



2024-2025 College Pathways Course Descriptions

All courses are two-semester, full year courses unless otherwise noted.

ENGLISH

English 7

Grade 7

Fees: None

The main focal points for seventh grade English are literature, writing, and the development of presentation skills. Students study several short stories, poetry, the plays *The Comedy of Errors* (Shakespeare) and *Cyrano de Bergerac* (Rostand), and the books *Around the World in 80 Days* (Verne), *The Call of the Wild* (London), and *Anne Frank Remembered* (Geis). Vocabulary study is based on the 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.

Texts: Classical literature and TCA-developed course materials.

English 8

Grade 8

Fees: None

Eighth grade English at College Pathways strengthens the literary and writing foundations learned in seventh grade. Areas of specific literary study include multiple short stories, poetry, Shakespeare's *Twelfth Night*, Harper Lee's *To Kill a Mockingbird*, John Bunyan's *The Pilgrim's Progress*, *Across Five Aprils* by Irene Hunt, and other works as time permits. 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 in the curriculum. As a culmination of skills learned, students will research, write, and present on a literary work of their choice as the final project of the year. Literary criticism skills will be introduced during this final independent research project.

Assignments will be completed in class, online, and at home, allowing students to develop literary and analytical skills in unique contexts.

Texts: Classical literature and TCA-developed course materials will be used.

Classics & Composition I**NCAA/CCHE****Grade 9****Fees: \$50-55 (to cover a portion of the cost for consumables; students keep purchased books)**

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.

Texts: Literature selections may include short stories ("Scarlet Ibis," "The White Heron," "How Much Land Does A Man Need," "The Man That Corrupted Hadleyburg," "A Good Man is Hard to Find," "Bartleby the Scrivener," "The Secret Life of Walter Mitty," "Desiree's Baby," "The Catbird Seat"), and novels (*Fahrenheit 451*, *Tale of Two Cities*, *Lord of the Flies*), drama (*The Importance of Being Earnest*, *Romeo and Juliet*), epic poetry (*The Odyssey*, *Beowulf*), and selections of poetry and mythology.

Classics & Composition II**NCAA/CCHE****Grade 10****Fees: \$40-45 (to cover a portion of the cost for consumables; students keep purchased books)**

Classics & Composition II is a study of our nation's 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.

Texts may include selections from prominent American authors/works of each era: excerpts from Puritan writers such as John Winthrop and Anne Bradstreet; essays from Emerson and Thoreau; short stories by Hawthorne and Poe; novels such as *The Great Gatsby* (Fitzgerald), *Farewell to Arms* (Hemingway), *The Scarlet Letter* (Hawthorne), *The Adventures of Huckleberry Finn* (Twain), and *Of Mice and Men* (Steinbeck); various American poets (Dickinson, Whitman, Robert Frost, Mary Oliver, Wendell Berry); modern drama such as *The Crucible* (Arthur Miller) or *The Glass Menagerie* (Tennessee Williams).

World Literature & Composition**NCAA/CCHE****Grade 11****Fees: None**

World Literature & Composition is a survey course via reading of representative authors in all 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.

Texts: Literature will include several novels (*Sir Gawain and the Green Knight*, *The Red Badge of Courage*, *The Life of Pi*, *The Great Divorce*, *The Picture of Dorian Gray*, *Letters and Papers from Prison*) and selections of poetry and short stories.

MATHEMATICS

Pre-Algebra

Grades 7-8

Fees: \$18 for Math XL (to cover a portion of the cost for online software licensing)

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. Students will build on their mathematical knowledge in preparation for Algebra 1. Students will be assessed at the conclusion of each chapter.

Text: *Pre-Algebra 8e* by Elayne Martin Gay, Pearson.

Algebra 1

NCAA/CCHE

Grades 7-9

Fees: \$18 for Math XL (to cover a portion of the cost for online software licensing)

Recommended Prerequisite: Pre-Algebra (recommended C- or better in both semesters)

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.

Text: *Algebra*, Prentice Hall

Geometry

NCAA/CCHE

Grades 8-11

Fees: \$18 for Math XL (to cover a portion of the cost for online software licensing)

Prerequisite: Algebra I (recommended C- or better in both semesters)

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 in Geometry 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.

Text: *Geometry*, Prentice Hall © 2012/2015

Algebra 2

NCAA/CCHE

Grades 9-12

Fees: \$18 for Math XL (to cover a portion of the cost for online software licensing)

Prerequisites: Algebra 1 and Geometry (recommended C- or better in both semesters)

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.

Text: *Algebra 2*, Prentice Hall © 2012/2015

Pre-Calculus

NCAA/CCHE

Grades 10-12

Fees: \$18 for Math XL (to cover a portion of the cost for online software licensing)

Prerequisite: Algebra 2 (recommended B- test average or better both semesters)

In Pre-Calculus, 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.

Text: *Precalculus*, Demana, Waits, Foley and Kennedy, 10th Edition

SCIENCE

Science 7

Grade 7

Fees: \$12 (to cover the cost of consumables and maintenance of special equipment)

Seventh grade Science 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 Mendellian genetics and human heredity will also be covered this year.

Our first hour together will focus on learning and teaching new concepts that will be presented in the work at home. We will also discuss questions from the homework. The emphasis of the second hour is to have hands-on practice or lab work, taking what we are learning and applying it to a lab/activity situation to help with understanding. The focus is also on developing quality students who have discipline and organization, building self-confidence and success in the field of science.

Texts: *Life Science*, McGraw-Hill, supplemented by TCA-developed course materials and extensive use of numerous educational web sites.

Science 8

Grade 8

Fees: \$12 (to cover the cost of consumables and maintenance of special equipment)

Prerequisite: Pre-Algebra completed or currently enrolled

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. We also study power, machines, and energy. There will be an introductory unit of Chemistry, and the year will end with a unit on sound waves and light waves. The class format is broken into two parts. Our first hour together will focus on learning and teaching the new concepts that will be presented in the work at home. We will also discuss questions from the homework. The emphasis of the second hour is to have hands-on practice or lab work, taking what we are learning and applying it to a lab/activity situation to help with understanding. The focus is also on developing quality students who have discipline and organization, building self-confidence and success in the field of science.

Texts: *Physical Science*, McGraw-Hill, supplemented by TCA-developed course materials and extensive use of numerous educational web sites.

Biology NCAA/CCHE Grades 9-11
Fees: \$18 total (\$12 to cover the cost of consumables and maintenance of special equipment; \$6 to cover the cost of consumable materials related to blood-typing activity)

Understanding how living organisms function and understanding the interactions between all living organisms and their environment are keys to being a good citizen in today's world. Biology begins with a brief review of the scientific method followed by a unit on ecology. The remainder of the first semester will focus on the chemistry of life as well as the structure and function of cells (emphasizing the roles of various organelles). The study of cells will include cell membrane structure and function, cellular respiration, photosynthesis, the cell cycle, meiosis, genetics, DNA structure and replication, and the making of proteins. Second semester begins by exploring heredity and how characteristics are inherited through families, followed by a brief unit on evolution, which focuses on population genetics, speciation, and a look at the various geological periods. The remainder of the 2nd semester 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 we will study and discuss various issues in biology such as human impact on the environment, stem cell research, and the use of genetic technology.

Text: *Biology*, Prentice Hall

Earth Science NCAA/CCHE Grades 9-11
Fees: \$12 (to cover the cost of consumables and maintenance of special equipment)

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.

Text: *EarthComm: Project-Based Earth and Space System Science*

Chemistry**NCAA/CCHE****Grades 10-11****Fees: \$12 (to cover the cost of consumables and maintenance of special equipment)***Prerequisite: Successful completion of Algebra I (recommended test average of B- or above).*

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 the 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.

Text: *Chemistry*, Prentice Hall**Physics****NCAA/CCHE****Grade 10-12****Fees: \$25 (to cover the cost of consumables, maintenance of special equipment, and online software licensing)***Prerequisite: Algebra II (recommended student concurrently enrolled in Pre-Calculus if course hasn't been successfully completed)*

Physics is the study of the relationships and interactions between matter, forces, and energy. As such, physics is considered foundational to the 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. Group projects may be added to supplement students' learning outside of school.

Text: *Cutnell and Johnson Physics* (Wiley)**SOCIAL SCIENCES****History 7****Grade 7****Fees: None**

History 7 will explore the shaping of America 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, we'll see how historians make sense of this key period in our American 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! We'll think critically about how history works and explore many primary sources from that past. While this class focuses on American history, we'll also study global events that inevitably left a mark on our developing nation.

Texts: *American History MyWorld Interactive 2019*. Numerous online and handout primary sources will supplement this text.

History 8

Grade 8

Fees: None

8th grade U.S. History will begin with the study of World War I and end with Nixon's resignation. We will cover the social, political, cultural, military, economic, and diplomatic aspects of these time periods. 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.

Texts: *American History MyWorld Interactive Savvas 2019* and various online resources.

Civics 9

NCAA/CCHE

Grade 9-12

Fees: None

One Semester Course (Fall Only)

This course typically precedes the 9th grade World History course offered 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. We'll analyze how political parties, interest groups, and mass media all powerfully impact our political culture and the "nuts and bolts" of American political life. We'll utilize 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.

Texts: *Government Alive, Power, Politics, and You TCI, 2020; Amusing Ourselves to Death*; and various online resources.

World History 9

NCAA/CCHE

Grade 9

Fees: None

One Semester Course (Spring Only)

In the World History 9 semester, we will focus on the Ancient World and the origins of civilization. We will begin by studying the earliest civilizations in human history. We will then explore Ancient Greece and Rome and their foundational role in western civilization. We will end the class by discussing 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. We will also look at emerging civilizations like Islam and the Mongols who played an important role shaping world history at this time.

During this class, we will discuss 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. We'll see how historians make sense of the stories and adventures of those who lived in, and through, this past.

Texts: *World History and Geography: Early Ages*, McGraw Hill, 2018, and various primary sources.

World History 10**NCAA/CCHE****Grade 10****Fees: None**

World History 10 explores Western Civilization from the outbreak of the Crusades and the devastating Black Death pandemic before the Renaissance up to the age of the French Revolution in the modern age, focusing on the ideas and worldviews, captivating figures, and intertwining trends that shaped the Western world. We'll see how historians make sense of this period and how clashes of ideas and religious ideologies, art and architecture, literature, and political conflicts all powerfully impacted one another along the way.

Examining a wide variety of sources—from artwork and real-life accounts that provide windows into the age to pivotal people whose ideas transformed it—we will discover ways in which this period profoundly impacts our own today. World History 10 strongly encourages students to think critically and more deeply about history at its core while exploring the stories of those who lived in, and through, that past.

Texts: *The Western Experience* (10th Edition) McGraw Hill, *Western Civilization: Sources, Images, and Interpretations*. Online resources and handouts will supplement these two resources.

WORLD LANGUAGES**Spanish I****NCAA/CCHE****Grades 9-12****Fees: None**

Spanish I is a year of developing core language skills. The first-year 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. Latin culture will also be studied in order to learn how it compares and contrasts to the student's own culture.

Text: *¡Qué chévere! 1* © 2020 Carnegie Learning

Spanish II**NCAA/CCHE****Grades 9-12****Fees: None**

Prerequisite: Spanish 1

Spanish II 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. Latin culture will also be studied in order to learn how it compares and contrasts to the student's own culture.

Text: *¡Qué chévere! 2 Second Edition* © 2020 Carnegie Learning

ELECTIVES

Art 1

Grades 7-12

Fees: \$15 (to cover the cost of consumables)

The year-long course of Art 1 is designed to build confidence through an explorative journey into the world of art. Art 1 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.

Texts: TCA-developed course materials and *The Visual Experience*, 3rd edition, 2005 by Jack Hobbs, Richard Salome, and Ken Vieth.

Art 2

Grades 8-12

Fees: \$15 (to cover the cost of consumables)

Prerequisite: Art 1

The year-long course of 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.

Texts: TCA-developed course materials and *The Visual Experience*, 3rd edition, 2005 by Jack Hobbs, Richard Salome, and Ken Vieth.

Art 3

Grades 9-12

Fees: \$15 (to cover the cost of consumables)

Prerequisite: Art 2

The year-long course of Art 3 will build 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 Art 3 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.

Texts: TCA-developed course materials and *The Visual Experience*, 3rd edition, 2005 by Jack Hobbs, Richard Salome, and Ken Vieth.

Computers 1

Grades 7-12

Fees: None

One Semester Course (Fall Only)

Prerequisite: None

This course 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 (because all computers in the labs are PCs, there is no focus on or discussion of the Mac environment). All submitted electronic files are required to be in PC format.

Students learn to touch-type with required levels of speed and accuracy. They develop an understanding of how computer hardware and software works 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 (including Word and Excel; District 20 provides student licenses for MS Office 365 online), and online computer science/coding tutorial.

Texts: TCA-developed course materials

Computers 2

Grades 7-12

Fees: None

One Semester Course (Spring Only)

Prerequisite: Computers 1

This course builds on the content of Computers I. It 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 for their final grade. 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. All work is submitted in the required PC format. Learning is accomplished through lectures, classroom discussions, hands-on exercises in the computer lab, and work at home. Students will 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 install; URL and instructions are provided)
- Web browser such as Internet Explorer, Chrome, Firefox, or Safari
- Online Computer Science Program

Texts: TCA-developed course materials

Critical Thinking

Grades 9-12

Fees: None

One semester course offered both fall and spring

Prerequisite(s): none

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.

Text: None.

Health & Wellness

Grades 9-12

Fees: \$7 (to cover the cost of consumables and CPR & First Aid certification)

One semester course offered both fall and spring

Health and Wellness is a graduation requirement for TCA/College Pathways and Academy District 20. 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. Students are encouraged to take this course through College Pathways but have the option of receiving credit through an approved home school curriculum or an approved college course at PPSC.

Text: *Health* by Pruitt, Allegrante, Prothrow-Stith, Pearson, Copyright 2014

Intro To Yearbook

Grades 7-12

Fees: None

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 in various deadlines in compliance with Herff Jones, our publisher, and offered to CP families for purchase.

On Course

Grades: 10-12*

Fees: \$2 (to cover a portion of the cost of the materials used in the course)

*One semester course offered fall and spring; *MUST score “college ready” on English or Math Accuplacer Tests*

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. On Course is a required course for all College Pathways students wishing to participate in our concurrent enrollment program with Pikes Peak State College. Students typically enroll in On Course during the semester prior to or concurrently with their first semester of classes at PPSC.

**** On Course is taught with college-student-type expectations in a high school setting in order to prepare students for when they are taking college classes. There is a very strict late policy and high expectations. Self-advocacy, responsibility, and maturity are an absolute MUST. Students must achieve at least a C- in order to take a college class the next semester. A grade less than C- will require the course to be repeated. Students who are enrolled in On Course concurrent with their first college class and earn a grade lower than a C- in On Course may have their next semester college courses limited or not authorized.****

Texts: *What Color is Your Parachute for Teens (workbook)*

Personal Finance

Grades 9-12

Fees: \$35 (to cover the cost of student workbook)

One semester course offered fall and spring

Personal Finance is a one-credit elective course. 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. Learning will take place through video lessons, taking notes, workbook assignments/projects, articles, class discussions/activities, and tests. Students will need to complete assignments before each in-person class so they are prepared for class discussions and activities.

Text: *Foundations in Personal Finance (High School version)* by Dave Ramsey (a video series with workbook)

Junior High Physical Education

Grades 7-8

Fees: None

One semester course offered fall and spring

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. ***Students may take/retake Junior High PE during 7th and/or 8th grade.**

PE Outdoor Education

Grades 9-12

Fees: \$70-80 (to cover a portion of the cost of course activities)

One semester course offered fall and spring

Outdoor Education fulfills one credit of the three PE credits required for graduation. 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, so please consider this before signing up for the class. It is highly recommended that students have previous experience in hiking and outdoor activities. Additionally, this class is held on Mondays (off campus) and at various scheduling times and locations (weather permitting), so students/families will need to be very flexible and patient. Students will either need to drive themselves to specified class locations or have a parent drive them to and from class locations. Students will also engage in physical activity outside of class and turn in logs which document their activities. ***Students may retake Outdoor Education in different semesters for up to two credits.**

PE Personal Fitness

Grades 9-12

Fees: None

One semester course offered fall and spring

Personal Fitness fulfills one credit of the three PE credits required for graduation. 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. ***Students may retake Personal Fitness in different semesters for up to two credits.**

PE Team Sports

Grades 9-12

Fees: None

One semester course offered fall and spring

Team Sports fulfills one credit of the three PE credits required for graduation. 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. ***Students may retake PE Team Sports in different semesters for up to two credits.**

Reading For Speed and Comprehension

Grades 9-12

Fees: None

One semester course offered fall and spring

Reading For Speed and Comprehension (RFSAC) 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 rates, 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.

Texts: *Speed Reading Naturally* and various fiction and non-fiction books.

Theatre

Grades 8-12

Fees: \$25 (to cover the cost of consumables and maintenance of special equipment)

One semester course offered fall and spring

Theatre serves to help students understand and apply the creative process to the fundamental skills of acting, playwriting, set design, costuming, and directing. Theatre at CP is scheduled as a two-hour class on Fridays in which most of the work is done in cooperation with classmates instead of at home on their own (memorization and character analysis is done individually). Each semester students will act, produce, and perform scenes studied during the course of the semester. Students will be responsible for their own costumes, makeup, and sets/props. Students will analyze plots, characters, and themes in the contexts of culture and history of traditional and modern forms of dramatic expression. ***Students may take Theatre for either one semester or two.**

Foundations

Grades 7-8/9-11

Fees: None

Enrollment by faculty recommendation only

Foundations is a pass/fail, non-core 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 class does not replace the grade-level English courses but 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. Typically, one day a week is focused on writing and grammar instruction and the other day functions as a Writing Center for practice and review of writing from other core classes, with assistance by the instructor and trained tutors. ***Enrollment in the Foundations class is by faculty recommendation only. For questions, contact Frank Haist at phaist@asd20.org.**

Math Foundations

Fees: None

Enrollment by faculty recommendation only

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. 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 Math Foundations is by faculty recommendation only. Students intending to take Pre-Algebra who score below a 25 on the**

Math Basic Skills Assessment Test will automatically be scheduled into Math Foundations. For questions, contact Frank Haist at fhaist@asd20.org.

HISTORICAL COURSES

Historical courses are courses that were once part of the TCA College Pathways curricula but are no longer being offered. The listing of historical courses is provided so that higher educational institutions may have an accurate definition of courses that appear on TCA CP transcripts.

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 offered fall and spring

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. For questions, contact Frank Haist at fhaist@asd20.org.

Reading at the College Level

Grades 9-12

One semester course offered fall and spring

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.

Texts: *Speed Reading Naturally* and various fiction and non-fiction books.

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 offered fall and spring

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).

Texts: *Speak Up! An Illustrated Guide to Public Speaking* and various online sources.

U.S. History

NCAA/CCHE

Grade 11

Fees: None

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.

Texts: Our main text will be *The American Vision* (Glencoe), but we will use other primary and secondary source material to dive deeper into certain content areas.