

Twin Peaks High School

Course Catalog

2014-2015



Twin Peaks High School

Twin Peaks High School is a **Classical Education** college-preparatory school. Students are held accountable to meet and/or exceed state content standards, do all assigned work, turn in assignments, participate in class, be prepared and on time.

Paired with parent support, Twin Peaks High School teachers work hard to ensure that their students succeed. They help students learn the knowledge from year-to-year that is essential for students to succeed in high school, college, and life.

What is Classical Education?

Classical education is a time-tested, proven approach to instruction that cultivates:

- the processes of learning, thinking, reading, writing and speaking
- the unity and appropriate application of knowledge, leading to wisdom, independence and civic responsibility
- character, leading to virtue

What are the Advantages of Classical Education?

- An insistence on a core curriculum that focuses on a study of the three R's, the natural sciences, literature and history (with an emphasis on Western civilization).
- A commitment to developing critical reasoning skills in students.
- Promotes the "great conversation" through the reading of the classics and other great works of literature.

What does Twin Peaks High School offer?

- Tailored collegiate planning for every student, beginning in 9th grade.
- Rigorous academics offering science, arts and humanities, and technology.
- A well rounded high school experience with a smaller student body and class size where all students are known, valued, and challenged to be their personal best.
- A college preparatory program with Advanced Placement options designed to meet or exceed selective college requirements using the framework of Classical Ed:

- | | | |
|-----------------------|---------------|-------------------------------|
| - AP US History | - AP Calculus | - AP Language & Composition |
| - AP European History | - AP Physics | - AP Literature & Composition |
| - AP Human Geography | - AP Biology | - AP Chemistry |

Our AP Program recognizes students who have demonstrated outstanding

achievement through AP courses and exam grades. AP students can qualify for the following awards: AP Scholar, AP Scholar with Honors, and AP Scholar with Distinction.

COURSE LIST

LANGUAGE ARTS

LA075 Competitive Speech ^ Z
LA100 Classical Literature
LA150 Classical Literature Honors
LA160 Composition ^ !
LA200 British Literature
LA250 British Literature Honors
LA300 US Literature
LA360 Rhetoric
LA400 20th Century Literature
LA425 Advanced Placement Language and Composition
LA450 Advanced Placement Literature and Composition

SOCIAL SCIENCE

SS100 Western Civilizations 1
SS120 Western Civilizations Honors 1
SS200 Western Civilizations 2
SS220 Western Civilizations Honors 2
SS300 US History
SS325 AP Human Geography
SS350.1 AP US History
SS400 Modern World History
SS410 American Government
SS520.1 AP European History
SS500 World Religions ! Z

MATHEMATICS

MA100: Algebra 1
MA150: Algebra 1 Honors
MA200: Geometry
MA250: Geometry Honors
MA300: Algebra 2 / Trig

MA400: Pre-Calculus
MA475: College Algebra
MA500: AP Calculus (AB)
MA505: AP Calculus (BC)
MA520.1: AP Statistics

SCIENCE

SC160 Environmental Science (10,11,12) ! Z
SC170 Astronomy Z
SC170.1 Integrated Science
SC100 Biology
SC150 Biology Honors
SC200 Chemistry
SC250 Chemistry Honors
SC300 Physics 1
SC410 AP Biology
SC420 AP Chemistry 1-2
SC430.1 AP Physics 1
SC430.2 AP Physics 2

WORLD LANGUAGES

WL100 Spanish 1
WL150 Advanced Spanish 1
WL200 Spanish 2
WL300 Spanish 3
WL400 Spanish 4
WL450 AP Spanish

FINE ARTS

ART

A100 Foundations in Art
A150 2D 1 Art ^ !
A160 2D 2 Art ^ !
A200 3D 1 Art ^ ! Z
A210 3D 2 Art ^ ! Z
A220 Intro. to Digital Art ^ ! Z

MUSIC

MU150 Choir ^*

MU200 Advanced Choir ^ * ! Z
MU161 Symphonic Band ^ * !
MU180 Jazz Band ^ * ! Z

THEATER

TH150 Theater: Acting ^ Z
TH120 Advanced Theater ! Z

PHYSICAL EDUCATION

Students participating in outside athletic activities may apply for Physical Education credit.

PE100 Noncompetitive P.E. ^
PE110 Strength and Conditioning ^

HEALTH

Will be assigned if not taken by 10th grade.
H100 Health & Wellness

TECHNOLOGY

TE100 Information Technologies
TE200 Advanced Information Technologies: Intro to Computers and Robotics

GENERAL ELECTIVES

MA090 Pre-Algebra * !
MS100 Student Aide ^ !
MS150 Study Hall ^ (0 credit)
MS200 Publishing * ! Z
MS300 College and Life (11,12) Z

For Elective Choices:

Electives: Please note that actual course offerings are determined by sufficient student interest and staffing levels. Some courses may be assigned as "zero hour", meeting before or after school.

^ Can be repeated

* References yearlong courses

! Elective courses that have prerequisite, audition, application, or instructor consent required. See course description catalog for details.

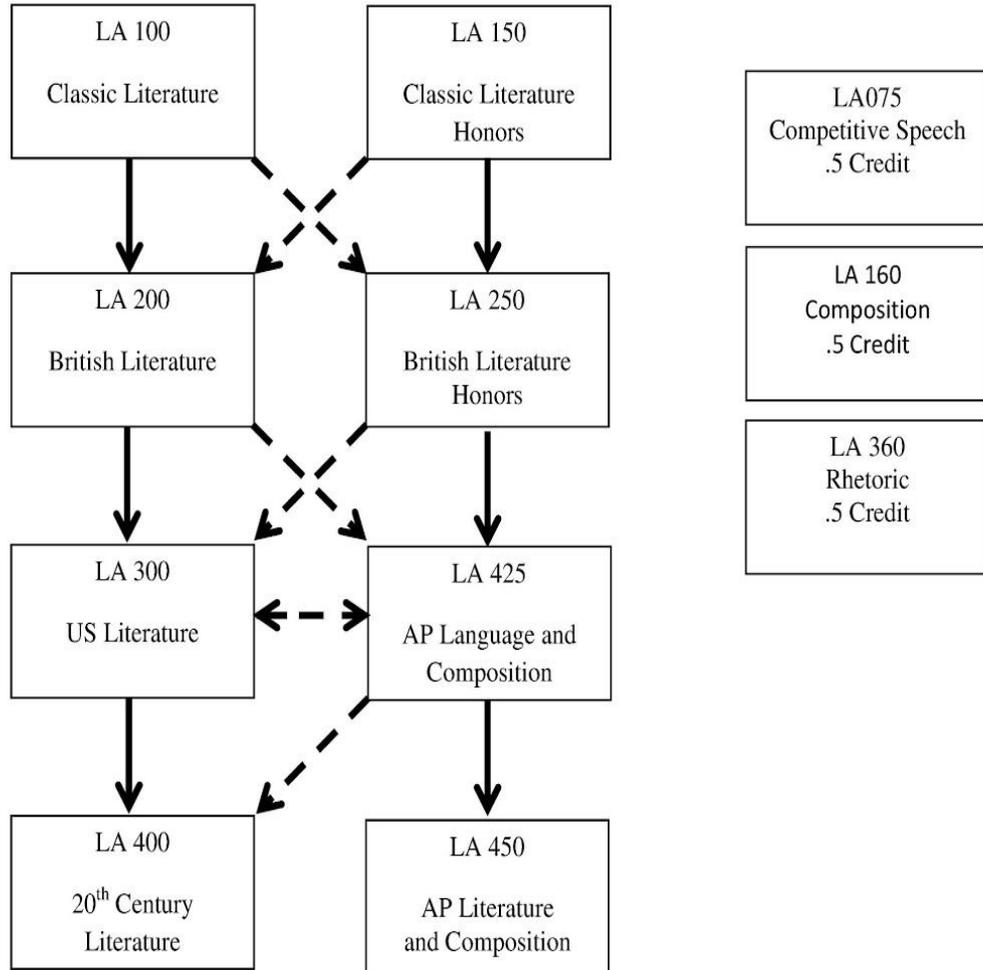
Z = possible zero hour course: meets before or after school

NOTE: Solid arrows indicate required course path. Dashed arrows show option course path. 100 level course are considered Freshman level, 200 Sophomore, 300 Junior, and 400 and above are considered Senior level courses. Depending placement a student may be enrolled in a higher level course. Actual course offerings are determined by sufficient student interest and staff availability.

Graduation Requirements

Subject	Classical Path	Honors Path
Language Arts	4.5	4.5
Social Science	4.5	4.5
Mathematics	3	4
Science	3	3
World Language	3	3
Fine Arts	1	2
Phys. Ed.	1	1
Health	.5	.5
Technology	.5	.5
General Electives	3	2
Total	24	25

High School Language Arts



LANGUAGE ARTS

LA075 Forensics-Competitive Speech: (elective) .5 credit. Prerequisite: None. This course aims to develop students' skills and confidence in the areas of public speaking, research, debate, and creative performance through exposure competition in at least two events outside of the classroom, but will learn a variety of events through in-class presentations. The course will cover both logic and argumentation as well as the fundamentals of effective public speaking: preparation, pace, tone, facial and vocal expressiveness, and anxiety management. Students in this class will be prepared for successful competition in local, statewide, and even national competition. This course does not currently fulfill the Rhetoric requirement

LA100: Classical Literature: 1 credit. Prerequisites: None. This year long course is a survey of early pivotal works in the Western tradition, spanning nearly 3000 years. First semester begins with the oldest piece of recorded writing and then focuses on the works of Homer. Second semester will see the transition from Classical to Hellenistic Greece, and beyond. Representative authors include Sophocles, Plato, Virgil, and Dante. The course is organized around central questions such as the meaning of being human, the relationship of men and gods, the nature of justice, and other questions about the human experience. The course includes several long papers requiring sustained analysis and many smaller projects and presentations.

LA150: Classical Literature Honors: 1 credit. Prerequisites: None. Similar to Classical Literature but with substantially more readings and papers.

LA160: Composition: .5 credit. Prerequisite: Instructor recommendation. This course is for students who require a level of intentional writing development beyond what a standard literature course can provide. The course will include instruction in argumentation and grammatical analysis as well as essay structure. For papers assigned in other courses the course will focus on revision, through which the course will foster logical organization, clarity of expression, and depth of analysis.

LA200: British Literature: 1 credit. Prerequisites: Classical Literature. A survey of canonical English Literature. Representative authors would include Shakespeare, Dickens, Shelley, Orwell, Milton, and various poets. Throughout the course, students study the authors, texts, and their place in British history. Students engage the authors and each other over key issues such as identity, free will, sacrifice and honor. This course will require two research papers and several shorter works of analysis.

LA250: British Literature Honors: 1 credit. Prerequisites: Classical Literature and instructor recommendation. Similar to British Literature but with substantially more readings and papers.

LA300: US Literature: 1 credit. Prerequisites: British Literature. This course engages students in classics of American literature and how it speaks to us as a people. Representative authors may include Twain, Steinbeck, Cooper, Chopin, and Fitzgerald. This course will require three to four substantial papers.

LA360: Rhetoric: .5 credit. Prerequisites: None. Students read and analyze historical speeches and the works of several rhetorical theorists in order to understand the many elements of persuasion. Readings may include Plato, Aristotle, Pericles, Gorgias, Martin Luther King Jr., and others. Students study, write and deliver each of three types of speech as put forth by Aristotle. Other classroom topics include arrangement, delivery, logic, style and the three types of appeal.

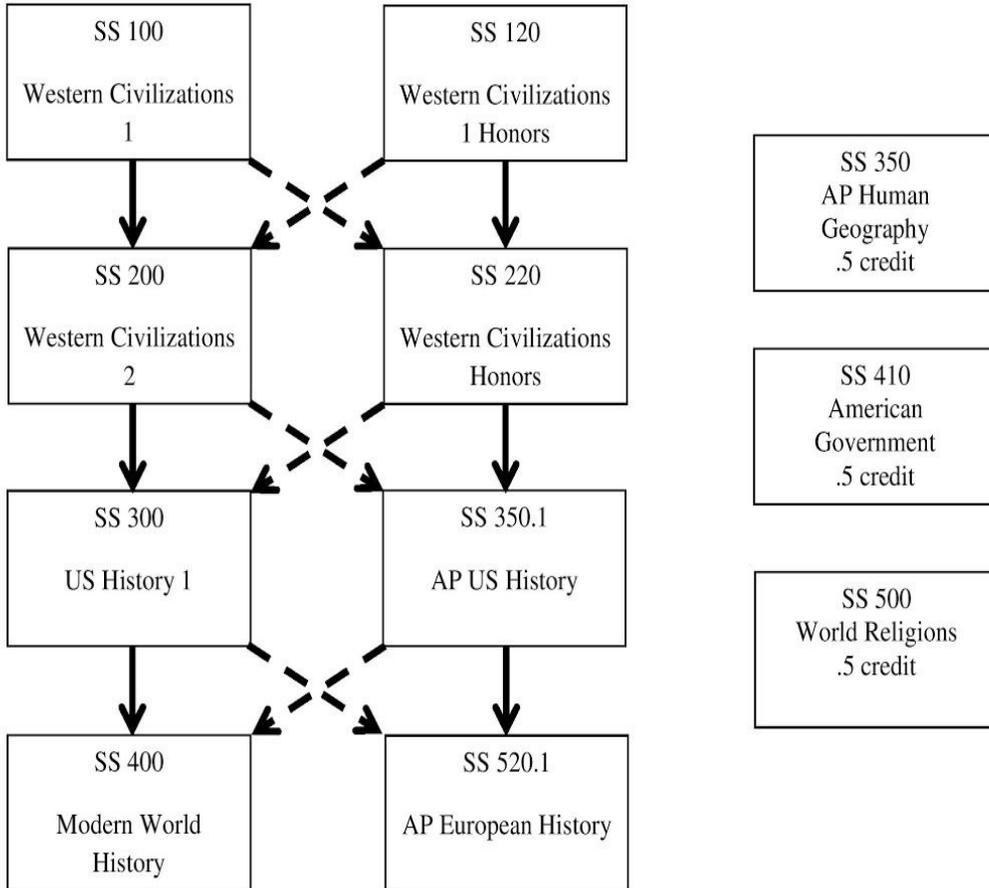
LA400: 20th Century Literature: 1 credit. Prerequisites: US Literature. Students will continue their exploration of great literature as they read 20th century pieces from around the world. They will study and discuss their authors, historical contexts, and the influence of literature from the past. Great writers such as Dostoyevsky, Miller, Hurston, Lee, and others will be introduced or revisited. Students will also continue to strive for clarity and depth in their writing through short analysis essays, narratives, and research papers.

LA425: AP Language and Composition: 1 credit. Prerequisites: US/British Literature . The AP Language and Composition course is a college-level class that emphasizes the study and practice of rhetorical strategies and argumentation. Not only will students read great works of American fiction and nonfiction, they will also expand their own writing skills through frequent impromptu essays and longer research papers. Students will focus especially on developing a unique voice and creating convincing arguments. Class activities will also often include discussions and debates.

LA450: AP Literature and Composition: 1 credit. Prerequisites: US/British Literature. The AP Literature and Composition course will allow students to continue their study of great works of literature with 20th century texts. Students will continue to do close-reading and analysis with the intention of discovering how writers use language to create meaning for their audiences. The class will also focus on theme, and the relationship between recent literature and that of the past. Students will also do both impromptu and extended writing assignments, working toward creating a distinctive

voice, clarity, and depth in their writing.

High School Social Science



SOCIAL SCIENCE

SS100: Western Civilizations 1: 1 credit. Prerequisites: None. Ancient Greece and Rome are the cornerstones of Western civilization and this course begins the formal conversation of what led to the American experiment.

SS120: Western Civilizations 1 Honors: 1 credit. Prerequisites: Instructor recommendation: Ancient Greece and Rome are the cornerstones of Western civilization and this course begins the formal conversation of what led to the American experiment. This course will require students to go deeper in depth on their knowledge and understanding of concepts to produce detailed writing pieces, as well as independent study units.

SS200: Western Civilizations 2: 1 credit. Prerequisites: None. Students will examine the development of Western culture starting in the late Roman Empire, beginning with the rise and eventual triumph of Christianity in the fourth century. After dealing with the fall of the Roman Empire, students will explore the period known as the Middle Ages followed by the Renaissance. Students will briefly focus on the political and philosophical developments of the seventeenth century that will give rise to the Enlightenment.

SS220: Western Civilizations 2 Honors: 1 credit. Prerequisites: Instructor recommendation: Students will examine the development of Western culture starting in the late Roman Empire, beginning with the rise and eventual triumph of Christianity in the fourth century. After dealing with the fall of the Roman Empire, students will explore the period known as the Middle Ages followed by the Renaissance. Students will briefly focus on the political and philosophical developments of the seventeenth century that will give rise to the Enlightenment. This course will require students to go deeper in depth on their knowledge and understanding of concepts to produce detailed writing pieces, as well as independent study units.

SS300: U.S. History: 1 credit. Prerequisites: Western Civilizations 1 & 2. An integrated approach to the events, people and influences that have shaped the United States, including, but not limited to geography, economics, politics and international relations. The course stresses how policies were determined, how conflicts were managed and how gender, race and cultural issues have impacted society. Major themes include contact between European settlers, Native Americans and African Americans, creation of the Constitution, major conflicts, territorial growth, relations between various cultures, key rulings of the Supreme Court and contemporary issues.

SS325 AP Human Geography: 1 credit. Prerequisites: None.

This Advanced Placement Human Geography course will introduce students to the study of patterns and processes that have shaped human understanding, use and alteration of Earth's surface. In-depth concepts to be covered include population, political organization, agriculture and rural land use, industrialization and economic development, and cities and urban land use. Students in this course should expect to complete a rigorous mix of readings, reflections and exams.

SS350.1: AP U.S. History: 1 credit. Prerequisites: Western Civilizations 1 & 2 and instructor recommendation. AP United States History is designed to provide students with the analytical skills and enduring understandings necessary to deal critically with the problems and materials in United States history. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses.

SS400: Modern World History: 1 credit. Prerequisites: US History. This history/social science course examines the major turning points of the modern world from approximately 1450 to the present. Components of this class include: Historical Linkage, the French Revolution, the Industrial Revolution, the Rise of Imperialism and Colonialism, World War 1, Totalitarianism, World War 2 and Nationalism. Students should develop an understanding of the historic as well as the contemporary geographic, social, political and economic consequences of the various areas and problems they review.

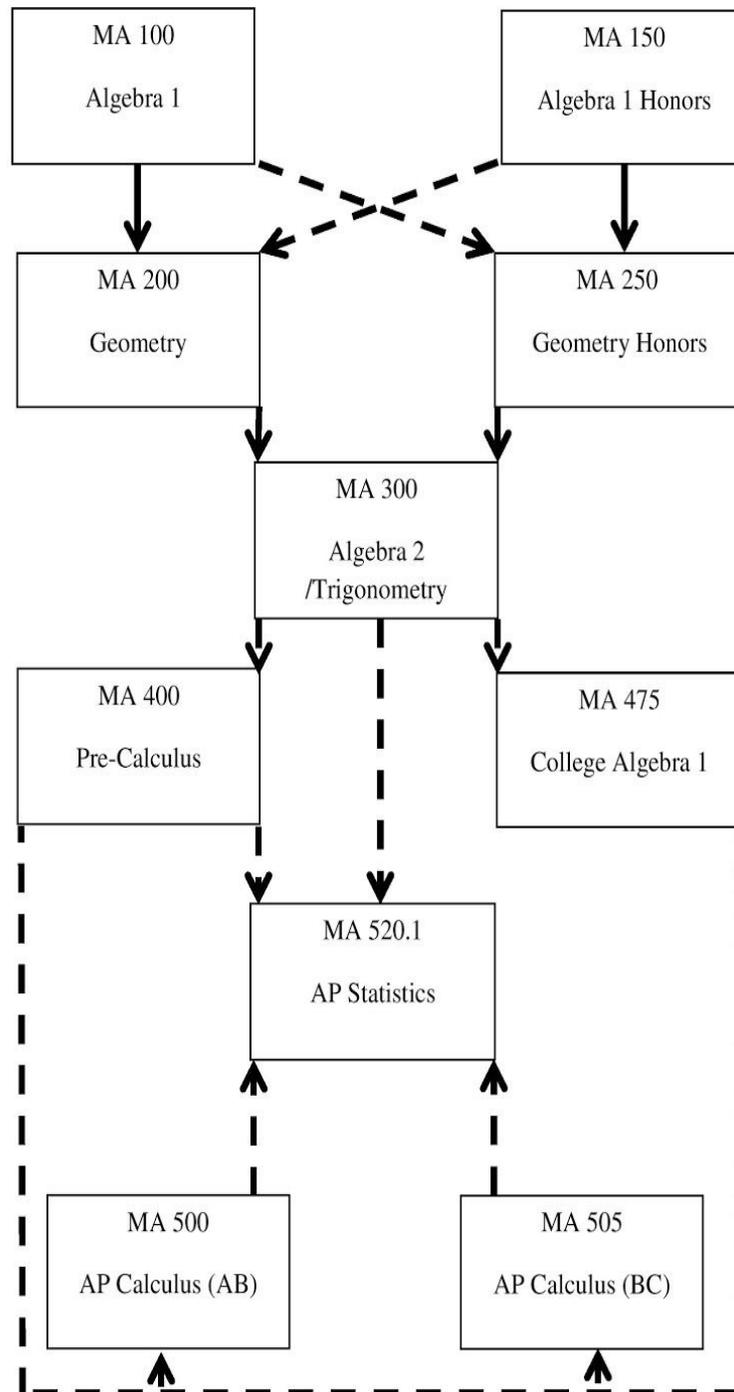
SS410: American Government: .5 credit. Prerequisites: None. This course is a critical study of the essential documents of governance and the thought of the founding fathers. Theories of democracy and human nature (Locke, Rousseau), Declaration of Independence, U.S. Constitution, the bicameral system and balance of power between branches, between federal and state governments and between government and the state. Source reading from the founding fathers.

SS500: World Religions: .5 credit. Prerequisites: Instructor recommendation. An intensive study of several of the world's major religions. By exploring primary sources students will gain an insight into similarities and striking differences in culture and belief systems from all corners of the globe. As students learn the histories of the various religions, they will begin to understand and question the nature and genesis of conflicts between religious groups in the modern world. Topics of study will include Judaism, Christianity, Islam, Hinduism, Sikhism, Buddhism, Taoism, Confucianism, as well as

other indigenous religions. This course may meet before, during, or after school.

SS520.1: AP European History: 1 credit. Prerequisites: US History. The course emphasizes historically significant events in European history from 1450 to the present. To allow for a multifaceted understanding of these events, students will explore the past from intellectual, cultural, political, diplomatic, social and economic viewpoints. In an effort to make historians out of you, the course will stress: the analysis and interpretation of primary sources, the analysis and assessment of historiography, and the development of cogent analytical and interpretive writing. The course will be conducted at the AP level by adhering to College Board standards and requirements.

High School Mathematics



MATHEMATICS

MA100: Algebra 1: 1 credit. Prerequisite: Pre-Algebra. Operations with integers, evaluating and manipulating expressions, order of operations, exponents and notation, scientific notation, properties and axioms of algebra, equation solving, introduction to quadratic functions and quadratic formula, factoring, polynomials, graphing, probability. Students wishing to take Algebra 2/Trig will require additional independent work.

MA150: Algebra 1 Honors: 1 credit. Prerequisite: Pre-Algebra and instructor recommendation. For students needing little to no review of multi-step equation solving and order of operations. Topics similar to Math 100; more emphasis on factoring, radicals and radical expressions, introduction of complex numbers and right angle trigonometry. More emphasis on symbols and their manipulation rather than numbers.

MA200: Geometry: 1 credit. Prerequisite: Algebra 1. Introduction to the study of Euclidean Geometry with a review of Algebra concepts (especially equation solving and quadratics). Properties and theorems pertaining to points, lines, rays, polygons, circles, planes; congruence, similarity, parallelism and perpendicularity. Calculation of surface areas, perimeter, volume of plane and solid figures. Extension of basic trigonometry, Pythagorean Theorem, Coordinate Geometry, Triangle Inequalities. Introduction to methods of proof and construction.

MA250: Geometry Honors: 1 credit. Prerequisite: Algebra 1 and instructor recommendation. All topics of Math 200 with greater emphasis on proof (deductive and inductive reasoning). Additional topics include coordinate transformations, cylinders and spheres and a discussion of their coordinate systems.

MA300: Algebra 2 / Trig: 1 credit. Prerequisite: Algebra 1 (S/H) and Geometry (S/H). Continuation and augmentation of topics from Algebra 1. Extensive development of factoring techniques, elements of linear algebra through Cramer's Rule; curve fitting to function families; rational and radical equations, exponentials, logarithms and natural logarithms. Additional topics chosen from among: linear programming, vectors, conic sections, sequences and series, probability

MA400: Pre-Calculus: 1 credit. Prerequisite: Algebra 2. Students completing this course should have excellent preparation for either AP Calculus the following year. Extensive work with function composition and inverses, graphical and algebraic analysis of maxima, minima, bounds, zeros, intercepts, asymptotes, boundary behavior. Transformations, matrix algebra, conic sections, vectors and applications, trig functions, parametric equations and polar coordinates.

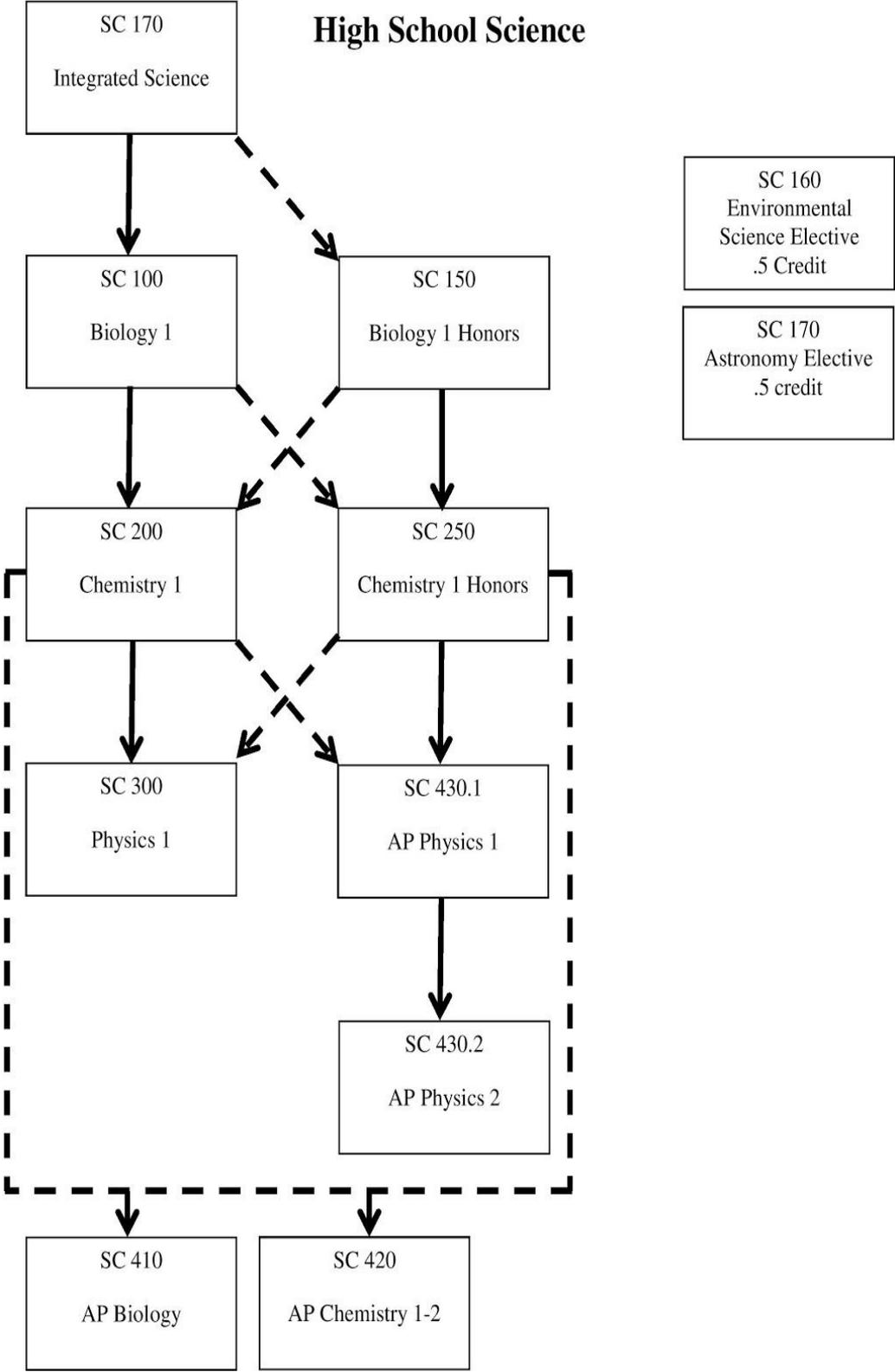
MA475: College Algebra: 1 credit. Prerequisite: Algebra 2. This course is designed for students who intend to take the calculus sequence in college. This is a traditional first year college algebra course that will cover all the material over the course of a year that is traditionally covered in one semester of college. Students will spend the first part of the course solidifying underlying areas/prerequisites, while spending the majority of the time after the winter holiday learning the primary topics necessary for successful completion of the class.

MA500: AP Calculus (AB): 1 credit. Prerequisite: Pre-Calculus. This course prepares students for the AP Calculus AB exam. The topics are as found in first semester college calculus: Notion, theory and computation of limits, functional analysis and basic integration. Some emphasis on theorems and their development.

MA505: AP Calculus (BC): 1 credit. Prerequisite: Pre-Calculus. This course prepares students for the AP Calculus BC exam by covering the topics not already covered in AP Calculus AB. The topics are as found in first semester college calculus: Notion, theory and computation of limits, functional analysis and basic integration. Students will learn calculus by actively becoming engaged with the lectures, readings, animations, activities, and resources in the textbook and written materials provided.

MA520.1: AP Statistics: 1 credit. Prerequisites: Algebra 2. The purpose of this course is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: Exploring Data: Describing patterns and departures from patterns. Sampling and Experimentation: Planning and conducting a study. Anticipating Patterns: Exploring random phenomena using probability and simulation. Statistical Inference: Estimating population parameters and testing hypotheses. Students who successfully complete the course and examination may receive credit and/or advanced placement for a one-semester introductory college statistics course. Students who successfully complete the course and AP examination with a score of 3 or better may receive credit and/or advanced placement for a one-semester introductory college statistics course. A graphing calculator is required. A TI 83 or TI 84 is highly recommended.

High School Science



SCIENCE

SC170: Integrated Science: 1 credit. Prerequisite: None. Integrated Science is a laboratory/lecture science course in which students study the dynamic systems of Earth and space. The topics include the composition and dynamics of the Earth, shaping of the Earth's surface, the Earth's weather and how it forms, oceans, stars, galaxies and planets. Students will demonstrate application of the District Content Standards through laboratory work and written assignments. Students will be introduced to the general concepts of Chemistry and Physics. 9th Grade students may begin in Integrated Science, Biology 1 or Biology 1 Honors.

SC100: Biology 1: 1 credit. Prerequisite: None. Introduction to biology, topics include molecular and cellular structure and function. Cell organization and processes (fermentation, respiration, photosynthesis), heredity and evolution, genetics and evolution. Phylogenetic classification of plants and animals, reproduction, growth and development; environmental adaptation and specialization (structural, physiological, behavioral); ecology, populations, communities, ecosystems. Laboratories will illustrate key biological concepts with a focus on safety and good lab procedure, documentation and reporting. 9th Grade students may begin in Integrated Science, Biology 1 or Biology 1 Honors.

SC150: Biology 1 Honors: 1 credit. Prerequisite: None. Topics covered are the same as in Biology 1, but with greater rigor and depth. 9th Grade students may begin in Integrated Science, Biology 1 or Biology 1 Honors.

SC160: Environmental Science:(elective) .5 credit. Prerequisites: 10th-12th grades; Biology. This course provides a general survey of the field of environmental science, covering topics such as ecology, population biology, meteorology, water and air pollution and its' effect on ecosystems and living populations, renewable and nonrenewable energy use, and global climate change. This course may meet before, during, or after school.

SC170: Astronomy: (elective) .5 credit. Prerequisite: None. A conceptual introduction to astronomy. Topics include: constellations and other celestial objects visible with the unaided eye, use of telescopes, the history of western astronomy to 1930, the Solar System, stars, galaxies, the universe, and cosmology. Students will be encouraged to participate in actual telescope observing sessions. This course may meet before, during, or after school.

SC200: Chemistry 1: 1 credit. Prerequisite: Biology and Algebra 1. This introductory chemistry course will explore the structure of matter, chemical and physical change and processes construct and utilize chemical equations, stoichiometry, periodic behavior of the elements and the construction of the Periodic Table, prediction of chemical and physical properties, acids, bases, thermodynamics and the rudiments of organic chemistry. Laboratories will illustrate key chemical concepts with a focus on safety and good lab procedure, documentation and reporting.

SC250: Chemistry 1 Honors: 1 credit. Prerequisite: Biology and Algebra 1 and instructor recommendation. Topics covered are essentially the same as Chemistry 1, but with a greater emphasis on models, process and calculation. Additional topics from chemistry and biochemistry as time permits. Laboratories will illustrate key chemical concepts with a focus on safety and good lab procedure, documentation and reporting. Laboratories will illustrate key chemical concepts with a focus on safety and good lab procedure, documentation and reporting.

SC300: Physics 1: 1 credit. Prerequisite: Chemistry 1 and Geometry. Physics is the study of matter, motion and energy. Topics will include Newtonian mechanics, temperature, heat, thermodynamics and kinetics, electricity, magnetism, waves, optics, atomic and nuclear physics. Additionally, the course will incorporate discussion of physics principles at work in daily life: microwaves, radio, television, airplanes; they all use physics! Laboratories will illustrate key physics concepts with a focus on safety and good lab procedure, documentation and reporting.

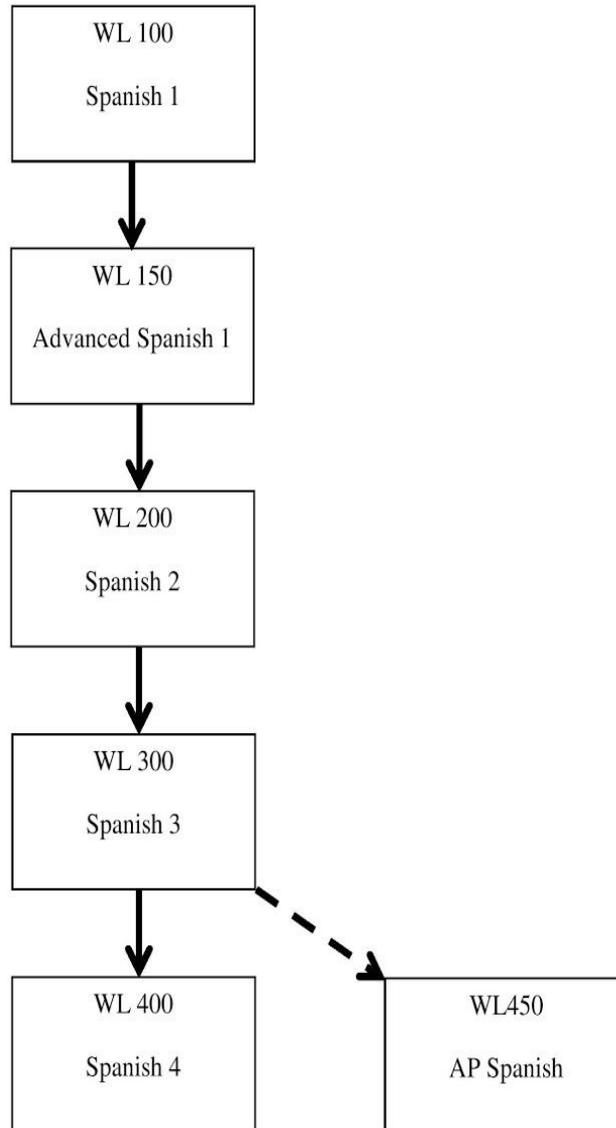
SC410: AP Biology: 1 credit. Prerequisite: Chemistry 1 and instructor recommendation. Equivalent to a two semester introductory college biology course. Topics include organismal biology, organisms and populations. Molecules, cells and biochemical pathways, heredity and evolution. Major organizing schema of energy transference, continuity, change and adaptation; relation of structure to function and systems regulation will be discussed and reinforced. Laboratories will illustrate key biological concepts with a focus on safety and good lab procedure, documentation and reporting. Students are expected to complete the AP exam.

SC420: AP Chemistry 1-2: 1 credit. Prerequisites: Chemistry 1. Chemistry is equivalent to a college level general chemistry course that provides rigorous study in four major areas: structure of matter, states of matter, reaction and descriptive chemistry. Students must be highly motivated to tackle this rigorous course. At the end of the year, students are expected to take the Advanced Placement Examination for college credit. Students taking this course may be required to complete laboratory work outside of the regular class time. The student will demonstrate a basic understanding of, and the ability to apply, mathematical solutions to problems involving atomic theory and structures, chemical bonding, nuclear chemistry, kinetic theory, solutions, reaction types, stoichiometry, equilibrium, kinetic, thermodynamics, and descriptive chemistry. Evaluation is based on homework, lab reports and tests. Much of the class is “out of class homework” and in class “lab” based work.

SC430.1: AP Physics 1: 1 credit. Prerequisites: Physics 1 (S/H), Pre-calculus (concurrent), and instructor recommendation. This is a one year course, and is the equivalent to a first-semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; and mechanical waves and sound. It will also introduce electric circuits. This course is similar to Physics 1, but with greater emphasis on laboratory investigations and mathematically rigorous problem solving. Laboratories will investigate key physics concepts with a focus on safety and good lab procedure, documentation and reporting. Students are expected to complete the AP exam.

SC430.2: AP Physics 2: 1 credit. Prerequisites: AP Physics 1 (S/H), Pre-calculus, and instructor recommendation. This is a one year course, and is the equivalent to a second-semester college course in algebra-based physics. The course covers fluid mechanics; thermodynamics; electricity and magnetism; optics; and atomic and nuclear physics. Laboratories will investigate key physics concepts with a focus on safety and good lab procedure, documentation and reporting. Students are expected to complete the AP exam.

High School World Language



WORLD LANGUAGES

WL100: Spanish 1: 1 credit. Prerequisites: None. An introductory course that covers the fundamental skills which will incorporate grammatical structures and vocabulary through oral, listening, writing and reading activities. Students will demonstrate an understanding of the relationship between the practices, products and perspectives of the cultures studied. Students will be able to participate in basic conversations on a variety of familiar topics with an emphasis on their daily life. Students will be expected to use the target language to the maximum extent possible in order to communicate effectively using customary courtesies and conventions.

WL150: Advanced Spanish 1: 1 credit. Prerequisites: T.P.C.A.'s Middle School Spanish A and B or placement exam. An advanced introductory course designed for students with a basic foundation of Spanish. The rigorous curriculum will expand their knowledge of grammatical structures to incorporate the past tense and vocabulary through oral, listening, writing and reading activities. Students will interpret and investigate the relationship between the practices, products and perspectives of the cultures studied. Students will be expected to utilize the Spanish language in greater detail with rising expectations for performance.

WL200: Spanish 2: 1 credit. Prerequisites: Spanish 1 or placement exam. A course that builds upon skills developed in Spanish 1. Students will focus primarily on the past tense (imperfect and preterite) and more complex grammatical structures. Students will develop a connection between the cultures studied and the Spanish language, therefore increasing their ability to utilize the language for informative or social purposes. Throughout the course, students will be expected to hold general conversations, speak in a comprehensible fashion and understand what he/she hears.

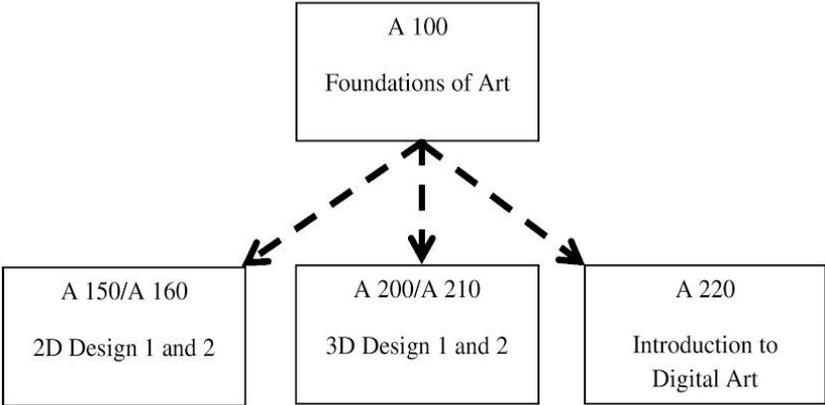
WL300: Spanish 3: 1 credit. Prerequisites: Spanish 200 or placement exam. This course is the third course needed to fulfill the TPCA foreign language graduation requirement. A culminating course that utilizes the skills developed in Spanish 1 and 2. An emphasis on oral communication in which students are expected to interact while utilizing more in-depth vocabulary and complex concepts will occur throughout the year. Composition work increases in frequency and length with a focus on grammatical accuracy. Present perfect, past perfect, preterit, imperfect, future and conditional verb tenses are reintroduced and frequently reviewed.

WL400: Spanish 4: 1 credit. Prerequisites: Spanish 300 or placement exam. This course is an opportunity for students to refine their skills in listening, reading, writing and speaking. There is a focus on oral communication through authentic conversations utilizing complex grammar structures and vocabulary. Aspects of contemporary Hispanic culture are emphasized through cultural readings, media, games, and class discussions. Students will interpret Spanish literature and communicate effectively about its content. All verb tenses introduced in Spanish 1-4 will be utilized to enhance classroom discussions. Topics for composition work will be more in-depth with a concentration on format, grammatical accuracy and vocabulary usage.

WL450: AP Spanish: 1 credit. Prerequisites: Spanish 300 or placement exam.. Advanced Placement Spanish is a rigorous course taught exclusively in Spanish that requires students to improve language proficiency across the three modes of communication: Interpretive, Interpersonal, and Presentational. Classes will offer speaking practice, require translating written work utilizing rich language in which the students should be continually integrating idioms, and newly acquired lexical items with previously learned material. Students will be required to produce a project on a famous Spanish artist, musician, or author, present it, and analyze several of his/her works. Students will use literary analysis interpretation for comparing the novels and the other authentic works they will read. A thorough juxtaposition of cultural products, practices, and perspectives on a plethora of Spanish speaking countries will be incorporated. Oral, written, and auditory quizzes and tests will be administered in Spanish. The amalgamation of this diverse body of academic work will prepare students for success on the AP exam.

High School Fine Arts

Art



FINE ARTS ART

A100: Foundations of Art: Drawing, Designing and Painting: .5 credit. Prerequisite: None. Introduction to artistic expression through the study of pictorial composition, proportion, space, shape and color. Exploration of materials relevant to artistic creation. Appreciation of artistic design and qualities through study of select masterworks.

A150 & A160: 2-D Design 1 & 2: each earn .5 credit. Prerequisite: Foundations of Art. Design 1 is a continued study of the principles introduced in Art Foundations. It includes a study of traditional and contemporary ways of drawing and painting as well as an analysis of color theory and pictorial space. Historical and modern critical opinions and their relation to problems in the theory of art are considered. Design 2 will expand upon concepts taught in Design 1. Students will be expected to execute self-initiated projects.

A200 & A210: 3-D Design 1 & 2: each earn .5 credit. Prerequisite: Foundations of Art or 2D Design. 3 D Design 1 is a continued study of the principles introduced in Art Foundations. Historical and contemporary sculpture and artists will be examined. Basic ceramic handbuilding and wheel throwing techniques will be explored. 3D Design 2 is an expansion of study from 3 D Design 1. Techniques will be further explored and perfected. Students will be expected to execute self-initiated projects. This course may meet before, during, or after school.

A220: Introduction to Digital Art: .5 credit. Prerequisite: Foundations of Art. Students will develop digital photography skills and explore the use of various programs including Adobe Photoshop, Adobe Image Ready and Flash. Students will learn about the use of digital color, layers, text, backgrounds and graphics file creation and management. This course may meet before, during, or after school.

High School Fine Arts

Theater

TH 150

Theater: Acting

TH 120

Advanced Theater

THEATER

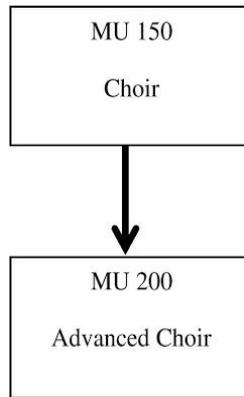
TH150: Theater: Acting: .5 credit. Prerequisites: None. This foundational class is designed for students with little or no theater experience, promotes enjoyment and appreciation for all aspects of theater. We will focus on the exploration of theater literature, performance, historical and cultural connections, and technical requirements. Improvisation, creative dramatics, and beginning scene work are used to introduce students to acting and character development. Incorporation of other art forms in theater also helps students gain appreciation for other art forms, such as music, dance, and visual art. This course provides opportunities for students to develop skills in critical listening and thinking, as well as stage presence, ensemble work, and aesthetic awareness culminating in periodic classroom and/or public performances.

TH120: Advanced Theater: .5 credit. Prerequisites: None. This course is designed for the serious theater student. Students will learn to develop a personal style of acting, ensemble building skills, and understanding of the production process, and how dramatic literature is a reflection of the human experience. There will be a heavy influence of Shakespearean literature. Students will learn appropriate stage/acting techniques to assist with current TPCA productions. This course may meet before, during, or after school.

TH175: Stagecraft: .5 credit. Prerequisites: None. This course is an overview of technical theatre and includes an exploration of lighting, sound, set construction, scenic artistry, make-up and theatre management. Students will learn the appropriate stage techniques to assist with stage productions. Students will also learn theater vocabulary, culture, and etiquette, and about the structure and organization of working theaters and arts facilities.

High School Fine Arts

Music



MUSIC

MU150: Choir: .5 credit. Prerequisites: None. Choir provides students the opportunity to learn about music history, theory, appreciation, expression, and performance, as well as experiment with many other elements of music through participation in a large-group vocal ensemble. Choir students will study and perform a variety of choral repertoire including sacred, secular, folk songs, show tunes, and popular music. The choir will perform in concerts throughout the school year.

MU200: Advanced Choir: 1 credit. Prerequisites: Prior choral experience and/or instructor recommendation. Advanced Choir will study and perform a variety of choral repertoire including sacred, secular, folk and show tunes. The Advanced Choir will do in depth development of music reading, notating, and listening skills. This ensemble will perform in concerts, festivals, competitions, and other special events throughout the school year. This course may meet before, during, or after school.

High School Fine Arts

Band

MU 161

Symphonic Band

MU 180

Jazz Band

BAND

MU161: Symphonic Band: 1 credit. Prerequisites: Instructor recommendation.

Symphonic Band will study and perform a variety of instrumental pieces from various periods and styles. Primary goals are the development of music reading, notating and performing in a small group. Symphonic Band may combine with the Timberwolf Band to perform at Pep rallies and other school related events.

MU180: Jazz Band: 1 credit. Prerequisites: Instructor recommendation. Jazz Band is an extension of the larger ensemble experience, and thus requires students to be enrolled in a primary performing ensemble (i.e. Symphonic Band, Chamber Ensemble, and Choir). Students perform at two home concerts per year in Dec. and May, in addition to attending jazz festivals. Students should audition in Aug. with the director on any of the traditional big band instruments (saxophone, trumpet, trombone, guitar, bass, drums, piano). Flute, clarinet, euphonium and tuba players must consult with the director before auditioning. Through listening to recordings, analysis, critique, discussion, and application, students will learn a variety of jazz styles. Students will explore the history and evolution of jazz since its beginnings over 100 years ago in New Orleans. They will explore various styles that emerged over that time span, including Dixieland, Swing, Bop, Fusion, Latin, and more. Furthermore, they will learn to associate specific musicians with their distinct performance styles. Jazz Band is a commitment that requires its members to attend all rehearsals, sectionals, and performances. This course may meet before, during, or after school.

High School Physical Education

PE 100

Noncompetitive
Physical Education

PE 110

Strength and
Conditioning

Health

H 100

Health and Wellness

PHYSICAL EDUCATION

PE100: Noncompetitive Physical Education: .5 credit. Prerequisites: None. Class consists of a variety of sports and games and a fitness component. Course emphasis is on skills development, healthy living and fun. Examples of activities may include Frisbee, rock-climbing, jogging/running, weightlifting and resistance training, tennis and so forth.

PE110: Strength and Conditioning: .5 credit. Prerequisites: None. Students will learn about strength and conditioning as it relates to their body, and will use strength training, cardiovascular activities, flexibility as well as plyometric exercises to improve overall physical fitness. Contemporary training methods will be used and the science behind the methods will be discussed as well. This course may meet before, during, or after school.

HEALTH

H100: Health and Wellness: 5. credit. Prerequisites: None. Students will acquire the knowledge and skills to recognize healthy lifestyle choices. Important topics to include nutrition, exercise, stress and stress management, drug and alcohol abuse and awareness, personal safety, limit setting and human sexuality.

High School Technology

TE 100

Information
Technologies

TE 200

Advanced Info Tech:
Intro to Computers
and Robotics

TECHNOLOGY

TE100: Information Technologies: .5 credit. Prerequisites: None. General computer and information technology concepts. Computer architecture, Internet research, software application programming, and cloud based technology exploration.

TE200: Advanced Information Technologies: Intro to Computers and Robotics: .5 credit. Prerequisites: None. Students receive a solid grounding in the fundamentals of computer science, including computer architecture, programming, and robotics. Topics include basic computer architecture, the Internet and computer networks, algorithm design, data structures, and basic robotics control.

High School General Electives

MA 090

Pre-Algebra

MS 100

Student Aide

MS 150

Study Hall

MS 200

Publishing

MS 300

College and Life

GENERAL ELECTIVES

MA090: Pre-Algebra: 1 credit (elective). Prerequisite: None. This course is designed to fill any gaps in student's mathematical background and prepare them for further math courses. Topics shall include order of operations, variables, equations and inequalities of a single variable, absolute value, rules of exponents, basic probability and statistics, scientific notation, linear functions, basic geometry and polynomials. Additionally arithmetic facts, fractions, decimals and percents may be covered as needed. This course will not count towards a student's math credits for graduation.

MS100: Student Aide: This program is designed for students who wish to gain experience in assisting in the main office or for specific instructors with clerical tasks, tutorial tasks, and other tasks as needed. By joining students utilize organization skills and management skills. Students may also need to partake in aiding in an active learning environment (i.e. interacting with younger students), or participate in technical duties.

MS150: Study Hall: Study Halls are supervised, quiet study times typically offered on block days. Study Hall students are expected to use this time productively to study and do homework. It is intended to meet the needs of students who seek a quiet environment in which to complete assignments. Students are expected to arrive in class with work to complete, a book to read, or some other appropriate individual or group activity to do, depending on the instructor.

MS200: Publishing: .5 credit. Prerequisites: Instructor recommendation. Students who have visual and verbal creativity, sound writing skills, and a desire to serve on the yearbook staff are encouraged to apply. All staff members must have a verifiable history of being responsible, organized, and able to solve problems creatively. The class is designed for independent, self-motivated students who are organized and able to complete assignments by specific deadlines. Students in this course work cooperatively to produce a yearbook that meets high standards. Students are assigned a section of the yearbook and are also involved in design, production, funding, and distribution. Students are expected to work in a manner that contributes to the completion of the group's assigned tasks according to deadlines and standards of excellence.

MS300: College and Life: This course is designed for students who want to develop necessary skills necessary for their experiences outside of high school. Learning experiences include opportunities in clarifying values and goals, career exploration, personal finances and money management, consumer skills, housing and living environments, and making wise life and wellness decisions. All topics apply to practical,

everyday life skills.