Calculus if not completed)
1st Semester Course Code: 340A	2nd Semester Course Code: 340B
Credit Hours Per Semester: 1	Equivalent Semester Hours: 73
Repeat for Credit: no	Fees*: yes
NCAA: yes	CCHE: yes

Physics is the study of the relationships and interactions between matter, forces, and energy. As such, physics is considered foundational to other sciences. This class includes the study of motion, forces, simple harmonic motion, light and sound waves, electricity and magnetism, as well as an introduction to special topics like quantum and special relativity. Students will be introduced to the major laws of classical physics, learning how to apply these laws to explain and predict the behavior of matter and energy in a wide variety of conditions. Students will appreciate how the complexity of nature can be described by a relatively few number of principles and laws. Laboratory work within class will help the students apply the principles they learn, with a special emphasis on accounting for unknowns.

SOCIAL SCIENCES

Course: History 7	Grade Level(s): 7
Length of Course: year	Prerequisite(s): none
1st Semester Course Code: 410A	2nd Semester Course Code: 410B
Credit Hours Per Semester: 1	Equivalent Semester Hours: 73
Repeat for Credit: no	Fees*: no
NCAA: no	CCHE: no

History 7 explores the shaping of the United States from immediately after the Civil War to the aftermath of World War I, examining the fast-paced, restless decades of the nation “growing up” into a 20th-century world power. From the tumultuous age of Reconstruction in the South to the Gilded Age of Andrew Carnegie, J.D. Rockefeller and Henry Ford’s wealth and industry to the Spanish-American War, the big personality and presidency of Theodore Roosevelt and his Progressive Era and ending with the international crisis of WWI, students will see how historians make sense of this key period in our country’s past. Stories and adventures of fascinating figures, life-changing inventions, new ideas that clashed with old, and conflicts that changed America’s destiny abroad are what make history fun! Students will think critically about how history works and explore many primary sources from that past. While this class focuses on U.S. history, students will also study global events that inevitably left a mark on our developing nation.

Course: History 8	Grade Level(s): 8
Length of Course: year	Prerequisite(s): no
1st Semester Course Code: 415A	2nd Semester Course Code: 415B
Credit Hours Per Semester: 1	Equivalent Semester Hours: 73
Repeat for Credit: no	Fees*: no
NCAA: no	CCHE: no

8th grade U.S. History will begin with the study of World War I and end with Nixon’s resignation. The social, political, cultural, military, economic, and diplomatic aspects of these time periods will be covered. Analyzing the leaders during this time period and how they shaped our nation will be a significant part of our learning. Throughout the course, an emphasis is placed on the development of social studies skills, critical thinking, analyzing primary and secondary sources, developing historical arguments, and making historical comparisons. This course will be taught through engaging lessons, creative projects, and dynamic discussions.

Course: Civics 9	Grade Level(s): 9-12
Length of Course: semester	Prerequisite(s): none
1st Semester Course Code: 420A (Fall only)	2nd Semester Course Code: N/A
Credit Hours Per Semester: 1	Equivalent Semester Hours: 73
Repeat for Credit: no	Fees*: no
NCAA: yes	CCHE: yes

This course typically precedes the 9th grade World History course offered in the second semester. During this first semester, students will explore and confront many of the political institutions, Constitutional and policy issues, and functions of our federal, state, and local governments. How political parties, interest groups, and mass media all powerfully impact our political culture and the "nuts and bolts" of U.S. political life will be analyzed. There will be small group work, in-class debates, and the rich, wild swirl of current events to provide windows into deeper political issues and encourage critical, reasoned thinking.

Course: World History 9	Grade Level(s): 9
Length of Course: semester (Spring only)	Prerequisite(s): none
1st Semester Course Code: 421B	2nd Semester Course Code: N/A
Credit Hours Per Semester: 1	Equivalent Semester Hours: 73
Repeat for Credit: no	Fees*: no
NCAA: yes	CCHE: yes

In World History 9, there will be a focus on the Ancient World and the origins of civilization. Studies will include the earliest civilizations in human history, as well as Ancient Greece and Rome and their foundational role in western civilization. The class will have discussions on Medieval Europe and some of the states that rose to power after the fall of the Roman Empire, and which left a power vacuum in Western Europe. Emerging civilizations like Islam and the Mongols who played an important role shaping world history at this time will also be included.

There will be discussions of the rich heritage of some of the Classical worlds in Western Civilization and analyze the cultures and trends that gave rise to our modern world. It's an age of restless upheaval, fascinating figures, and new, important ideas. Studies will include how historians make sense of the stories and adventures of those who lived in, and through, this past.

Course: World History 10	Grade Level(s): 10
Length of Course: year	Prerequisite(s): none
1st Semester Course Code: 430A	2nd Semester Course Code: 431B
Credit Hours Per Semester: 1	Equivalent Semester Hours: 73
Repeat for Credit: no	Fees*: no
NCAA: yes	CCHE: yes

World History 10 explores the historic narrative from the outbreak of the Crusades and devastating Black Death before the Renaissance to several key religious, political, and intellectual events during the tumultuous modern age. Exploration, revolution, and rising nationalism were intertwining trends that help students understand this period and the forces that shaped it. Clashing ideas, fascinating figures, art and science, and political conflicts all powerfully impacted one another along the way.

This course seeks to make vital connections between the past and our world today. From a wide variety of sources—artwork and real-life personal accounts that provide windows into the age, to pioneering thinkers and personalities whose ideas transformed it—students will discover how this period profoundly impacts our own world. During the course, we will pause to examine case studies of genocides--the Armenian genocide of WWI and the Holocaust--to see historical forces in stark relief. World History 10 encourages students to think more critically and dive deeply into history at its core, exploring the stories of those who lived in, and through, that past.

Course: US History	Grade Level(s): 11
Length of Course: year	Prerequisite(s): none
1st Semester Course Code: 440A	2nd Semester Course Code: 440B
Credit Hours Per Semester: 1	Equivalent Semester Hours: 73
Repeat for Credit: no	Fees*: no
NCAA: yes	CCHE: yes

This course begins with a look at the state of South America, North America, Africa, and Europe in the era of the Explorers because people from these four continents were of vital importance to the creation of the United States. We then trace the beginning of the English colonies to their emergence as a nation clinging to the East Coast, the United States of America. For the rest of Semester 1, we trace the U.S.'s growth through the 1830s.

We start off Semester 2 with an exploration of the causes of the Civil War (1830s-1850s) and then a brief look at the Civil War. During the rest of the semester, we examine Reconstruction and the development of the United States through the beginning of World War I. Throughout the course, we will examine our historical roots and critically examine the lives and actions of those who have created and developed our nation.

WORLD LANGUAGES

Course: Spanish I	Grade Level(s): 9-12
Length of Course: year	Prerequisite(s): none
1st Semester Course Code: 520A	2nd Semester Course Code: 520B
Credit Hours Per Semester: 1	Equivalent Semester Hours: 73
Repeat for Credit: no	Fees*: none
NCAA: yes	CCHE: yes

Spanish 1 is a year of developing core language skills. The students will focus on communication in the present tense through dialogues, listening exercises, and writing sentences used in real life situations. An understanding of the overall sentence structure of Spanish begins here with the mastery of the most commonly used regular and irregular verbs. Vocabulary development centers on sports and leisure time activities, family, friends, food, clothes, and other fundamental topics. Students will perform various verbal presentations to practice and master language concepts. Hispanic cultures will be studied in order to learn how it compares and contrasts to the student's own culture.

Course: Spanish 2	Grade Level(s): 9-12
Length of Course: year	Prerequisite(s): Spanish 1
1st Semester Course Code: 530A	2nd Semester Course Code: 530B
Credit Hours Per Semester: 1	Equivalent Semester Hours: 73
Repeat for Credit: no	Fees*: none
NCAA: yes	CCHE: yes

Spanish 2 students begin with a review of the structures and vocabulary of the previous year. Study continues with the introduction of more complex aspects of the language such as reflexive verbs and additional verb tenses (imperfect, present and imperfect progressive, and present perfect), comparative and superlative forms of adjectives and adverbs, and possessive adjectives and pronouns). Students will perform various verbal presentations to practice and master language concepts. Hispanic cultures will be studied in order to learn how it compares and contrasts to the student's own culture.

ELECTIVES

Course: Art 1	Grade Level(s): 7-12
Length of Course: year	Prerequisite(s): none
1st Semester Course Code[†]: 740JHA or 740HSA	2nd Semester Course Code[†]: 740JHB or 740HSB
Credit Hours Per Semester: 1	Equivalent Semester Hours: 73
Repeat for Credit: no	Fees*: yes
NCAA: no	CCHE: no

Art 1 is designed to build confidence through an explorative journey into the world of art. The course introduces students to foundation-level techniques in art history, drawing, painting, two-dimensional design, and three-dimensional design. Students will be assigned a series of supplemental drawing and exercises in their sketchbooks as well as projects to show mastery of techniques. Additionally, students will learn to constructively critique both their own artwork as well as traditional art through the lens of the Elements and Principles of Art and Design. Innovative instruction will develop art concepts by investigating different media including graphite pencils, colored pencils, watercolor, acrylic, soft pastel, oil pastel, charcoal, printmaking, and sculpture.

Course: Art 2	Grade Level(s): 8-12
Length of Course: year	Prerequisite(s): Art 1
1st Semester Course Code[†]: 745JHA or 745HSB	2nd Semester Course Code[†]: 745JHB or 754HSB
Credit Hours Per Semester: 1	Equivalent Semester Hours: 73
Repeat for Credit: no	Fees*: yes
NCAA: no	CCHE: no

Art 2 revisits and refreshes students on foundation level techniques in art history, drawing, painting, two-dimensional design, and three-dimensional design. Individual expression in original work will emerge, and students will be encouraged to become more self-directed in both conception and implementation of ideas. Additionally, students will continue to enhance their constructive criticism of both their own artwork as well as traditional art through the lens of the Elements and Principles of Art and Design. A greater application of artistic style will be emphasized by exploring different media including graphite pencils, colored pencils, watercolor, acrylic, soft pastel, oil pastel, charcoal, printmaking, and sculpture.

Course: Art 3	Grade Level(s): 9-12
Length of Course: year	Prerequisite(s): Art 2
1st Semester Course Code: 747A	2nd Semester Course Code: 747B
Credit Hours Per Semester: 1	Equivalent Semester Hours: 73
Repeat for Credit: no	Fees*: yes
NCAA: no	CCHE: no

Art 3 builds upon the foundations established in Art 1 and 2. Students will continue to develop skills and knowledge in the visual arts. Expectations of individual expression in original work will continue to increase, and students will be expected to become more self-directed in both conception and implementation of ideas. Individual student meetings with the instructor will help plan out the goals and expectations for each student. Students will continue to become familiar with and interpret the meanings of historical works of art; this will include art history, vocabulary, and independent explorations.

Course: Computers 1	Grade Level(s): 7-12
Length of Course: semester (Fall only)	Prerequisite(s): none
1st Semester Course Code[†]: 750JHA or 750HSA	2nd Semester Course Code[†]: N/A
Credit Hours Per Semester: 1	Equivalent Semester Hours: 73
Repeat for Credit: no	Fees*: none
NCAA: no	CCHE: no

Computers 1 equips students with the basic computer knowledge and skills necessary to succeed in College Pathways, the Schoology environment, and the technological world of the 21st century. All work is conducted in the PC environment.

Students learn to touch-type with required levels of speed and accuracy. They develop an understanding of how computer hardware and software work via a basic introduction to Computer Science and block coding. Students develop skills for finding answers and solutions using the local software and the Internet. Learning is accomplished through lectures, classroom discussions, hands-on exercises in the computer lab, and work at home.

Content includes Windows 10, Schoology, keyboarding and touch-typing using Typing Pal (online keyboarding software accessible from school and remotely), computer hardware overview, operating systems, networking overview, web browsers (with a focus on Google Chrome), online safety/Internet security, file management, and introduction to the MSOffice Suite, and online computer science/coding tutorial.

Course: Computers 2	Grade Level(s): 7-12
Length of Course: semester (Spring only)	Prerequisite(s): Computers 1
1st Semester Course Code: 750JHB and 750HSB	2nd Semester Course Code: N/A
Credit Hours Per Semester: 1	Equivalent Semester Hours: 73
Repeat for Credit: no	Fees*: none, computer access needed [^]
NCAA: no	CCHE: no

Computers 2 equips students with more advanced computer knowledge and experience. All work is conducted in the PC environment. Students spend most of the semester working on four-unit projects, using nine different software programs. The projects give students real-world exposure to the different ways technology is used, including audio editing, graphic layout, graphic editing, web design, writing, and stylizing. Learning is accomplished through lectures, classroom discussions, hands-on exercises in the computer lab, and work at home.

^Students need the following programs available from or installed on their home computers in order to work at home (students without access to these programs at home are expected to schedule time during study halls in the computer labs in order to complete their work):

- Microsoft Office 365 (the district provides student licenses for this online platform which includes Word, Excel, and PowerPoint)
- GIMP (free program for download and install; URL and instructions are provided)
- Audacity (free program for download and installation; URL and instructions are provided)
- Web browser such as Internet Explorer, Chrome, Firefox, or Safari
- Online Computer Science Program

Course: Critical Thinking	Grade Level(s): 9-12
Length of Course: semester (offered both Fall and Spring semesters)	Prerequisite(s): none
1st Semester Course Code: 780A or 780B	2nd Semester Course Code: N/A
Credit Hours Per Semester: 1	Equivalent Semester Hours: 73
Repeat for Credit: no	Fees*: none
NCAA: no	CCHE: no

In Critical Thinking, students will learn that thinking can be fun, and they will learn to become thinkers along the way. Through the analysis and solving of problems, puzzles (mathematical and logical), mathematical “magic tricks,” and playing games, students are taught how to use logic, deductive reasoning, induction, perspective, and pattern recognition. The goal is to produce students whose minds are more adaptive and flexible so that “thinking outside of the box” and being more thoughtfully creative is the result. Students will be able to solve multi-step, complex problems more readily. Many studies show that critical thinking is identified as one of the most important skills needed for life success! As one of the highlights of this class, students will create Escape Rooms for a CP Game Night to showcase thinking skills they have learned. Students begin to love to think critically and apply the skills they learn in many areas in life.

Course: Health & Wellness	Grade Level(s): 9-12
Length of Course: semester (offered both Fall and Spring semesters)	Prerequisite(s): none
1st Semester Course Code: 720A or 720B	2nd Semester Course Code: N/A
Credit Hours Per Semester: 1	Equivalent Semester Hours: 73
Repeat for Credit: no	Fees*: yes
NCAA: no	CCHE: no

Health and Wellness is a graduation requirement for TCA College Pathways. This course will include instruction on character development; physical activity; nutrition; social, mental, and emotional health; substance abuse; and CPR/First Aid training and injury prevention. Students will receive their CPR/First Aid certification. This course does not include human sexuality lessons in accordance with TCA’s Core Values.

Course: Intro to Yearbook	Grade Level(s): 7-12
Length of Course: year	Prerequisite(s): none
1st Semester Course Code: 790JHA or 790HSA	2nd Semester Course Code: 790JHB or 790HSB
Credit Hours Per Semester: 1	Equivalent Semester Hours: 73
Repeat for Credit: yes, up to 3 credits	Fees*: none
NCAA: no	CCHE: no

This year-long course will center around the production of the TCA College Pathways yearbook through developing skills in goal setting, planning, preparation, journalism, marketing, designing, and creating. Students will develop abilities in photography, graphic design, editing, promotions, and budgeting while producing a product that will be treasured for years. During the creation of the yearbook, students will learn ethics of journalism, marketing, and business. The book will be completed by various deadlines in compliance with Herff Jones, our publisher, and offered to CP families for purchase.

Course: On Course	Grade Level(s): 10-12
Length of Course: semester (offered both Fall and Spring semester)	Prerequisite(s): student must score “college ready” on English or Math Accuplacer tests
1st Semester Course Code: 730A or 730B	2nd Semester Course Code: N/A
Credit Hours Per Semester: 1	Equivalent Semester Hours: 73
Repeat for Credit: no	Fees*: yes
NCAA: no	CCHE: no

On Course covers a variety of topics which are essential to the success of our college-bound students. Using the many tools presented during this course, students will explore various career paths and elements of the college application process, develop or hone interpersonal and public speaking skills, learn and implement various life skills such as resumes, interviews, etc., and understand how to function as a young adult on a college campus. On Course is meant to help prepare students for the next level on their college/career paths and implements the state requirements of Individual Career and Academic Planning (ICAP).

Course: Personal Finance	Grade Level(s): 9-12
Length of Course: semester (offered both Fall and Spring semesters)	Prerequisite(s): none
1st Semester Course Code: 770A or 770B	2nd Semester Course Code: N/A
Credit Hours Per Semester: 1	Equivalent Semester Hours: 73
Repeat for Credit: no	Fees*: yes
NCAA: no	CCHE: no

Students will study topics such as budgeting, saving, credit, debt, consumer awareness, career readiness, college planning, financial services, insurance, income, taxes, housing/real estate, investing, retirement, global economics, and stewardship/giving.

Course: Study Hall	Grade Level(s): 7-12
Length of Course: semester (offered both Fall and Spring semesters)	Prerequisite(s): none
1st Semester Course Code: 001A or 001B	2nd Semester Course Code: N/A
Credit Hours Per Semester: N/A	Equivalent Semester Hours: 15
Repeat for Credit: N/A	Fees*: none
NCAA: no	CCHE: no

Study Hall is an intensively monitored study hall that provides time for students to complete assignments, study for quizzes or tests, or complete projects.

Course: Junior High Physical Education	Grade Level(s): 7-8
Length of Course: semester (offered both Fall and Spring semesters)	Prerequisite(s): none
1st Semester Course Code: 724A or 724B	2nd Semester Course Code: N/A
Credit Hours Per Semester: 1	Equivalent Semester Hours: 73
Repeat for Credit: yes, during Grades 7 or 8	Fees*: none
NCAA: no	CCHE: no

Students will participate in a variety of warm-ups, exercises, fitness testing, locomotor skills, sports games, and discussions. Students will also learn character, fitness, and healthy lifestyle habits, as well as set goals and monitor their progress through power, speed, agility, strength, balance, and endurance. Students will engage in physical activity outside of class and turn in logs which document their activities. Certain fitness tests and sports games will vary from the Fall Semester to the Spring Semester.

Course: Outdoor Education	Grade Level(s): 9-12
Length of Course: semester (offered both Fall and Spring semesters)	Prerequisite(s): transportation to off-site locations, flexibility of schedule on Mondays to attend off-site activities, and previous hiking and outdoor activities experience recommended.
1st Semester Course Code: 725A or 725B	2nd Semester Course Code: N/A
Credit Hours Per Semester: 1	Equivalent Semester Hours: 73
Repeat for Credit: yes, up to 2 credits	Fees*: yes
NCAA: no	CCHE: no

Students will participate in hiking, rock climbing, ropes courses, zip-lining, harnessing and belaying, obstacles/challenges, and discussions. Life lessons, teambuilding, leadership, communication, character building, and safety will be interwoven into the course. This class involves activity that ranges from moderate-to-strenuous in difficulty. Students will also engage in physical activity outside of class and turn in logs which document their activities.

Course: Personal Fitness	Grade Level(s): 9-12
Length of Course: semester (offered both Fall and Spring semesters)	Prerequisite(s): none
1st Semester Course Code: 721A or 721B	2nd Semester Course Code: N/A
Credit Hours Per Semester: 1	Equivalent Semester Hours: 73
Repeat for Credit: yes, up to 2 credits	Fees*: none
NCAA: no	CCHE: no

Students will participate in a variety of warm-ups, exercises, fitness testing, locomotor skills, sports games, and discussions. Students will also learn character, fitness, and healthy lifestyle habits, as well as set goals and monitor their progress through power, speed, agility, strength, balance, and endurance. Students will engage in physical activity outside of class and turn in logs which document their activities. Certain fitness tests and sports games will vary from the Fall Semester to the Spring Semester.

Course: PE Team Sports	Grade Level(s): 9-12
Length of Course: semester (offered both Fall and Spring semesters)	Prerequisite(s): none
1st Semester Course Code: 723A or 723B	2nd Semester Course Code: N/A
Credit Hours Per Semester: 1	Equivalent Semester Hours: 73
Repeat for Credit: yes, up to 2 credits	Fees*: none
NCAA: no	CCHE: no

Students will participate in a variety of warm-ups, sports games, and discussions. Life lessons, leadership, teamwork, communication, and healthy lifestyle habits will also be interwoven into the course. Students will also engage in physical activity outside of class and turn in logs which document their activities. Certain sports games will vary from the Fall Semester to the Spring Semester.

Course: Reading for Speed and Comprehension	Grade Level(s): 9-12
Length of Course: semester (offered both Fall and Spring semesters)	Prerequisite(s): none
1st Semester Course Code: 261A or 261B	2nd Semester Course Code: N/A
Credit Hours Per Semester: 1	Equivalent Semester Hours: 73
Repeat for Credit: no	Fees*: none
NCAA: no	CCHE: no

Reading For Speed and Comprehension is a course developed at the Air Force Academy to greatly increase reading and comprehension rates. Specific goals are to improve students' reading rates, comprehension, recall, and vocabulary skills. Students will learn how to think about themselves as readers as they understand their strengths and weaknesses; they will then apply specific reading strategies to enhance their progress.

Course: Theatre	Grade Level(s): 8-12
Length of Course: semester (offered both Fall and Spring semesters)	Prerequisite(s): none
1st Semester Course Code[†]: 760JHA, 760JHB, 760HSA, or 760HSB	2nd Semester Course Code: N/A
Credit Hours Per Semester: 1	Equivalent Semester Hours: 73
Repeat for Credit: yes, up to 2 credits	Fees*: yes, plus students are responsible for their own costumes, makeup, sets, and props.
NCAA: no	CCHE: no

Theatre serves to help students understand and apply the creative process to the fundamental skills of acting, playwriting, set design, costuming, and directing. Each semester students will act, produce, and perform scenes studied during the course of the semester. Students will analyze plots, characters, and themes in the contexts of culture and history of traditional and modern forms of dramatic expression.

Course: Writing Foundations	Grade Level(s): 7-11
Length of Course: year	Prerequisite(s): faculty recommendation required
1st Semester Course Code[†]: 250JHA or 250HSA	2nd Semester Course Code[†]: 250JHB or 250HSB
Credit Hours Per Semester: 1	Equivalent Semester Hours: 73
Repeat for Credit: no	Fees*: none
NCAA: no	CCHE: no

Writing Foundations is a pass/fail class that is designed to reinforce writing skills and proper grammar as well as allow students to receive individual coaching on writing assignments for other classes. Foundations is intended as a supplement for those who would like to strengthen their writing ability on the path to college readiness. Each section is capped at 12 students. Students will cover grammar, punctuation, writing organization, thesis construction, and MLA format and style requirements. This class will allow more in-depth review of and assistance with standards that are expected for success in TCA English classes and beyond. Regularly, the class acts as a Writing Center for practice and review of writing from other core classes, with assistance by the instructor and trained tutors.

Course: Math Foundations	Grade Level(s): varies
Length of Course: year	Prerequisite(s): faculty recommendation required [‡]
1st Semester Course Code: 006A	2nd Semester Course Code: 006B
Credit Hours Per Semester: 1	Equivalent Semester Hours: 73
Repeat for Credit: no	Fees*: none
NCAA: no	CCHE: no

The Math Foundations course is designed to assist students who are performing below grade level in mathematics or who show weaknesses in math skills needed in the Pre-Algebra course. This course will focus on pre- and post-teaching as well as practice of the essential components needed for success in Pre-Algebra.

[‡]Students intending to take Pre-Algebra who score below a 25 on the Math Basic Skills Assessment Test will automatically be scheduled for Math Foundations.

HISTORICAL COURSES

Historical courses are courses that were once part of the TCA College Pathways curricula but are no longer being offered. All courses are year-long, unless noted.

American Literature and Composition NCAA/CCHE

Grade 11

American Literature and Composition is a study of our nation's literature from colonial times to the present. The worldview and philosophy of each author is analyzed. The student's ability to critique the literature and philosophy of each author will be developed through the study of Puritanism, Deism, Romanticism, Transcendentalism, Realism, Naturalism, Modern Pessimism, and Post-modernism. This course will provide the student with an overview of the development of literature and thought in America. The philosophies developing in each period of American history will be discussed, and students will be taught to identify and critique the philosophy of each author. Historical and biographical information will be provided for each period and author to enable students to see the literature in its historical context. The understanding and appreciation of literature is gained by learning the necessary literary terms.

Texts: In addition to TCA-developed course materials, prominent American authors/works of each time period may be used and may include *Huckleberry Finn*, *The Scarlet Letter*, *Of Mice and Men*, *The Glass Menagerie*, and *Moby Dick*.

Business Applications

Grades 9-12

One semester course

This course introduces students to the world of business. Students will develop an understanding of the functions of business, including accounting, marketing, information and communication technology, human resources, and production, and of the importance of ethics and social responsibility. This course builds a foundation for further studies in business and helps students develop the business knowledge and skills they will need in their everyday lives.

Communication, Speech, and Debate

Grades 10-12

Speech/Debate is designed to not only educate students in the basics of speech, theatre, and debate, but also to provide The Classical Academy with a competitive speech and debate team. Students may learn the ins and outs of debate (Public Forum, Lincoln/ Douglas, and Cross Examination) and Individual Events (Original Oratory, Duet Interpretation, Humorous or Dramatic Interpretation, Extemporaneous, and Poetry). Students are required to participate in a percentage of meets on Saturdays (both locally and in the front range region) to compete with other schools. Through the duration of this class, every student will learn how to compete in each event in order to find his/her strengths. Students may be required to pay a \$60 activities fee at the beginning of the year to defray the cost of competitions.

Pre-Algebra Math Lab

Enrollment by faculty recommendation only

The Math Lab course is designed to assist students who are performing below grade level in mathematics or who show weaknesses in math skills needed in the Pre-Algebra course. This course will focus on pre- and

post-teaching as well as practice of the essential components needed for success in Pre-Algebra. This year-long course is an elective and does not meet the math requirements for graduation. This course does not meet CCHE requirements for an academic elective. *Enrollment in this Math Lab is by faculty recommendation only.

Reading at the College Level

Grades 9-12

One semester course

Reading at the College Level is a course developed at the Air Force Academy to greatly increase reading and comprehension rates. It is especially helpful for CP students as their reading demands greatly increase with early college enrollment. Specific goals are to improve students' reading rate, comprehension, recall, and vocabulary skills. The majority of students will triple their reading rates! Students will learn how to think about themselves as readers as they understand their strengths and weaknesses; they will then apply specific reading strategies to enhance their progress. Research studies indicate that most high school students are ill-prepared for the significant increase in reading tasks expected during the first year of college. College reading assignments are typically three to four times longer than high school reading assignments, and they contain a wide variety of technical and highly specialized vocabulary. The increased demands of college-level reading are compounded by the potentially hectic schedule and change in living environment; thus, reading requirements may appear overwhelming. Giving students the tools necessary to read faster and comprehend better enables them to confidently enter new learning environments.

Spanish III

NCAA/CCHE

Grades 11-12

Prerequisite: Spanish 2

Spanish III is designed for students who plan on continuing their Spanish studies. It provides a review and completion of the study of Spanish verb tenses and language structures. Students are expected to speak mainly Spanish in the classroom. Colloquial and conversational phrases are presented, and students are given many opportunities to converse and use the language through activities with their classmates. Expansion of vocabulary includes topics such as detailed descriptions of people and things; domestic articles and chores; vacation activities; food; leisure; social situations; expressing opinions, emotions, doubts, and accomplishments; and giving advice. Students write expository and creative compositions, participate in regularly scheduled class discussions in Spanish, and are continually exposed to the geographical, historical and cultural aspects of Spanish-speaking countries. They will also read some poetry and short stories.

Speech

Grades 9-12

One semester course

This practical course introduces students to the basics of preparing and performing public speeches, as well as reduces the fear of public speaking through practice and preparation. It is designed to offer the novice speaker several opportunities to prepare and present public speeches. Throughout this one-semester course the students will prepare a variety of speeches, including informative, persuasive, impromptu, business, special occasion, and debate. The class time will involve lecture as well as many opportunities for students to present and critique fellow students' speeches in the class environment. The lecture portion of the class will focus on organization of a particular type of speech, as well as audience analysis and other speech preparation. The course may also involve one or two field trips where the students will observe public speakers in action (for example: the state legislature or a similar venue).