

2024-2025



# COURSE OFFERINGS CATALOG

Shadle Park High School



## HOME OF THE HIGHLANDERS



## **TABLE OF CONTENTS**

Graduation Requirements Overview.....	3
Core Course Offerings: Grade Level Overview.....	4
English Course Descriptions.....	5
Math Course Progression Flowchart.....	7
Math Course Descriptions.....	8
Science Course Progression Flowchart.....	10
Science Course Descriptions.....	11
Social Studies Course Descriptions.....	14
Arts and Humanities Pathway Electives.....	16
CTE Pathway Aligned Elective Offerings.....	19
Health and Fitness Electives.....	25
World Language Electives.....	26
Special Programs.....	29
✓ AVID Electives	✓ Credit Recovery Courses
✓ Academic Support Electives	✓ Worksite Learning
✓ Special Education Courses	✓ ELD English Courses
Quick Guide to Course and Elective Offerings.....	31

# GRADUATION REQUIREMENTS OVERVIEW

Credit Requirements	High School Graduation Requirements <i>***Class of 2021 and Beyond***</i>	State of Washington College Admission Requirements <i>(4-year university based on CADRs)</i>	NCAA Athletic Eligibility <i>(Division I and Division II)</i>
Subject Area	Credits	Credits	Credits
English	4	4	4
Math	3 <i>(Algebra I, Geometry, and Year 3 math)</i>	4 <i>(Algebra I, Geometry, and Algebra 2+)</i> <i>***4-year universities expect students to successfully complete Pre-Calculus or take a math course during the senior year***</i>	3 <i>(Algebra I, Geometry, and Year 3 math)</i>
Science	3 <i>(2 must be lab sciences)</i>	2 <i>(both must be lab sciences and one must be an algebra-based science)</i>	2 <i>(1 must be a lab science)</i>
Social Studies	3	3	2
World Languages <i>(***or Pathway Aligned Elective)</i>	2 <i>(Students who have post-secondary goals other than attending college may select 2 Pathway Aligned Elective credits as opposed to World Language credits.)</i>	2+ <i>(must be consecutive years of the same language)</i>	<b>Additional Core Courses:</b> 5 <i>Including 1 additional English, Math, or Science course. The other 4 courses can include any of the above content areas, World Language, or Philosophy.</i>  <b>***In order to be academically eligible to play Division I athletics, student-athletes must hold a minimum of a 2.3 GPA in their core academic classes. For eligibility at the Division II level, student athletes must hold a minimum of a 2.2 GPA in their core academic classes***</b>
Visual and Performing Arts	1	1	
Health and Fitness	2 <i>(1.5 Fitness, 0.5 Health)</i>		
Career and Technical Education	1		
Electives	5		
<b>TOTALS</b>	<b>24</b>		

**NOTES:**

Aligned Electives may include Career and Technical Education courses and are intended to provide a focus for the student’s learning.

- More information about **High School Graduation Requirements** can be found at <https://www.k12.wa.us/student-success/graduation/graduation-requirements> at <https://weba.spokaneschools.org/PolPro/View.aspx?id=526>, or at <http://www.sbe.wa.gov/our-work/graduation-requirements#.Unf6ZGeAoI9>.
- More information about **NCAA Eligibility Requirements** can be found at <http://www.ncaa.org/student-athletes/future/educational-resources>.

**SHADLE PARK HS CORE COURSE OFFERINGS – GRADE LEVEL OVERVIEW**

<b>ENGLISH</b>		<b>SOCIAL STUDIES</b>	
<b><u>Grade 9</u></b>		<b><u>Grade 9: OPTIONAL CORE COURSE</u></b>	
<input type="checkbox"/> English 9 <input type="checkbox"/> Honors English 9		<input type="checkbox"/> AP Human Geography	
<b><u>Grade 10</u></b>		<b><u>Grade 10</u></b>	
<input type="checkbox"/> English 10 <input type="checkbox"/> Honors English 10		<input type="checkbox"/> World History <input type="checkbox"/> AP World History	
<b><u>Grade 11</u></b>		<b><u>Grade 11</u></b>	
<input type="checkbox"/> English 11 <input type="checkbox"/> African American Literature (CiHS) <input type="checkbox"/> Native American Literature (CiHS) <input type="checkbox"/> AP Language and Composition (CiHS) <input type="checkbox"/> Creative Writing <input type="checkbox"/> Mythology		<input type="checkbox"/> US History <input type="checkbox"/> US History Perspectives (CiHS) <input type="checkbox"/> AP US History	
<b><u>Grade 12</u></b>		<b><u>Grade 12</u></b>	
<input type="checkbox"/> Bridge to College English <input type="checkbox"/> African American Literature (CiHS) <input type="checkbox"/> Native American Literature (CiHS) <input type="checkbox"/> AP Literature and Composition <input type="checkbox"/> Creative Writing <input type="checkbox"/> Mythology		<input type="checkbox"/> Civics/CWA <input type="checkbox"/> AP US Government and Politics/AP Comparative Government and Politics	
<b>SCIENCE</b>		<b>MATHEMATICS</b>	
<b><u>Grade 9</u></b>		<b><i>If your current class is...</i></b>	
<input type="checkbox"/> Biology <input type="checkbox"/> PLTW Year 1- Principles of Biomedical Science	<input type="checkbox"/> Biology MESA	<b><i>Your options are...</i></b>	
<b><u>Grade 10</u></b>		Algebra ----- Geometry (H) ----- Intermediate Math ----- Algebra 2 ----- Algebra 2 Honors ----- Pre-Calculus ----- Pre-Calculus Honors ----- Statistics ----- AP Statistics ----- AP Calculus AB	<input type="checkbox"/> Geometry <input type="checkbox"/> Algebra <input type="checkbox"/> Intermediate Math Algebra 2/Algebra 2 H ----- <input type="checkbox"/> Algebra 2 <input type="checkbox"/> AP Statistics <input type="checkbox"/> Pre-Calc/Honors Pre-Calc <input type="checkbox"/> Bridge to College Math **seniors only** <input type="checkbox"/> Math 107 ----- <input type="checkbox"/> Pre-Calc/Honors Pre-Calc <input type="checkbox"/> AP Statistics ----- <input type="checkbox"/> AP Calculus AB <input type="checkbox"/> AP Calculus BC <input type="checkbox"/> AP Statistics ----- <input type="checkbox"/> AP Calculus BC <input type="checkbox"/> AP Calculus AB <input type="checkbox"/> AP Statistics ----- <input type="checkbox"/> AP Calculus AB <input type="checkbox"/> AP Calculus BC <input type="checkbox"/> AP Statistics
<input type="checkbox"/> Chemistry <input type="checkbox"/> AP Chemistry <input type="checkbox"/> Physics <input type="checkbox"/> PLTW- Year 2- Human Body Systems	<input type="checkbox"/> Chemistry MESA <input type="checkbox"/> Biology/AP Biology	<b>NOTE:</b> <i>If a student plans to take Calculus it is recommended to enroll in that course immediately following completion of Pre-Calculus</i>	
<b><u>Grade 11 &amp; 12</u></b>		AP Calculus AB ----- AP Calculus BC ----- AP Statistics	
<input type="checkbox"/> Chemistry <input type="checkbox"/> Physics <input type="checkbox"/> Anatomy and Physiology	<input type="checkbox"/> AP Physics 1 <input type="checkbox"/> AP Chemistry <input type="checkbox"/> AP Biology <input type="checkbox"/> AP Environmental Sci <input type="checkbox"/> PLTW- Year 3- Medical Interventions <input type="checkbox"/> PLTW- Year 4- Biomedical Innovation		

**English 9****#1201**

Students analyze key details and pivotal words and phrases in texts as well as identify and craft compelling evidence through their year-long study of poetry, short stories, novels, and non-fiction. Students will write arguments, narratives, and analytical essays both in timed and untimed formats to develop a wide range of skills. Heavy emphasis is put on analysis work and students will engage in regular independent reading.

- ✓ Grade: 9
- ✓ Duration: 2 semesters

**English 9 Honors****#1251**

The focus of this course is to offer students an extension of the core curriculum of English 9. Students will benefit from enrichment activities and assignments throughout the course as they further their critical thinking, reading and writing skills in more depth and with increasing levels of independence. The completion of this course prepares students to take Advanced Placement classes later in high school where they can earn college credit while in high school.

- ✓ Grade: 9
- ✓ Duration: 2 semesters

**English 10****#1203**

Through a study of argumentative texts, students develop the ability to identify how authors attempt to persuade their audiences—and how they can use those same techniques to strengthen their own persuasive writing. Students will continue to explore the power of argument as they move into reading literature; students consider how a work can reflect a cultural perspective, as well as the value of making connections between works from those varied cultural perspectives. These skills are extended as students are challenged to synthesize a wide range of views from a variety of sources and find their own voice among the crowd. Throughout the course students will have the opportunity to explore drama and poetry as they continually consider the various ways writers express their voices.

- ✓ Grade: 10
- ✓ Duration: 2 semesters

**English 10 Honors****#1253**

The focus of this course is to offer students an extension of the core curriculum of English 10. Students will benefit from enrichment activities and assignments throughout the course as they further their critical thinking, reading and writing skills in more depth and with increasing levels of independence. The completion of this course prepares students to take Advanced Placement classes their junior and senior year where they can earn college credit while in high school.

- ✓ Grade: 10
- ✓ Duration: 2 semesters

**English 11****#1205**

Students in this course will continue their skill-building through a study of the American Dream and the role of social commentary in literature. Their work will include a study of rhetoric and address the role of the media in shaping perspectives. Students will practice close reading of texts in a variety of genres as they develop their critical thinking skills and present their voices in a variety of ways.

- ✓ Grade: 11
- ✓ Duration: 2 semesters

**African American Literature (College in the High School course)****\*\*\*opportunity to earn college credit\*\*\*****#8154**

African American history is American history and is reflected in our literature. In this course we will tackle complex issues as we read literature written by African Americans from the transatlantic slave trade to present day and apply those readings to wider contexts encompassing cultural, historical and political issues and explore topics that still resonate in the African American community. This course may be offered as a College in High School course, allowing students who elect to do so and who meet the requirements to earn both high school credit and credit through Eastern Washington University, with the course grade then on their college transcript as well.

- ✓ Grade: 11 or 12
- ✓ Duration: 2 semesters

**Native American Literature** (College in the High School course) **\*\*\*opportunity to earn college credit\*\*\*** #1219

This year-long English elective is an exciting opportunity to learn about Native American history, literature, culture, and language as well as its influence on Western society. The course is designed to introduce critical issues and questions that influence literary imagination of both past and contemporary Native American writers and scholars such as colonization, stereotypes, historical context, and issues of justice. The class provides a safe environment to grapple with challenging topics and questions about our past and present as well as how it influences our identity as a society. We will explore poetry, fiction, orations and critical essays by Native people in order to examine how these authors use their work to make political statements, address/redress historical subjects, and represent their Native communities. This course may be offered as a College in High School course, allowing students who elect to do so and who meet the requirements to earn both high school credit and credit through Eastern Washington University, with the course grade then on their college transcript as well.

- ✓ Grade: 11 or 12
- ✓ Duration: 2 semesters

**Creative Writing** #1272

*Creative writers fall in love with writing while developing a learning community that continuously supports each student's craft. Close study of published writers adds to the student's repertoire of reading and writing skills that strengthens their overall performance in all classes. This exploratory class enables students to develop their original ideas into narrative poetry, enhanced short stories with contrived coincidences, scenes and monologues for the stage, escape rooms puzzles, analytical essays, narrative college admission essays, and thematic anthologies for example. Students learn to pitch their authentic ideas to a potential publisher. The culmination of the course is a complete self-published collection of his/her writing for the year.*

- ✓ Grade: 11 or 12
- ✓ Duration: 2 semesters

**Mythology** #1274

In this class students explore myths from various cultures around the world, including, but not limited to the classical mythology from Greece and Rome. Students examine portrayals of creation, gods/ goddesses, heroes and monsters while continuing to expand their use and understanding of reading, writing, and MLA research skills. Students will benefit by becoming literate in mythological allusions, archetypes and inferences in the ancient and modern world. Students practice the course of civil discourse during our Socratic discussions of different belief systems and their purpose to cultural development. Because the study of mythology offers a link between the culture of the mythmaker and our present culture, students are constantly being asked to understand not only what but why, to build content but also to make connections and draw conclusions about the function of myth in ancient times and the function of myth in our modern world. With a curriculum built to address the Common Core State Standards, this course develops the opportunities to challenge the thinking skills and offer the learning experiences students need beyond high school.

- Grade: 11 or 12
- ✓ Duration: 2 semesters

**AP English Language and Composition** (College in the High School course) **\*opportunity to earn college credit\*** #1255

This course, comparable to an introductory composition course all students take in college, will engage students in becoming skilled readers of primarily prose written in a variety of periods, disciplines, and rhetorical contexts and in becoming skilled writers who compose for a variety of purposes. Both their writing and reading will make students aware of the interactions among a writer's purposes, audience expectations, and subjects as well as the way generic conventions and the resources of language contribute to effectiveness in writing. Students may elect, in the spring, to take the College Board Advanced Placement Exam in Language and Composition.

- ✓ Grade: 11
- ✓ Duration: 2 semesters

**AP English Literature and Comp** **\*\*\*opportunity to earn college credit\*\*\*** #1257

This course, comparable to an introductory college literature course, teaches careful reading and critical analysis of imaginative literature from various cultures and time periods. Composition assignments include paragraphs, timed essays, formal essays (personal, expository, and argumentative), and a literary analysis research paper. Students may elect, in the spring, to take the College Board Advanced Placement Exam in Literature and Composition to earn college credit for their work in the .

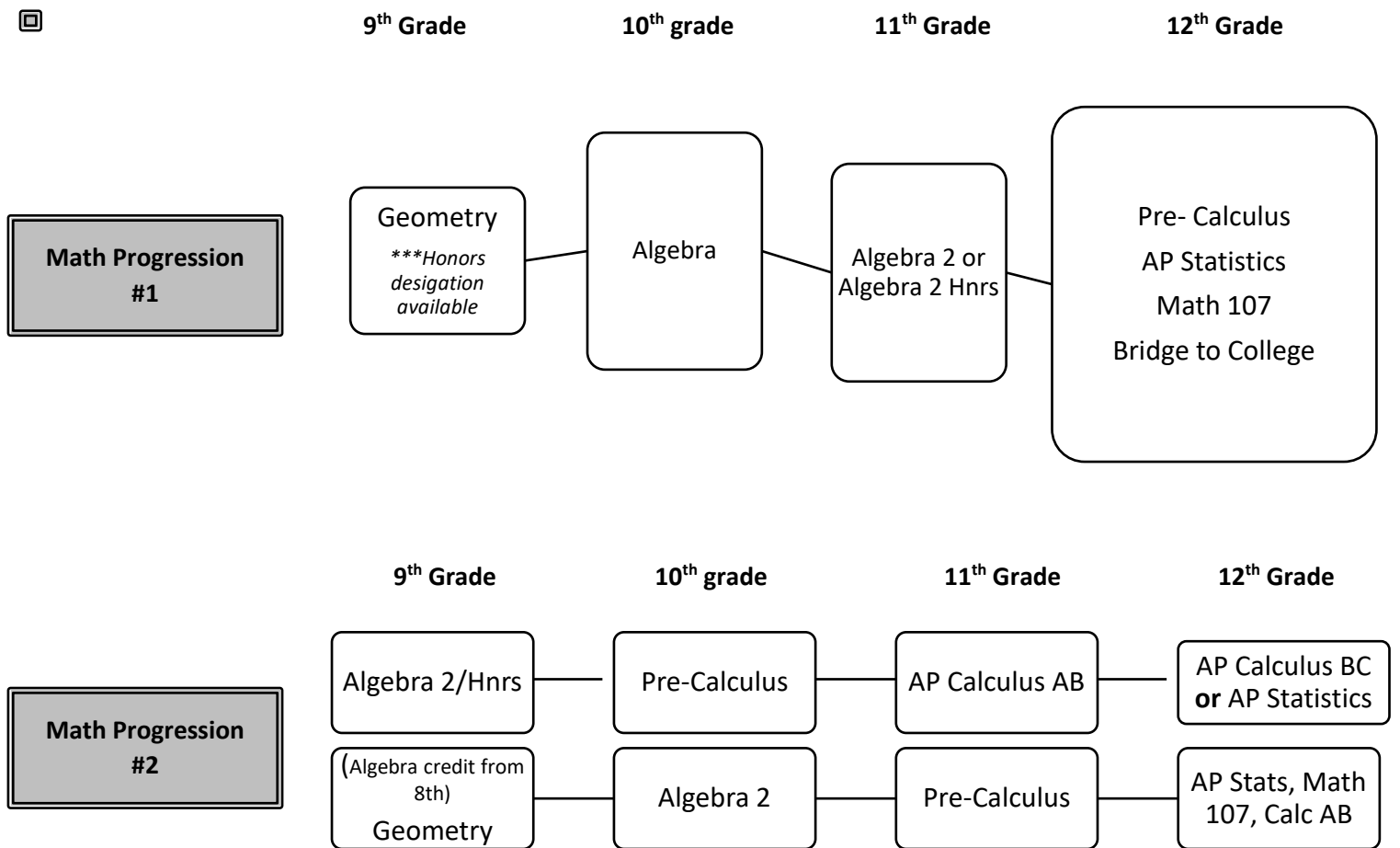
- ✓ Grade: 12
- ✓ Duration: 2 semesters

This course focuses on the English Language Arts key readiness standards from Washington State’s K-12 Learning Standards for English Language Arts (the Common Core State Standards, CCSS-ELA). The course is designed to prepare students for entrance into post-secondary credit-bearing courses. The course addresses lessons in critical reading, academic writing, speaking and listening, research and inquiry, and language use.

- ✓ Grade: 12
- ✓ Duration: 2 semesters



**SHADLE PARK HS MATHEMATICS PROGRESSIONS FLOWCHART**



**NOTE:** The above progressions are typical options for SPHS students. Adjustments to each progression can be made based on the recommendation and collaboration with a student’s teacher and counselor.



## SHADLE PARK HS COURSE DESCRIPTIONS: MATHEMATICS OFFERINGS

### **Geometry \*\*\*honors designation available\*\*\***

**#3306**

Students will explore the basic concepts and methods of Euclidean Geometry while deepening their understanding about plane and solid geometry. Course topics include reasoning and proof, line and angle relationships, two and three dimensional figures, coordinate plane geometry, geometric transformations, surface area and volume. Core processes include reasoning, problem solving and communication.

- ✓ Pre-Requisites: none
- ✓ Duration: 2 semesters

### **Algebra 1**

**#3303**

Algebra will weave together a variety of concepts, procedures and processes in mathematics. Students will develop the ability to explore and solve mathematical problems, think critically, work cooperatively with others and communicate their ideas clearly as they work through these mathematical concepts and algebraic procedures. Topics for this course include a study of linear, quadratic and exponential functions as well as statistics. Use of the graphing calculator is an integral part of this course.

- ✓ Pre-Requisites: none
- ✓ Duration: 2 semesters

### **Intermediate Math (*\*not NCAA approved- do not take if you plan on being an NCAA Division I or Division II athlete*)**

**#3331**

This course is an option for students following either Algebra 1 or Geometry that will allow for further development of concepts, procedures and processes established through the previous courses. This course is designed to help solidify student's mathematical understanding in preparation for Algebra 2.

- ✓ Pre-Requisites: Algebra 1 A-B or Geometry A-B (*\*Recommended*)
- ✓ Duration: 2 semesters

### **Algebra 2**

**#3352**

Building on their work with linear, quadratic, and exponential functions, students extend their repertoire of functions to include polynomial, rational, and radical functions. Students work closely with the expressions that define the functions, and continue to model situations and to solve equations, including solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms. The practice standards; problems solving, communication and connections apply throughout this course. Through the content and practice standards, students will experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations. Use of the graphing calculator is an integral part of this course.

- ✓ Pre-Requisites: Algebra 1 A-B & Geometry A-B
- ✓ Duration: 2 semesters

### **Algebra 2 Honors**

**#3354**

This math course option follows the Algebra 2 curriculum, but will go into greater depth in the development of the course concepts. This Honors course is a challenging option designed for students who have demonstrated high levels of academic achievement in mathematics.

- ✓ Pre-Requisites: Algebra 1 A-B & Geometry A-B
- ✓ Duration: 2 semesters

### **Pre-Calculus (College in the High School course) \*\*\*opportunity to earn college credit\*\*\***

**#3831**

The course is designed for students who are preparing for mathematics or a mathematics-related career. Included are an integrated development of advanced algebra, trigonometry, analytic geometry, and an introduction to calculus. This course is a prerequisite to calculus. Use of the graphing calculator is an integral part of this course.

- ✓ Pre-Requisites: Algebra 2 A-B
- ✓ Duration: 2 semesters



**Pre-Calculus Honors** \*\*\**opportunity to earn college credit*\*\*\*

#3835

This math course option follows the Pre-Calculus curriculum, but will go into greater depth in the development of the course concepts. This Honors course is a challenging option designed for students who have demonstrated high levels of academic achievement in mathematics.

- ✓ Pre-Requisites: Algebra 2 A-B or Algebra 2 A-B Honors
- ✓ Duration: 2 semesters

**AP Statistics** \*\*\**opportunity to earn college credit*\*\*\*

#3860

The AP Statistics course is equivalent to a one-semester, introductory, non-calculus-based college course in statistics. The course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. There are four themes in the AP Statistics course: exploring data, sampling and experimentation, anticipating patterns, and statistical inference. Students use technology, investigations, problem solving, and writing as they build conceptual understanding.

- ✓ Pre-Requisites: Algebra 2 A-B
- ✓ Duration: 2 semesters

**Math 107** \*\*\**opportunity to earn college credit*\*\*\*

#3840

Students will explore mathematical topics and concepts anchored in workplace contexts. The course includes the study of sets, basic logic, truth tables, elementary probability and statistics, geometry and the connections between mathematics and art, exponential functions, logarithms, geometric series and finance. The spirit of the course is one of reasoning and problem solving. Math 107 curriculum follows Eastern Washington University's curriculum and students will have chance to earn transferrable college credits.

- ✓ Pre-Requisites: Algebra 2 A-B
- ✓ Duration: 2 semesters
- ✓ Non-STEM College Level Math Credit

**Bridge to College Math**

#3345

The Bridge to College course focuses on the key readiness standards from the Common Core as well as the eight Standards of Mathematical Practices needed for students to be ready to undertake postsecondary academic or career preparation in non-STEM fields or majors. The course addresses standards throughout high school and even earlier, including Algebra I, Statistics and Geometry, and the Algebra II standards agreed to as essential college- and career-readiness standards for most students. The full range of content standards found in Algebra II is not addressed because some are not seen as essential college- and career-readiness standards for non-STEM math courses.

- ✓ Pre-Requisites: Intermediate Math or Algebra 2 A-B
- ✓ Duration: 2 semesters (2nd semester is the only semester that counts toward college level math placement)

**AP Calculus AB** \*\*\**opportunity to earn college credit*\*\*\*

#3505

AP Calculus AB is roughly equivalent to a first semester college calculus course devoted to topics in differential and integral calculus. The AP course covers topics in these areas, including concepts and skills of limits, derivatives, definite integrals, and the Fundamental Theorem of Calculus. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions.

- ✓ Pre-Requisites: Pre-Calculus A-B
- ✓ Duration: 2 semesters

**AP Calculus BC** \*\*\**opportunity to earn college credit*\*\*\*

#3507

Explore the key concepts, methods, and applications of single-variable calculus including all topics covered in AP Calculus AB (functions, graphs, and limits, derivatives, integrals, and the Fundamental Theorem of Calculus) as well as additional topics in differential and integral calculus, such as parametric, polar and vector functions, and series. Pre-Requisites:

- ✓ Pre-Calculus A-B or Pre-Calculus A-B Honors
- ✓ Duration: 2 semesters

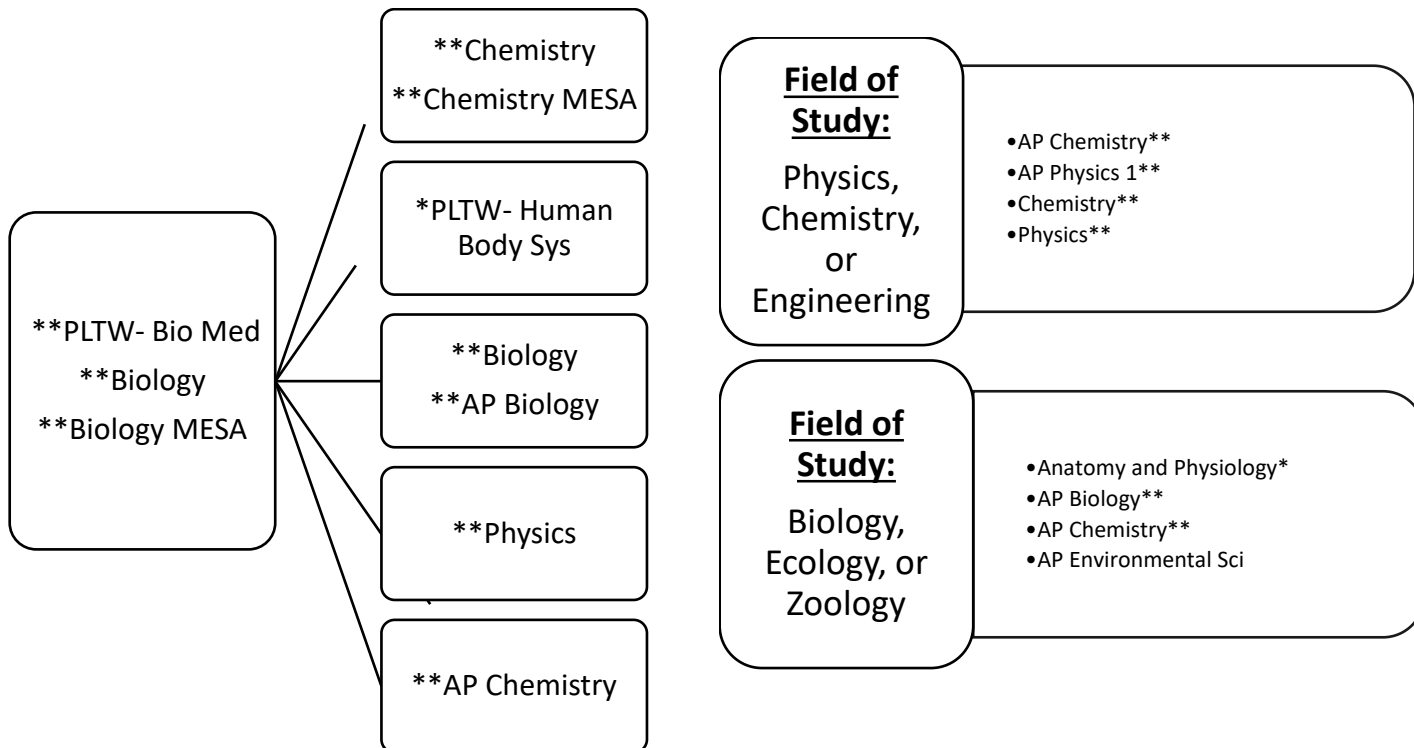
**SHADLE PARK HS SCIENCE PROGRESSIONS FLOWCHART**

-----TRADITIONAL SCIENCE PROGRESSIONS-----

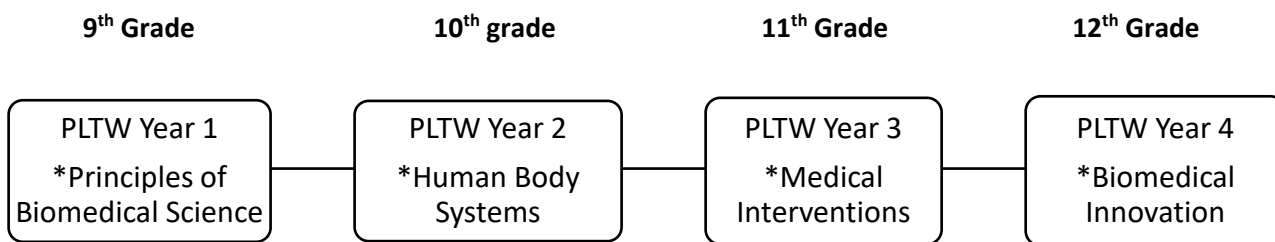
9<sup>th</sup> Grade

10<sup>th</sup> grade

11<sup>th</sup> Grade & 12<sup>th</sup> Grade



-----BIOMEDICAL SCIENCE PROGRESSION-----



Note: Students do not need to complete entire sequence of PLTW. Please talk to counselor about options.

**KEY:**

- The symbol \* designates that this course is considered a “lab science”.
- The symbol \*\* designates that this course is considered both a “lab science” and an “algebra based science”.
- The symbol + indicates that this course is not NCAA approved. If you aspire to play Division I or II athletics, know that this course does not fulfill NCAA requirements. Please check with your college on approval.

**NOTE:** The above progressions are typical options for SPHS students. Adjustments to each progression can be made based on the recommendation and collaboration with a student’s teacher and counselor.

**SHADLE PARK HS COURSE DESCRIPTIONS: SCIENCE OFFERINGS**

**Biology (\*lab science)**

**#5445**

Biology is the study of living systems, and interactions between living and non-living systems. Biology is a year-long introductory lab science course designed for ninth grade students. Using the Next Generation Science Standards as a guide, students explore essential questions

underlying topics in cellular biology, heredity, evolution and ecosystems. Questions guiding exploration include: “How do organisms live and grow? How and why do organisms interact with their environment, and what are the effects of these interactions? How are characteristics of one generation passed to the next? How can individuals of the same species have different characteristics?” And, “What evidence shows that different species are related?” In addition to acquiring content knowledge specific to biology, students also deepen their understanding of science and engineering practices through hands-on inquiry that involves asking questions, designing and carrying out investigations, and exploring and applying core science concepts that span across and unify all disciplines of science. \*\*\***This course is considered an algebra-based science.**

- ✓ Pre-Requisites: none
- ✓ Grade: 9-10
- ✓ Duration: 2 semesters

### **Biology MESA (\*lab science)**

**#5321**

MESA (Mathematics, Engineering, and Science Achievement) is a unique, applied biology course the district and Washington State University jointly operate. This lab science option follows a course syllabus similar to Biology A-B, and is designed for students who have been traditionally underrepresented in science and technology professions. The course provides additional enrichment opportunities and academic support for students participating in the program. \*\*\***This course is considered an algebra-based science.**

- ✓ Pre-Requisites: none
- ✓ Grade: 9
- ✓ Duration: 2 semesters Graduation

### **Chemistry (\*lab science)**

**#5311**

Chemistry is the study of the properties of matter and its interactions. Chemistry is a year-long introductory lab science course designed for students after their freshman year. Using the Next Generation Science Standards as a guide, students explore essential questions underlying topics including the structure and properties of matter and chemical reactions. Questions guiding exploration include: “How can one explain the structure, properties and interactions of matter?” And “How is energy in chemical reactions transferred and conserved?” In addition to acquiring content knowledge specific to chemistry, students also deepen their understanding of science and engineering practices through hands-on inquiry that involves asking questions, designing and carrying out investigations, and exploring and applying core science concepts that span across and unify all disciplines of science. \*\*\***This course is considered an algebra-based science.**

- ✓ Pre-Requisites: Algebra 1 A-B
- ✓ Grade: 9-12
- ✓ Duration: 2 semesters

### **Chemistry MESA (\*lab science)**

**#5323**

Chemistry MESA (Mathematics, Engineering, and Science Achievement) is a unique, applied chemistry course the district and Washington State University jointly operate. This lab science option follows a course syllabus similar to Chemistry A-B, and is designed for students who have been traditionally underrepresented in science and technology professions. The course provides additional enrichment opportunities and academic support for students participating in the program. \*\*\***This course is considered an algebra-based science.**

- ✓ Pre-Requisites: Algebra 1 A-B
- ✓ Grade: 9-10
- ✓ Duration: 2 semesters

### **Anatomy and Physiology (\*lab science)**

**#5203**

This course involves an in-depth study of the structure and function of the human body. Students learn how anatomy and physiology are interrelated and how the body maintains internal balance. Various human body systems are studied in depth at both the microscopic and macroscopic levels. This course involves hands-on investigations, including dissections. This course should be of high interest to students who are considering health science careers or who simply want a deeper understanding of the biology of the human body.

- ✓ Pre-Requisites: Biology
- ✓ Grade: 11-12
- ✓ Duration: 2 semesters

### **Physics (\*lab science)**

**#5511**

This introductory course builds on the physics concepts learned by students in prior grades, and extends their understanding of these ideas through scientific inquiry. Course content focuses on concepts related to matter, energy, forces, and motion. Emphasis is placed on developing understanding of scientific principles. Students will learn through laboratory investigations that engage them actively in solving problems and applying their knowledge to new situations. Students find physics interesting because it relates to common everyday

experiences such as an accelerating car. Students are also intrigued by less familiar topics like an orbiting satellite or the way energy is transmitted by waves. This course will enable students to understand phenomena such as these in much the same way that early scientists discovered the underlying principles behind such phenomena. **\*\*\*This course is considered an algebra-based science.**

- ✓ Pre-Requisites: Successful completion of Algebra I A-B and Geometry A-B
- ✓ Grade: 10-12
- ✓ Duration: 2 semesters

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**AP Biology (\*lab science) \*\*\*opportunity to earn college credit\*\*\* #5207**

This Advanced Placement (AP) Biology course is approved and certified by the College Board. It is intended to be the equivalent of a college level general biology course. AP Biology follows the program syllabus outlined by the College Board, in which students study concepts in the following major topic areas: molecules and cells; heredity and evolution; and organisms and populations. Students participate in laboratory investigations as a part of their course experience, and will have the opportunity to develop scientific reasoning abilities and inquiry skills. This course prepares students to successfully complete the advanced placement exam in biology. A score of 4 or 5 on the AP exam is accepted by many cooperating colleges for college credit. **\*\*\*This course is considered an algebra-based science.**

- ✓ Pre-Requisites: Biology A-B
- ✓ Grade: 10-12
- ✓ Duration: 2 semesters

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**AP Chemistry (\*lab science) \*\*\*opportunity to earn college credit\*\*\* #5313**

This year-long Advanced Placement (AP) Chemistry course is approved and certified by the College Board. It is intended to be the equivalent of a college level general chemistry course. AP Chemistry follows the program syllabus outlined by the College Board, in which students explore a range of advanced topics related to inorganic and organic chemistry. Students will participate in laboratory investigations that develop their inquiry skills and laboratory techniques, and will have an opportunity to enhance their mathematical abilities by working with quantitative data. This course provides a critical foundation for students interested in medicine, pharmacy, physical therapy, veterinarian sciences, chemistry, biology, engineering and other STEM related disciplines. **\*\*\*This course is considered an algebra-based science.**

- ✓ Pre-Requisites: Chemistry A-B
- ✓ Grade: 10-12
- ✓ Duration: 2 semesters

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**AP Physics 1 (\*lab science) \*\*\*opportunity to earn college credit\*\*\* #5517**

This year-long Advanced Placement (AP) Physics course is approved and certified by the College Board. It is intended to be the equivalent of a college level general physics course. AP Physics 1 follows the program syllabus outlined by the College Board, in which students explore Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; and mechanical waves and sound, and introductory electric circuits. The course is based on six Big Ideas, which encompass core scientific principles, theories, and processes that cut across traditional science boundaries and provide a broad way of thinking about the physical world. **\*\*\*This course is considered an algebra-based science.**

- ✓ Pre-Requisites: Successful completion of Algebra I A-B and Geometry A-B
- ✓ Grade: 10-12
- ✓ Duration: 2 semesters

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**AP Environmental Science \*\*\*opportunity to earn college credit\*\*\* #5523**

In AP Environmental Science, students use scientific principles, concepts, and methodologies to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. This course is both a lab science and an algebra based approved science course.

- ✓ Pre-Requisites: Biology

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**PLTW Year 1- Principles of Biomedical Science (\*lab science) #5307**

This is the first year in a potentially four-year course sequence. Student work involves the study of human medicine, research processes, an introduction to bioinformatics, and the use of computer science mathematics and information theory to model and analyze biological systems. Through active, hands on investigations and labs, investigate the human body systems and various health conditions including: heart disease, diabetes, sickle-cell disease, hypercholesterolemia, and infectious diseases. Students determine the factors that led to the death of a fictional person's, and investigate lifestyle choices and medical treatments that might have prolonged the person's life.

- ✓ Pre-Requisites: none
- ✓ Grade: 9-10
- ✓ Duration: 2 semesters

**PLTW Year 2- Human Body Systems (\*lab science)**

**#5309**

This is the second year in a four-year course sequence. Students engage in the study of the processes, structures, and interactions of the human body systems. Important concepts in the course include: communication, transport of substances, locomotion, metabolic processes, defense, and protection. The central theme is how the body systems work together to maintain homeostasis and good health. The systems are studied as 2“parts of a whole,” working together to keep the amazing human machine functioning at an optimal level. Students design experiments, investigate the structures and functions of body systems, and use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary actions, and respiratory operations. Students work through interesting real-world cases and play the role of biomedical professionals to solve medical mysteries. This course carries an equivalency with Anatomy and Physiology.

- ✓ Pre-Requisites: PLTW Year 1 – Principals of Bio-medical Science
- ✓ Grade: 9-10
- ✓ Duration: 2 semesters

**PLTW Year 3- Medical Interventions (\*lab science)**

**#5347**

This is the third year in a four year sequence. Students investigate a variety of interventions involved in the prevention, diagnosis and treatment of disease as they follow the life of a fictitious family. This course is a how to manual for maintaining overall health and homeostasis in the body. Students explore how to prevent and fight infection; screen and evaluate the code in human DNA; prevent, diagnose and treat cancer; and prevail when the organs of the body begin to fail. Through these scenarios, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics.

- ✓ Pre-Requisites: PLTW Year 2 – Human Body Systems
- ✓ Grade: 11-12
- ✓ Duration: 2 semesters

**PLTW Year 4-Biomedical Innovation (\*lab science)**

In Biomedical Innovation (BI), the final course of the PLTW Biomedical Science sequence, students build on the knowledge and skills gained from previous courses to design innovative solutions for the most pressing health challenges of the 21st century. Students address topics ranging from public health and biomedical engineering to clinical medicine and physiology. They have the opportunity to work on an independent project with a mentor or advisor from a university, medical facility, or research institution.

- ✓ Pre-Requisites: PLTW Year 3 – Medical Interventions
- ✓ Grade: 11-12
- ✓ Duration: 2 semesters



**SHADLE PARK HS COURSE DESCRIPTIONS: SOCIAL STUDIES OFFERINGS**

**AP Human Geography \*\*\*opportunity to earn college credit\*\*\***

**#2310**

The purpose of AP Human Geography course is to introduce students to the systemic study of patterns and processes that have shaped human understanding, use, and alteration of earth’s surface. Students learn to employ spatial concepts and landscape analysis to examine human socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in

their research and applications. Students may elect to take the Advanced Placement exam. Students who pass the Advanced Placement test will receive college credit from most universities.

- ✓ Grade: 9
- ✓ Duration: 2 semesters

### **World History**

**#2203**

The 9th/10th grade World History course will ask students to engage in the civics, geography, history, and economy of a variety of cultures through a variety of time frames, often through a project-based format. Special attention will be given to helping students work with their informational reading and writing skills throughout the year.

- ✓ Grade: 10
- ✓ Duration: 2 semesters

### **US History Perspectives**

**\*\*\*opportunity to earn college credit\*\*\***

**#2317**

US History Perspectives explores the history of our nation from 1491 to the present by including first-person stories of Americans from many backgrounds and experiences. Students taking US History Perspectives consider multiple accounts of events and issues in order to understand the politics, economics, geography, and history of this country from a variety of perspectives. Students will investigate different historical accounts intentionally chosen to include experiences of groups often marginalized in American society. Through a balance of critically examining the realities of U.S. History and celebrating the courageous perseverance of individuals and movements, students will take learning beyond the classroom using school knowledge and skills to identify, analyze, and solve real-world problems. The course encourages critical thinking, document analysis, and the development of writing skills.

- ✓ Grade: 11
- ✓ Duration: 2 semesters

### **US History**

**#2276**

Students taking US History study a combination of U.S. history and government, 1890 to 2001. Students consider multiple accounts of events and issues in order to understand the politics, economics, geography, and history of this country from a variety of perspectives.

- ✓ Grade: 11
- ✓ Duration: 2 semesters

### **Civics**

**#2303**

In this course the students will gain an understanding of the following concepts: Constitutional and Economic Underpinnings of American Government, Political Parties, Beliefs, and Behaviors, Interest Groups and Mass Media, Institutions of Government, Public Policy, Civil Rights and Liberties. Through study of these topics, students will gain a vital understanding of the American system of governance and apply their understanding to an analysis of current issues.

- ✓ Grade: 12
- ✓ Duration: 1 semester (*\*\*\*taken in conjunction with CWA*)

### **Current World Affairs (CWA)**

**#2207**

This course will examine the key issues facing our world today. The student will bring together the understanding and skills they have developed over the years in social studies to dig deeper into the problems of the environment, the proliferation of weapons, pandemics, terrorism, international conflict, and more.

- ✓ Grade: 12
- ✓ Duration: 1 semester (*\*\*\*taken in conjunction with Civics*)

### **AP World History** **\*\*\*opportunity to earn college credit\*\*\***

**#2243**

AP World History offers students a broad view of events, ideas and movements that have led to the contemporary world. This course has a brief review of ancient human history, but largely covers the history of major civilizations from 1450 to the present. Students may elect to take the Advanced Placement exam. Students who pass the Advanced Placement test will receive college credit from most universities.

- ✓ Grade: 10
- ✓ Duration: 2 semesters

**AP US History \*\*\*opportunity to earn college credit\*\*\***

#2255

The one-year Advanced Placement US History program is a comprehensive college-level course that is organized chronologically. Students will study US History from the pre-Columbian era to the present. The assigned readings are from a number of books used in American universities. The teaching and study techniques have been chosen to prepare the student to do excellent work in college. The examinations and papers are similar to those the student will encounter in college work. Students may elect to take the Advanced Placement exam. Students who pass the Advanced Placement test will receive college credit from most universities.

- ✓ Grade: 11
- ✓ Duration: 2 semesters

**AP US Government and Politics \*\*\*opportunity to earn college credit\*\*\***

#2305

The AP US Government and Politics course gives students an analytical perspective on government and politics in the US. This course includes both the study of general concepts used to interpret US government and politics and the analysis of specific examples. It also requires knowledge and understanding of the various institutions, groups, beliefs, and ideas that constitute US government and politics. Students may elect to take the Advanced Placement exam. Students who pass the Advanced Placement test will receive college credit from most universities.

- ✓ Grade: 12
- ✓ Duration: 1 semester (*\*\*\*taken in conjunction with AP Comparative Government and Politics*)
- ✓ Credit: Fulfills CWA/Civics Graduation Requirement

**AP Comparative Government and Politics \*\*\*opportunity to earn college credit\*\*\***

#2278

This course is designed for students wishing to learn more advanced concepts about governments around the world. This course introduces students to fundamental concepts used by political scientists to study the processes and outcomes of politics in a variety of country settings. Content will include the study of China, Great Britain, Iran, Mexico, Nigeria, and Russia and how politics, institutions, and behaviors shape these nations. Course work is equivalent to a college introductory course. Students who pass the Advanced Placement test will receive college credit from most universities.

- ✓ Pre-Requisite: AP US Government and Politics
- ✓ Grade: 12
- ✓ Duration: 1 semester (*\*\*\*taken in conjunction with AP US Government and Politics*)
- ✓ Credit: Fulfills CWA/Civics Graduation Requirement

**ARTS & HUMANITIES****Musical Arts (Vocal & Instrumental)**

#	Course Title	Credit that can be earned ( <i>*other than ELECTIVE credit</i> )
4620	<b>Vocal Small Ensemble- Intermediate</b> This is a non-auditioned and non-performing vocal class that is open to all students wishing to improve their musicianship skills and enjoy music in a casual setting. Students	<input type="checkbox"/> CTE <input checked="" type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science



	in this class will experience basic music concepts through vocal games, singing, body percussion, music theory lessons, and folk dances. No previous experience is required. No extra-curricular activities are associated with this class.	
4613	<b>Intermediate Choir</b> (**All incoming students start here!**) This choir is open to all students (grades 9-12, all voice types) who are interested in singing and want to improve their musicianship skills. Students will get the chance to improve their vocal skills while emphasizing the basics of proper techniques and foundational musical skills. Participation requires a commitment to performing both in class and outside of the school day at concerts. Opportunities to perform include (but are not limited to) festivals and concerts. Students wishing to audition into more advanced vocal ensembles should participate in this ensemble first. All incoming 9 <sup>th</sup> graders wishing to take choir should enroll in this course. Students grades 10-12 who have not taken choir at a high school level should enroll in this course. All voice types.	<input type="checkbox"/> CTE <input checked="" type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science
4615	<b>→ Advanced Choir</b> ***Audition for Performances*** *Audition Only* This choir consists of students who have a strong singing/musical background after singing in Intermediate Choir at Shadle (or equivalent school) for one year (two semesters) and auditioning for the instructor. Students will sharpen their vocal skills through challenging music and performances. All styles of choral music will be performed. Emphasis on sightreading and music theory skills will be taught in class. Participation requires a professional commitment to performing both in class and outside of the school day. Opportunities to perform include (but are not limited to) festivals, contests, tours and concerts. All voice types, grades 10-12, audition only through instructor.	<input type="checkbox"/> CTE <input checked="" type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science
4623	<b>→ Vocal Small Ensemble - Advanced</b> ***Audition Only***    ***Zero Hour*** This class is for students who would like to develop a thorough understanding of proper singing techniques and vocal "chamber music." An active performing schedule including school concerts and special community events is a major aspect of this ensemble. Opportunities to perform include (but are not limited to) festivals, contests, tours and concerts.	<input type="checkbox"/> CTE <input checked="" type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science
4772	<b>Advanced Band-Wind Ensemble</b> For all students 9-12 grade that play a band instrument, excluding percussion (see Percussion Ensemble). Musicians in this ensemble will be challenged daily to improve their individual musicianship and ensemble skills through progressive fundamental and technical exercises. We will explore a diversity of genres and are constantly in pursuit of presenting compelling, entertaining, expressive, and fun performances for our audiences. Participation requires a commitment to performing in all concerts and festivals, as well as football pep band in the fall. Additionally students will have many optional opportunities to perform including chamber ensembles and basketball pep band. For more information including media, course syllabus, and performance calendars check out <a href="http://www.shadleparkband.org">www.shadleparkband.org</a> .	<input type="checkbox"/> CTE <input checked="" type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science
4776	<b>Advanced Jazz Ensemble</b> ***Audition Only***    ***Zero Hour*** This ensemble is built around the traditions of Count Basie and Duke Ellington in the spirit of swing. We will explore performance in traditional big band swing, bebop, latin jazz, contemporary, rock, and funk. Style, improvisation, groove, and small ensemble skills are among the fundamentals we will dive into throughout the year. Instruments traditionally included in a jazz ensemble are saxophone, trumpet, trombone, piano, guitar, acoustic bass, and drums. Jazz Ensemble is a performance based curriculum including school concerts, community events, festivals, contests, and school Cons. For more information including media, course syllabus, and performance calendars check out <a href="http://www.shadleparkband.org">www.shadleparkband.org</a> .	<input type="checkbox"/> CTE <input checked="" type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science
4780	<b>→ Percussion Ensemble</b> This class is for all percussionists. Musicians in this class will comprise all (or part) of the percussion sections of the Wind Ensemble, Drumline, and Pep Band. Additionally they will perform Percussion Ensemble music throughout the year and will have numerous optional performance opportunities including chamber music and pep band. Percussionists will be exposed to the entire range of percussion instruments focusing initially on snare, mallets, and timpani, but will explore all auxiliary instruments and contemporary sounds ranging from garbage cans to piles of metal. For more information	<input type="checkbox"/> CTE <input checked="" type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science

	including media, course syllabus, and performance calendars check out <a href="http://www.shadleparkband.org">www.shadleparkband.org</a> .	
4789	<b>String Orchestra</b> Students who play string instruments should enroll in this class (other orchestral instruments will sometimes be added by the instructor). Fundamentals of orchestra techniques will be introduced and explored. This is a great class to sharpen performance skills in order to audition for the select, more advanced ensemble. Various styles of orchestra music will be performed. Opportunities to perform include (but are not limited to) festivals, contests, tours and concerts. For more information including media, course syllabus, and performance calendars check out <a href="http://www.shadleparkband.org">www.shadleparkband.org</a> .	<input type="checkbox"/> CTE <input checked="" type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science
4790	→ <b>Chamber Orchestra ***Audition Only***</b> This select orchestra consists of strings students who have a strong instrumental music background (other orchestral instruments will sometimes be added by the instructor). Students will get a chance to sharpen their skills through challenging music and performances. All styles of orchestra music will be performed. Participation requires a commitment to performing both in class and outside of the school day. Opportunities to perform include (but are not limited to) festivals, contests, tours and concerts. For more information including media, course syllabus, and performance calendars check out <a href="http://www.shadleparkband.org">www.shadleparkband.org</a> .	<input type="checkbox"/> CTE <input checked="" type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science
4855	<b>Guitar Lab</b> This course is for the beginning or intermediate guitar player who would like to learn music fundamentals while exploring skills required to play the guitar. School instruments are available for rent if needed. Students are also welcome to bring their own instrument from home. Secure storage is available at school during the day and overnight.	<input type="checkbox"/> CTE <input checked="" type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science
4860	<b>Piano/Keyboard Lab</b> This course is for the beginning or intermediate pianist (no previous formal lesson experience) who would like to learn music fundamentals, like reading music and learning music theory, while exploring skills required to play the piano. Reading music will be stressed as well as proper technique and performance etiquette. No extracurricular performances necessary. This is a great class for students wishing to fulfil a musical arts credit without ensemble performances.	<input type="checkbox"/> CTE <input checked="" type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science

### Theatre Arts

#	Course Title	Credit that can be earned ( <i>*other than ELECTIVE credit</i> )
1601	<b>Beginning Drama</b> This beginning drama course is designed to develop acting skills and gain a general knowledge of the theater world. Special emphasis is directed toward concentration and development of characterizations. This is a group activity class in which all students take an active part.	<input type="checkbox"/> CTE <input checked="" type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science
1607	→ <b>Advanced Drama ***Audition Only***</b> This advanced drama course takes a deeper look into all areas of the theater. The first semester will involve study in the areas of make-up, set design, set construction, costumes, properties, acting, types of theater and directing. The second semester will involve the practical application of the material learned during the first semester. Participation requires a commitment to performing both in class and outside of the school day.	<input type="checkbox"/> CTE <input checked="" type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science
4626	→ <b>Advanced Musical Theater</b> Do you have what it takes to sing, dance, and act? This class focuses on the skills needed to gain the endurance to perform eight times a week in a full scale Broadway Musical and prepare for a collegiate Musical Theatre program. We focus on all styles of theatrical dance and singing. You too can learn to tap, pop and lock, and hip-hop your way to stardom. Participation requires a commitment to performing both in class and outside of the school day. Prerequisites: Beginning or Intermediate Theatre, audition. Graduation Requirement Credit: Art Program of Study: Arts, Humanities, Education	<input type="checkbox"/> CTE <input checked="" type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science
7850	<b>Stagecraft</b> If you are interested in the wonderful world of theater but you don't really want to act or you just want to diversify your artistic abilities, this is the course for you! Stagecraft is a hands-on class, in which the participants actively learn and create for the many technical areas of theater, including: lighting, sound costumes, publicity, and stage management.	<input checked="" type="checkbox"/> CTE <input type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science

Visual Arts		
#	Course Title	Credit that can be earned (*other than ELECTIVE credit)
4201	<b>Drawing, Sculpting, Painting</b> Students explore a variety of media providing a foundation in the elements and principles of art with an emphasis on drawing, sculpting and painting. The study of art history, cultures, and artists will provide vocabulary skills and a foundation for students to discuss and evaluate their own work in a supportive atmosphere. This course is a suggested prerequisite for all other 2D & 3D visual art classes.	<input type="checkbox"/> CTE <input checked="" type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science
4221	➔ <b>Intermediate Drawing</b> Students will apply the elements and principles of visual art by demonstrating a variety of drawing media and techniques to create artwork. Subject matter will vary from still life to the human form to nature and abstract design. The study of art history, cultures, and artists will provide vocabulary skills and a foundation for students to discuss and evaluate their own work in a supportive atmosphere.	<input type="checkbox"/> CTE <input checked="" type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science
4231	➔ <b>Intermediate Painting</b> Students will apply the elements and principles of visual art by demonstrating a variety of painting techniques to create artwork. Subject matter will vary from still life to the human form to nature and abstract design. The study of art history, cultures, and artists will provide vocabulary skills and a foundation for students to discuss and evaluate their own work in a supportive atmosphere.	<input type="checkbox"/> CTE <input checked="" type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science
4223	➔ <b>Advanced Drawing</b> Students will apply the elements and principles of visual art by demonstrating a variety of drawing media and techniques to create artwork. Subject matter will vary from still life to the human form to nature and abstract design. The study of art history, cultures, and artists will provide vocabulary skills and a foundation for students to discuss and evaluate their own work in a supportive atmosphere.	<input type="checkbox"/> CTE <input checked="" type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science
4233	➔ <b>Advanced Painting</b> Students will apply the elements and principles of visual art by demonstrating a variety of painting techniques to create artwork. Subject matter will vary from still life to the human form to nature and abstract design. The study of art history, cultures, and artists will provide vocabulary skills and a foundation for students to discuss and evaluate their own work in a supportive atmosphere.	<input type="checkbox"/> CTE <input checked="" type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science
4341	➔ <b>Senior Studio Art</b> This is an advanced art class for students who have decided to pursue an art career or seek scholarships to art schools and/or universities. In this class students will have the opportunity to produce a portfolio of selected work.	<input type="checkbox"/> CTE <input checked="" type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science
4345	➔ <b>AP Studio Art: Drawing</b> ***opportunity to earn college credit*** Advanced Placement Studio Art is for art students that are interested in completing the AP Drawing Portfolio to submit to the College Board to receive college credit. Students are challenged to develop their own work while meeting the requirements for the portfolio as stated by the College Board. This class explores a variety of mediums, subject matters, and styles.	<input type="checkbox"/> CTE <input checked="" type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science
7751	<b>Digital Photography</b> Capture the world around you in pictures and create a portfolio of your work. In this course you will gain knowledge of fundamental competencies in electronic digital cameras. College credit at SFCC is available for completing course.	<input checked="" type="checkbox"/> CTE <input checked="" type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science <b>Dual Credit Course: 1.0 total credit, fulfills Art &amp; CTE</b>
7874	➔ <b>AP Studio Art: 2D Digital Photography</b> ***opportunity to earn college credit*** Advanced Placement Digital Photography is for art students that are interested in completing the AP Digital Photography Portfolio to submit to the College Board to receive college credit. Students are challenged to develop their own work while meeting the requirements for the portfolio as stated by the College Board. This class explores a variety of mediums, subject matters, and styles of digital photography.	<input checked="" type="checkbox"/> CTE <input checked="" type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science <b>Dual Credit Course: 1.0 total credit, fulfills Art &amp; CTE</b>
4311	<b>Ceramics</b> Students will apply the elements and principles of visual art while learning various skills and techniques including: hand building; throwing on the potter's wheel; glazing and decorating. Students will construct a variety of functional, utilitarian, and sculptural forms. The study of art history, cultures, and artists will provide vocabulary skills and a	<input type="checkbox"/> CTE <input checked="" type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science

	foundation for students to discuss and evaluate their own work in a supportive atmosphere.	
4313	<b>→ Advanced Ceramics</b> Students will apply the elements and principles of visual art while enhancing various skills and techniques including: hand building; throwing on the potter's wheel; glazing and decorating. Students will construct a variety of functional, utilitarian, and sculptural forms. The study of art history, cultures, and artists will provide vocabulary skills and a foundation for students to discuss and evaluate their own work in a supportive atmosphere.	<input type="checkbox"/> CTE <input checked="" type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science

**Humanities & Debate**

#	Course Title	Credit that can be earned (*other than ELECTIVE credit)
2288	<b>AP Psychology ***opportunity to earn college credit***</b> This course is intended to introduce students to the systematic and scientific study of behavior and mental processes. Primarily, the course will explore the psychological facts, principles and phenomena associated with each of the major sub fields of psychology (consciousness, learning, personality, cognition, etc.). Students may elect to take the Advanced Placement exam.	<input type="checkbox"/> CTE <input type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science
1511	<b>Debate ***opportunity to earn college credit***</b> In debate students will work on a variety of speaking, listening, and research skills. By the end of the course students will become better public speakers and better be able to advocate their point. Students will gain essential life skills that will prepare them for jobs, college, and more. The best part about debate is being able to compete against other schools. In this way debate really is an "academic sport." Students are able to choose from 3 debate events and 8+ speech events. As a part of the class, students are required to go to competitions. Debate students are also able to earn a college credit in argumentation and advocacy or public speaking through Eastern on an alternating basis.	<input type="checkbox"/> CTE <input type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science



**SHADLE PARK HIGH SCHOOL CTE PATHWAY ALIGNED ELECTIVE OFFERINGS**

**KEY:**

- means this course has a pre-requisite
- \*\*\*Zero Hour\*\*\* means this course is held before school @ 7:00am and students are responsible for their own transportation
- \*\*\*Audition Only\*\*\* means students must audition to be enrolled in the course and for any associated performances as well
- \*\*\*Audition for Performances\*\*\* means students enrolled in course may be required to audition for specific performances outside of the school day

\*\*\*\*\*NOTE: ALL COURSES ARE YEAR-LONG ELECTIVES UNLESS OTHERWISE NOTED.

**BUSINESS AND INDUSTRY**

**Manufacturing**

#	Course Title	Credit that can be earned (*other than ELECTIVE credit)
7561	<b>Manufacturing/Materials Processing- Woods</b> Wood is often considered the "master" building material. The first thing you made and viewed with pride was probably constructed with this material. This course will introduce you to the machines used to make fabricating with wood easier. Students will learn safety procedures, methods of construction to assist in engineering the maximum strength, and utility of composite projects for the minimum expenditure of time and cost.	<input checked="" type="checkbox"/> CTE <input type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science

7568	<p>➔ <b>Advanced Manufacturing/Materials Processing- Woods</b></p> <p>Using the skills you developed from the first course, you gain an understanding for designing and fabricating complex composite projects. With an emphasis on carpentry and cabinetry, students will design, estimate costs, and fabricate projects of their choice while learning more advanced techniques, uses of materials, and application of basic skills.</p>	<input checked="" type="checkbox"/> CTE <input type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science
7551	<p><b>Manufacturing/Materials Processing- Metals</b></p> <p>This program provides students the opportunity to learn about such areas as layout, sheet metal, lathe, foundry, gas and arc welding. The techniques learned are used to build a project of the student's personal design. During the second semester, students will use the skills developed to construct highly technical projects.</p>	<input checked="" type="checkbox"/> CTE <input type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science
7558	<p>➔ <b>Advanced Manufacturing/Materials Processing- Metals</b></p> <p>This course prepares students for entry into metal fabrication. Students develop machinist skills on both the lathe and mill. Advanced welding skills are developed in both arc and gas welding. You will learn to weld with metallic inert gas (MIG) and tungsten inert gas (TIG). Completion of first year Metals is required for enrollment in this course.</p>	<input checked="" type="checkbox"/> CTE <input type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science
8140	<p><b>Aerospace Engineering and Manufacturing Year 1</b></p> <p>This course will provide students basic skills in manufacturing and materials engineering industries. The Core Plus curriculum used in this course was developed by the Boeing Company and educational partners with specifically defined knowledge, skills, and abilities (KSAs) for student learning related to Computer-Aided-Design, Aerospace Composites, Aerospace Machining, Marine Technology, Metal Fabricating, Principles of Engineering and Construction. Course curriculum will focus on safety, materials science, tools and measurement, critical thinking, applied mathematics and print reading.</p>	<input checked="" type="checkbox"/> CTE <input type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science  <p><b>Dual Credit Course: 1.0 total credit, fulfills Year-3 Math &amp; CTE</b></p>
8142	<p>➔ <b>Aerospace Engineering and Manufacturing Year 2/Aerospace Apprenticeship</b></p> <p>This year-long course will further prepare students for T-2-4 success in the manufacturing and materials engineering industries. The Core Plus curriculum used in this course was developed by the Boeing Company and educational partners with specifically defined knowledge, skills, and abilities (KSAs) for student learning related to Computer-Aided Design, Aerospace Composites, Aerospace Machining, Marine Technology, Metal Fabricating, Principles of Engineering and Construction. Course curriculum will focus on safety, manufacturing process, maintenance, critical thinking, fasteners, drilling, sawing, mill and lathe use.</p>	<input checked="" type="checkbox"/> CTE <input type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science

**Transportation, Distribution, and Logistics**

#	Course Title	Credit that can be earned (*other than ELECTIVE credit)
7251	<p><b>Introduction to Auto Mechanics Technology</b></p> <p>Students will be introduced to the basic concepts, fundamentals, and functionality of automotive computer and electrical systems while learning shop safety and proper tools and equipment usage and professional behavior in a shop environment. Students will learn the basics of electrical science, such as the functions of volts, ohms, amps and how these relate to automotive system operation. Students will learn how to read wiring diagrams, exploded diagrams, troubleshoot flowchart structures, parts catalogs, and be able to conceptualize basic functionality of many different car sensor systems and how they relate to each other. Students will gain understanding of modern On-Board Diagnostic systems (OBDII) code structure and be able to understand the organization of said structure.</p>	<input checked="" type="checkbox"/> CTE <input type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science
7271	<p>➔ <b>Advanced Auto Mechanics Technology</b></p> <p>Students that have successfully passed Intro to Automotive ECS will expand on their knowledge by applying the skills they have built in the previous class by moving to the repair floor and gaining hands-on experience with real project vehicles and repair situations. Students will expand their knowledge from Intro ACES to all systems of automotive systems and functionality (brakes, suspension, steering, M-HVAC, engine performance, basics of transmission performance and functionality, diagnosis of system failures and pathways to repair).</p>	<input checked="" type="checkbox"/> CTE <input type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science

**Business & Marketing**

#	Course Title	Credit that can be earned (*other than ELECTIVE credit)
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8371	<b>Business and Marketing/DECA</b> Looking for a course that delivers real world skills? Business and marketing is your ticket! During this year long course, you will explore the functions of marketing, promotions, economics, selling, emotional intelligence, professional development and the job search process, financial literacy and the chance to participate in DECA. DECA is an association for marketing students that empowers its members to be academically prepared, community oriented, strong leaders, and professional networkers. In addition to a relevant and exciting curriculum all students have the opportunity to complete certification exams, articulate for credit at the community colleges of Spokane, earn a letter, travel, and compete with DECA. Start your adventure today and explore the possibilities!	<input checked="" type="checkbox"/> CTE <input type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science
8373	➔ <b>Business and Marketing 2/DECA</b> Continue with the marketing and DECA journey! This project-based course allows students to develop and demonstrate management level marketing skills. Students will learn advanced marketing principles and demonstrate proficiency by completing marketing projects. Financial Literacy and the Stock Market Game, marketing research and communication with a Professional Selling Project, Social Media Marketing, and Microsoft Office Certification in various applications. Each student is invited to participate in DECA which offers leadership training and competition. DECA partners with many national corporations which offer employment and scholarship opportunities. This class is a req'd prerequisite to the Store Operations and Management Course.	<input checked="" type="checkbox"/> CTE <input type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science
8374	➔ <b>Store Operations and Management – Highlander Hut/Bagpiper's Bistro</b> Be part of the team that manages the Highlander Hut and Bagpiper's Bistro. This course will prepare the student to operate a business that sells goods and services. This course will provide insight into the theory and application of merchandise/service assortment, pricing, promotion mix, location, store layout, and customer service activities necessary for successful retail operations. This class provides a structured setting where you learn to apply marketing and management concepts learned in the Marketing classrooms by operating the school store. <b>Permission from teacher is req'd for this course.</b>	<input checked="" type="checkbox"/> CTE <input type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science
8374Z	➔ <b>Store Operations and Management – Bagpiper's Bistro ***Zero Hour***</b> See description above. <b>Permission from teacher is req'd for this course.</b>	<input checked="" type="checkbox"/> CTE <input type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science
8263	➔ <b>Independent Business Project</b> IBP is designed to provide self-directed students the opportunity to plan and complete an in-depth project in a business area of their interest. The teacher will approve, monitor and evaluate the project. <b>Permission from teacher is req'd for this course.</b>	<input checked="" type="checkbox"/> CTE <input type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science
8215	<b>Web Design</b> This project-based class teaches professional web design using Adobe Creative Suite and other popular software. The curriculum is designed to teach the full process of designing, developing, and managing the creation of websites. Students create multimedia websites using Dreamweaver, web graphics and digital photography with Photoshop and other photo editing and drawing programs, web animation with Flash, and web video editing software. Students interested in the area of web development are encouraged to take this class.  ➔	<input checked="" type="checkbox"/> CTE <input checked="" type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science  <b>Dual Credit Course: 1.0 total credit, fulfills Art &amp; CTE</b>
<b>Work Study Learning</b>		
<b>#</b>	<b>Course Title</b>	<b>Credit that can be earned (*other than ELECTIVE credit)</b>
8367	<b>Work Site Learning</b> Students have the opportunity to earn credit for working at a job, paid or unpaid/volunteer, outside of the hours school is in session, provided they meet the following requirements: 1) Be enrolled in or have completed a Qualifying CTE class. 2) Complete all Work Site Learning agreements and paperwork with the Work Site Learning Facilitator that works downtown in the central office. 3) Turn in work hours and all required assignments through the Blackboard shell as required by the WSL Facilitator. Students earn ½ credit for every 180 hrs of work. Students can earn up to 2 full credits/school year (720 hrs) depending on how many hours they work.	<input checked="" type="checkbox"/> CTE <input type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science



**PUBLIC SERVICE**

**Health Science/Foods**

#	Course Title	Credit that can be earned (*other than ELECTIVE credit)
7772	<p><b>Sports Medicine 1</b>                      The Sports Medicine course is designed to teach students components of exercise science/sports medicine including exploration of therapeutic careers, medical terminology, anatomy, physiology, first aid, injury prevention, the healing process, rehabilitation techniques, therapeutic modalities, and sport nutrition. This course prepares students for future clinical experiences as well as advanced sports medicine courses. <i>(*lab science) (*not NCAA approved as science class if you plan on being an NCAA Division I or Division II athlete)</i></p>	<input checked="" type="checkbox"/> CTE <input type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input checked="" type="checkbox"/> Science
7776	<p>➔ <b>Sports Medicine 2</b>                      The Sports Medicine – Advanced course is designed for students who wish to build upon their knowledge and skills learned in Sports Medicine. Components of exercise science/sports medicine include exploration of therapeutic careers, medical terminology, anatomy, physiology, first aid, injury prevention, the healing process, rehabilitation techniques, therapeutic modalities, and sport nutrition. <i>(*lab science) (*not NCAA approved as science class if you plan on being an NCAA Division I or Division II athlete)</i></p>	<input checked="" type="checkbox"/> CTE <input type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input checked="" type="checkbox"/> Science
8575	<p><b>Foods and Nutrition</b>                      Learn to make informed decisions about what to eat as well as proper methods of preparation. Foods and Nutrition uses the newest technology to help you manage food resources. Cooking skills, safety, and nutrition are just a few focus areas of this class. Content includes food artistry, global food issues, and kitchen management. There may be a cost for special projects. The second semester includes international foods. Prerequisites: None Graduation Requirement Credit: CTE</p>	<input checked="" type="checkbox"/> CTE <input type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science
8568	<p>➔ <b>Culinary and Hospitality- ProStart 1</b>                      Prostart 1 follows Foods and Nutrition. Students enrolled in ProStart Year 1 &amp; 2 are eligible to apply for the WA State Food Prep Cook Apprenticeship. Learn about one of the largest, fastest-growing industries in the United States. A career in the hospitality/food service industry includes management, culinary arts, and entrepreneurship, hospitality, and travel opportunities. Based on input from restaurant and hospitality professionals nationwide, the ProStart Program offers both the work experience and classroom learning you need to succeed in your career. Leadership activities and trade-related school projects are an important part of this school-to-career class! College credit available.</p>	<input checked="" type="checkbox"/> CTE <input type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science
8588	<p>➔ <b>Culinary and Hospitality- ProStart 2</b>                      Continue learning about careers in the hospitality/food service industry. Based on input from restaurant and hospitality professionals nationwide, the ProStart Program offers both the work experience and classroom learning you need to succeed in your career. Leadership activities and trade-related school projects are an important part of this school -to-career class!</p>	<input checked="" type="checkbox"/> CTE <input type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science

**Education/Training & Communication**

#	Course Title	Credit that can be earned (*other than ELECTIVE credit)
8560	<p><b>Child Development</b>                      Equip yourself with skills to make a difference in the lives of children! Discover the planning, preparation, skills, and responsibilities necessary for the unique challenges of parenthood or child-related careers. This course explores prenatal and developmental stages, costs of raising children, motivation and education of young children. Skills are developed through activities, guest speakers, field trips, and cooperative learning experiences. Second semester offers internship opportunities in child-related fields.</p>	<input checked="" type="checkbox"/> CTE <input type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science



8561	<p>➔ <b>Early Childhood Education (Pre-School)</b></p> <p>Do you like working with young children? If so, then you know that working with children is a very rewarding and challenging experience. You will plan and lead activities for 3, 4, and 5 year olds in an early childhood education setting. This program will help you to prepare for employment as a childcare worker or preschool/elementary teacher. Learn about children while working with them in a preschool setting.</p>	<input checked="" type="checkbox"/> CTE <input type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science
9295	<p><b>Careers in Education- Teaching Academy</b></p> <p>Do you want to be a teacher? This class is designed to give students the “total teaching experience”. First semester, you will learn about teaching methods, classroom management, lesson planning and the rigors of the teaching profession. You will also gain valuable work skills, plan lessons, make presentations and speak to classes with confidence. Second semester, you will have the opportunity to spend time with children in an elementary or middle school classroom applying newly learned concepts.</p>	<input checked="" type="checkbox"/> CTE <input type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science
9193	<p><b>Military Studies 100 (AFJROTC)</b></p> <p>Every military studies course has three components: aerospace, leadership and fitness. First year Air Force Junior ROTC cadets will study the history of aviation from ancient times to the current day, military and Air Force traditions, customs and courtesies, and health and citizenship. One day each week will focus on fitness or military drill and ceremonies. Prerequisites: None Graduation Requirement Credit: CTE</p>	<input checked="" type="checkbox"/> CTE <input type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science
9197	<p><b>Military Studies 200 (AFJROTC)</b></p> <p>Second and third year cadets will study aviation science, interpersonal communication and leadership and take part in fitness and drill activities. One day each week will focus on fitness or military drill and ceremonies. This course alternates with MS 300. Prerequisites: Military Science 100 Graduation Requirement Credit: CTE</p>	<input checked="" type="checkbox"/> CTE <input type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science

**STEM (Science, Technology, Engineering, and Mathematics)**

#	Course Title	Credit that can be earned (*other than ELECTIVE credit)

**Biomedical Science**

#	Course Title	Credit that can be earned (*other than ELECTIVE credit)
5307	<p><b>PLTW- Principles of Biomedical Science (Year 1)</b></p> <p>Student work involves the study of human medicine, research processes, an introduction to bioinformatics, and the use of computer science mathematics and information theory to model and analyze biological systems. Students investigate the human body systems and various health conditions including: heart disease, diabetes, sickle-cell disease, hypercholesterolemia, as well as infectious diseases. They determine the factors that led to the death of a fictional person, and investigate lifestyle choices and med e been able to prolong the person’s life.</p>	<input checked="" type="checkbox"/> CTE <input type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input checked="" type="checkbox"/> Science  <p><b>Dual Credit Course: 1.0 total credit, fulfills Science (lab science) &amp; CTE</b></p>
5309	<p><b>PLTW – Human Body Systems (Year 2)</b></p> <p>Students engage in the study of the processes, structures, and interactions of the human body systems. Important concepts in the course include: communication, transport of substances, locomotion, metabolic processes, defense, and protection. The central theme is how the body systems work together to maintain homeostasis and good health. The systems are studied as “parts of a whole,” working together to keep the amazing human machine functioning at an optimal level. Students design experiments, investigate the structures and functions of body systems, and use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary actions, and respiratory</p>	<input checked="" type="checkbox"/> CTE <input type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input checked="" type="checkbox"/> Science  <p><b>Dual Credit Course: 1.0 total credit, fulfills Science (Anatomy and Physiology) &amp; CTE</b></p>

	operations. Students work through interesting real-world cases and play the role of biomedical professionals to solve medical mysteries.	
5347	<p>➔ <b>PLTW – Medical Interventions (Year 3)</b></p> <p>Students investigate a variety of interventions involved in the prevention, diagnosis and treatment of disease as they follow the life of a fictitious family. This course is a how to manual for maintaining overall health and homeostasis in the body. Students explore how to prevent and fight infection; screen and evaluate the code in human DNA; prevent, diagnose and treat cancer; and prevail when the organs of the body begin to fail. Through these scenarios, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics.</p>	<input checked="" type="checkbox"/> CTE <input type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input checked="" type="checkbox"/> Science  <b>Dual Credit Course: 1.0 total credit, fulfills Science (Anatomy and Physiology) &amp; CTE</b>
5347	<p>➔ <b>PLTW – BioMedical Innovation (Year 4)</b></p> <p>In Biomedical Innovation (BI), the final course of the PLTW Biomedical Science sequence, students build on the knowledge and skills gained from previous courses to design innovative solutions for the most pressing health challenges of the 21st century. Students address topics ranging from public health and biomedical engineering to clinical medicine and physiology. They have the opportunity to work on an independent project with a mentor or advisor from a university, medical facility, or research institution.</p>	<input checked="" type="checkbox"/> CTE <input type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input checked="" type="checkbox"/> Science  <b>Dual Credit Course: 1.0 total credit, fulfills Science (Anatomy and Physiology) &amp; CTE</b>

**Media Arts**

#	Course Title	Credit that can be earned (*other than ELECTIVE credit)
7751	<p><b>Digital Photography</b></p> <p>Capture the world around you in pictures and create a portfolio of your work. In this course you will gain knowledge of fundamental competencies in electronic digital cameras. <b>College credit at SFCC is available</b> for completing course.</p>	<input checked="" type="checkbox"/> CTE <input checked="" type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science  <b>Dual Credit Course: 1.0 total credit, fulfills Art &amp; CTE</b>
7755	<p>➔ <b>Adv Digital Photography</b></p> <p>In this course you will increase knowledge of electronic digital camera competencies. This class may be used for CTE or Art credit. Articulated <b>College credit at SFCC is available</b> for completing the course.</p>	<input checked="" type="checkbox"/> CTE <input checked="" type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science  <b>Dual Credit Course: 1.0 total credit, fulfills Art &amp; CTE</b>
7874	<p>➔ <b>AP Digital Photo ***opportunity to earn college credit***</b></p> <p>Advanced Placement Studio Art 2D is for art students that are interested in completing the AP Digital Photography Portfolio to submit to the College Board to receive college credit. Students are challenged to develop their own work while meeting the requirements for the portfolio as stated by the College Board. This class explores a variety of mediums, subject matters, and styles of digital photography.</p>	<input checked="" type="checkbox"/> CTE <input checked="" type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science  <b>Dual Credit Course: 1.0 total credit, fulfills Art &amp; CTE</b>
7860	<p><b>Yearbook</b></p> <p>Members of this class publish the yearbook. This entails work in photography, graphic design, and creative thinking to put it all together. Since we are publishing a product that will be purchased, there is also an element of advertisement and communication that is very important. There will be work done independently outside of school and/or class time. <b>Special permission of the instructor is required for this course.</b></p>	<input checked="" type="checkbox"/> CTE <input type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science

**Computer Science**

#	Course Title	Credit that can be earned (*other than ELECTIVE credit)
8133	<p><b>PLTW Computer Science Essentials</b></p> <p>Create Apps, games, robots and websites using your new Computation Thinking Skills. Our students are exposed to computer fundamentals and tools allowing you to gain understanding and build confidence. Students use visual, block-based programming (Scratch2) and move to text-based languages such as Python and Arduino coding for robotics.</p>	<input checked="" type="checkbox"/> CTE <input type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science
8293	<p><b>PLTW Computer Science Principles ***opportunity to earn college credit***</b></p> <p>Advanced Placement Computer Science Principles provides instruction in the use of the JAVA-Script programming language to design, write, and analyze APPS in preparation for the AP Computer Science Principles exam.</p>	<input checked="" type="checkbox"/> CTE <input type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input checked="" type="checkbox"/> Math <input checked="" type="checkbox"/> Science  <b>Dual Credit Course: 1.0 total credit, fulfills either Math/Science &amp; CTE</b> <b>**Note: for math credit student must be concurrently enrolled in Algebra II or above</b>

9214	<p>→ <b>PLTW Computer Science A- AP</b> <b>***opportunity to earn college credit***</b></p> <p>Throughout the Computer Science A course experience, students cultivate their understanding of coding through analyzing, writing, and testing code as they explore concepts like modularity, variables, and control structures. Fundamental topics in this course include the design of solutions to problems, the use of data structures to organize large sets of data, the development and implementation of algorithms to process data and discover new information, the analysis of potential solutions, and the ethical and social implications of computing systems. The course emphasizes object-oriented programming and design using the Java programming language. PLTW is recognized by the College Board as an endorsed provider of curriculum and professional development for AP® Computer Science A (AP CSA)</p>	<input checked="" type="checkbox"/> CTE <input type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science
9218	<p>→ <b>PLTW Cyber Security</b></p> <p>Be part of this elite team charged with protecting business and personal information, as well as safeguarding national security! The Cyber Security program focuses on the principles and techniques used to identify, search, seize and analyze digital media as well as to conduct cyber-investigations against criminal and terrorist activity using sound handling and examination procedures.</p>	<input checked="" type="checkbox"/> CTE <input type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science

**Agricultural Science**

#	Course Title	Credit that can be earned ( <i>*other than ELECTIVE credit</i> )
8241	<p><b>Plant Science Year 1 Greenhouse</b></p> <p>Plant science offers students a chance to study plant structure, function, propagation, soil, and greenhouse management in a hands on environment. Throughout this course, students will be able to gain scientific understanding AND practical application knowledge in Spokane Public School’s exclusive operating greenhouse. Students study the extensive opportunities available in the agricultural field and have the option to participate in F.F.A. Career awareness and the development of business and leadership skills are just two of the benefits of FFA.</p>	<input checked="" type="checkbox"/> CTE <input type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input checked="" type="checkbox"/> Science
8243	<p><b>Plant Science Year 2 Floral</b></p> <p>This class is designed to prepare students for a career related to horticulture through “hands on” activities integrating science concepts, chemistry, and botany. Students will work through a series of units developing skills in floriculture, greenhouse production and operation, landscaping, and nursery production. Emphasis will also be given to agri-business skills such as salesmanship and management. Practical experience will be gained through operating the Shadle Park Flower Shop and greenhouses as well as maintaining and beautifying school grounds</p>	<input checked="" type="checkbox"/> CTE <input type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input checked="" type="checkbox"/> Science
8245	<p>→ <b>Plant Science 3- Floral Workshop</b></p> <p>This workshop is an independent study for students who have completed Plant Science-Greenhouse and Plant Science-Floral. Opportunities are provided to develop skills in specialized areas according to personal interests in Plant Science; learning about management, assist in lab preparation and execution, and creating their own projects to expand upon their first two years. See Mrs. Houk to learn more. (<i>*not NCAA approved- do not take if you plan on being an NCAA Division I or Division II athlete</i>)  Prerequisites: Plant Science-Greenhouse &amp; Floral, Instructor approval  Graduation Requirement Credit: CTE  Program of Study: Agriculture</p>	<input checked="" type="checkbox"/> CTE <input type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input checked="" type="checkbox"/> Science



## HEALTH & FITNESS

Health		
#	Course Title	Credit that can be earned (*other than ELECTIVE credit)
8591	<b>Health ***Semester-long course***</b> This required class focuses on a variety of health concepts, skills and behaviors to help you plan for personal and lifelong health goals. You will develop and demonstrate skills, such as analyzing behaviors and their consequences, preventing disease, developing overall wellness, and identifying community health resources. The course includes such topics as nutrition, conflict resolution, Human Growth & Development, emergency situations, stress, addiction and dependency, and diseases. Students will take an EOS assessment at the end of the course.	<input type="checkbox"/> CTE <input type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input checked="" type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science
Fitness		
#	Course Title	Credit that can be earned (*other than ELECTIVE credit)
5911	<b>Intro to Fitness ***Semester-long course***</b> In this first in a series of 3 required semesters of fitness, you will participate in a variety of activities (sports, games, and fitness) in which you will demonstrate competency in activity specific skills; apply knowledge of concepts, principles, strategies and tactics related to movement and performance; demonstrate knowledge and skills to achieve and maintain a health-enhancing level of physical activity and fitness; exhibit responsible personal and social behavior; and recognize the value of physical activity. You will take a look at your individual health behaviors and analyze your current fitness levels, demonstrate your ability to set and adjust individual fitness goals, and create and implement a personal health and fitness plan.	<input type="checkbox"/> CTE <input type="checkbox"/> Arts <input type="checkbox"/> World Language <input checked="" type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science
5912	<b>→ Lifetime Fitness</b> In this required course, you will expand on the concepts and skills in Intro to Fitness. You will refine activity specific skills, apply principles and create strategies to improve performance. You will take a leadership role and apply best practices for creating a safe physical activity environment. You will create, implement, monitor, self-assess, and modify a personal fitness and nutrition plan. The fitness center and heart rate monitors will be used to monitor progress towards fitness goals.	<input type="checkbox"/> CTE <input type="checkbox"/> Arts <input type="checkbox"/> World Language <input checked="" type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science
5935	<b>→ Advanced Conditioning</b> This class is designed for those students who want to continue working towards their fitness goals in the weight room. Students will be expected to demonstrate, evaluate, use and build on skills and knowledge developed in prior fitness classes.	<input type="checkbox"/> CTE <input type="checkbox"/> Arts <input type="checkbox"/> World Language <input checked="" type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science
5934	<b>→ ***Zero Hour*** Advanced Conditioning</b> This class is designed for those students who want to continue working towards their fitness goals in the weight room. Students will be expected to demonstrate, evaluate, use and build on skills and knowledge developed in prior fitness classes.	<input type="checkbox"/> CTE <input type="checkbox"/> Arts <input type="checkbox"/> World Language <input checked="" type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science



## WORLD LANGUAGES

Spanish		
#	Course Title	Credit that can be earned (*other than ELECTIVE credit)
6680	Spanish 1	<input type="checkbox"/> CTE <input type="checkbox"/> Arts <input checked="" type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science

	<p>The first year of a world language is a highly communicative introduction to the language and it is the base upon which levels 2,3,4 and AP are built. Students will learn important vocabulary and grammar and they will be asked to put their knowledge to work in real-life settings. They will be able to talk about their lives, their family and friends, discuss and inquire about weather and pastimes, order food at a restaurant, shop, find their way around a foreign city, and function in new situations. Grammar includes present tense regular and some irregular verbs, adjective agreement, syntax and much more. Students will be reading, writing, listening and speaking every day in class and they will be studying the culture target language as well as their customs.</p>	
6682	<p>→ <b>Spanish 2</b>  Second year study enables students to expand vocabulary and explore the target language using more complicated structures and systems such as past tenses and reflexive verbs, . As students increase their ability to understand, they will be speaking with more confidence and complexity. In addition, they will read short selections and stories at more advanced levels. They will be able to talk about where they live, life after school, clothing, technology, vacations by plane and train and family celebrations. Classwork will be conducted in the language as much as possible to provide practice in expression and comprehension. Students’ cultural awareness expands through a multimedia, hands-on approach.</p>	<input type="checkbox"/> CTE <input type="checkbox"/> Arts <input checked="" type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science
6820	<p>→ <b>Spanish 3</b> (College in the High School course) <b>***opportunity to earn college credit***</b>  This rigorous college course begins with a review and then it goes broader and deeper, covering more vocabulary, grammar, and culture than regular 3rd year. Students will read authentic pieces of literature, watch, and comprehend foreign films, podcasts and online news programs, learn more complicated vocabulary, grammar, syntax and speak and learn totally in the target language. Third year CHS language study offers students the opportunity to go far beyond the basics and attain a higher level of fluency and competency in all language skills in the classroom all while earning 5 college credits. Activities may include creative, self-directed projects and presentations. The course ends with the college’s End of Course Assessment. Students will be required to communicate predominantly in the language. When completed, the students will be ready for 4th year of the language and then on to AP.</p>	<input type="checkbox"/> CTE <input type="checkbox"/> Arts <input checked="" type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science
6692	<p>→ <b>Spanish 4 Honors</b>  Fourth-year courses enable students to attain a high degree of proficiency in speaking, reading, writing and understanding the language. Practice in listening, conversation skills and reading novels in the target language is emphasized along with deeper understanding of history and traditions. Students learn advanced grammar and syntax such as highly irregular past tense verbs, progressive tenses, the subjunctive in all its forms, the passive voice and all perfect tenses. In addition, the text studies many places/areas of the Spanish-speaking world, looking at each region’s culture, geography and history. You will also work with authentic news articles that come from that part of the world as well as poetry and prose that originates from the area being studied. The classes are conducted entirely in the target language.</p>	<input type="checkbox"/> CTE <input type="checkbox"/> Arts <input checked="" type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science
6800	<p>→ <b>AP Spanish</b> <b>***opportunity to earn college credit***</b>  AP Language and Culture is intended for students in their 4<sup>th</sup>/5<sup>th</sup> year of language study. The target language is the exclusive language of communication in the course, where students are immersed in an environment enriched by authentic materials (literature, online journals, newspaper articles, podcasts music, film), guest speakers from our own community, and active teacher-student and student-student communication. The focus of the course is to prepare students to use the target language as effective communicators in real life settings via variety of opportunities to achieve proficiency in each of ACTFL’s (American Council on the Teaching of Foreign Language) three modes of communication. Focus will center on the six themes of every AP language course: Beauty and Aesthetics, Contemporary Life, Families and Communities, Global Challenges, Personal and Public Identities and Science and Technology. Throughout the course, students will engage in discussions, reflective writing, and prepare presentations in which they will make cultural comparisons regarding the products, practices, and perspectives of countries where their language is spoken and those of their own communities. Literature, arts, and media will give students exposure to practices and perspectives of many other countries around the world.</p>	<input type="checkbox"/> CTE <input type="checkbox"/> Arts <input checked="" type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science
<b>French</b>		

#	Course Title	Credit that can be earned (*other than ELECTIVE credit)
6180	<b>French 1:</b> The first year of a world language is a highly communicative introduction to the language and it is the base upon which levels 2,3,4 and AP are built. Students will learn important vocabulary and grammar and they will be asked to put their knowledge to work in real-life settings. They will be able to talk about their lives, their family and friends, discuss and inquire about weather and pastimes, order food at a restaurant, find their way around a foreign city, and function in new situations. Grammar includes present tense regular and some irregular verbs, adjective agreement, syntax and much more. Students will be reading, writing, listening and speaking every day in class and they will be studying the culture of the people who speak the target language as well as their customs.	<input type="checkbox"/> CTE <input type="checkbox"/> Arts <input checked="" type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science
6182	<b>→ French 2</b> Second year study enables students to expand vocabulary and explore the target language using more complicated structures and systems such as past tenses, future tense and reflexive verbs, . As students increase their ability to understand, they will be speaking with more confidence and complexity. In addition, they will read short selections and stories at more advanced levels. They will be able to talk about where they live, life after school, clothing, vacations and professions. Classwork will be conducted in the language as much as possible to provide practice in expression and comprehension. Students' cultural awareness expands through a multimedia, hands-on approach.	<input type="checkbox"/> CTE <input type="checkbox"/> Arts <input checked="" type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science
6210	<b>→ French 3 Honors</b> The third year of language is the year when all the pieces of language come together. Students will read authentic pieces of literature, watch and comprehend foreign films, learn sophisticated vocabulary, gram- mar, syntax and speak and learn totally in the target language. Third year language study offers students the opportunity to go beyond the basics and attain a higher level of fluency and competency in all language skills. Grammar includes compound tenses, the Subjunctive, double object pronouns and the comparative and superlative. Activities may include creative, self-directed projects and presentations. Students will be encouraged to communicate predominately in the language.	<input type="checkbox"/> CTE <input type="checkbox"/> Arts <input checked="" type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science
6212	<b>→ French 4 Honors</b> Fourth-year courses enable students to attain a high degree of proficiency in speaking, reading, writing and understanding the language. Practice in listening, conversation skills and reading novels in the target language is emphasized along with deeper understanding of history and traditions. Students learn advanced grammar and syntax and classes are conducted entirely in the target language.	<input type="checkbox"/> CTE <input type="checkbox"/> Arts <input checked="" type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science



SPECIAL PROGRAMS		
AVID		
#	Course Title	Credit that can be earned (*other than ELECTIVE credit)
9204	<b>Leadership</b> Leadership students study the basic qualities of leadership and its role both in school and in the community. They learn to run ASB meetings, plan school activities, set the tone for school spirit and the schools' place in the community, as well as explore the challenges and opportunities that come with leadership while carrying on the schools' tradition of excellence. Grades for students in this class are made up of (1) leading student activities, (2) volunteering time tutoring students after school, and (3) volunteering time in the greater Shadle Park community with emphasis on our feeder schools.	<input type="checkbox"/> CTE <input type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science



9221	AVID 9	<input type="checkbox"/> CTE <input type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science
9223	AVID 10	<input type="checkbox"/> CTE <input type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science
9225	AVID 11	<input type="checkbox"/> CTE <input type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science
9227	AVID 12	<input type="checkbox"/> CTE <input type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science

**Credit Recovery**

#	Course Title	
702	iCAN 6 <sup>th</sup> Period	Students may earn <b>0.5 elective credit per semester</b> for additional work within this course.
706	iCAN 7 <sup>th</sup> Hour	Students <b>DO NOT</b> earn additional credit for these classes beyond the courses in which they are retrieving credit.

**Academic Support Classes**  
\*\*\*students may be assigned these courses via recommendation from teacher/counselor\*\*\*

#	Course Title	Credit that can be earned (*other than ELECTIVE credit)
3223	Math Lab	<input type="checkbox"/> CTE <input type="checkbox"/> Arts <input type="checkbox"/> World Language <input type="checkbox"/> Fitness/PE <input type="checkbox"/> Health <input type="checkbox"/> Math <input type="checkbox"/> Science

**Special Education Courses**

9701	<b>English 9 Targeted</b> <b>**Special Education Program/IEP Goal Area Required for Placement***</b> This course provides intensive reading and writing intervention for students who have a Reading goal and requires specially designed instruction. The curriculum content is aligned with district approved 9th grade curriculum.
9702	<b>English 10 Targeted</b> <b>**Special Education Program/IEP Goal Area Required for Placement***</b> This course provides intensive reading and writing intervention for students who have a Reading goal and requires specially designed instruction. The curriculum content is aligned with district approved 10th grade curriculum.
9703	<b>English 11 Targeted</b> <b>**Special Education Program/IEP Goal Area Required for Placement***</b> This course provides intensive reading and writing intervention for students who have a Reading goal and requires specially designed instruction. The curriculum content is aligned with district approved 11th grade curriculum.
9904	<b>English 12 Targeted</b> <b>**Special Education Program/IEP Goal Area Required for Placement***</b> This course provides intensive reading and writing intervention for students who have a Reading goal and requires specially designed instruction. The curriculum content is aligned with district approved 12th grade curriculum.
9740	<b>Algebra 1 Targeted</b> <b>**Special Education Program/IEP Goal Area Required for Placement***</b> Algebra will weave together a variety of concepts, procedures and processes in mathematics. This course prepares students for algebra—perfect for students who have struggled previously with math. It provides explicit instruction on essential algebra content including strategies for solving straight line equations, exponents, signed numbers, facility with fractions, decimals and percents, data tables and graphs, and a wide range of word problems involving rate, proportion, probability, and algebraic solutions. Curriculum aligns with district approved Algebra curriculum.
9742	<b>Geometry Targeted</b> <b>**Special Education Program/IEP Goal Area Required for Placement***</b> Students will explore the basic concepts and methods of Geometry while deepening understanding about plane and solid geometry. This course is offered to students who have struggled with math. It provides explicit instruction on essential and basic geometry content including strategies for solving straight-line equations, exponents, signed numbers, facility with fractions, decimals and percents, data tables and graphs, and a wide range of word problems involving rare, proportion, probability, and algebraic solutions. Curriculum aligns with district approved Geometry curriculum.
9748	<b>Math Year 3 Targeted</b> <b>**Special Education Program/IEP Goal Area Required for Placement***</b> This course provides explicit instruction with a continued emphasis on problem solving related to mathematical applications seen in the world. This course is designed for students with IEP goals in math who have already completed Algebra and Geometry targeted. IEP goals and objectives are addressed.
9733	<b>Consumer Math Targeted A</b> <b>**Special Education Program/IEP Goal Area Required for Placement***</b> This course provides explicit instruction with a continued emphasis on problem solving related to real world mathematical applications seen in the world. This course is designed for students with IEP goals in math who have already completed Algebra and Geometry targeted. IEP goals and objectives are addressed.



7400	<b>Foods and Nutrition SDI</b> <b>**Special Education Program/IEP Goal Area Required for Placement***</b> Learn to make informed decisions about what to eat as well as proper methods of preparation. Foods and Nutrition uses the newest technology to help you manage food resources. Cooking skills, safety, and nutrition are just a few focus areas of this class. Content includes food artistry, global food issues, and kitchen management Prerequisite: Current IEP Graduation Requirement Credit: Elective or CTE
8315 (10 <sup>th</sup> -12 <sup>th</sup> )	<b>Career Focus</b> <b>**Special Education Program/IEP Goal Area Required for Placement***</b> You will understand and be able to use the skills, work habits, and attitudes necessary to succeed in the world of work by taking this course. Applied economics, job search and retention, business math, human relations, problem solving and communications are among the components of this class. Prerequisite: Student must have a current IEP with identified post-secondary goal that is addressed through the course. Graduation Requirement Credit: Elective or CTE
9773	<b>Social Skills</b> <b>**Special Education Program/IEP Goal Area Required for Placement***</b> Students will learn to appropriately meet and greet others, generate and participate in conversations, and respond appropriately while interacting with peers, authority figures, and co-workers. Students will learn and practice acceptable behavioral patterns to use when encountering various social situations. IEP goals and objectives are addressed.
9525 (9 <sup>th</sup> -10 <sup>th</sup> )	<b>Career and Academic Prep (CAP)</b> <b>**Special Education Program/IEP Goal Area Required for Placement***</b> This course will offer students, with an IEP; individualized teacher directed specially designed instruction in their content eligible areas. Students complete required course work, define transition goals as part of their IEP specific to areas of interest and movement towards postsecondary pursuits. Students will develop their independent learning skills as they respond to opportunities for self-evaluation and navigation of high school responsibilities and expectations. Students will develop life skills such as attendance, punctuality, organization, responsibilities, attitude, behavior management and effort, goal setting, self-monitoring, communication, note taking, test taking, textbook usage, understanding needed accommodations, and increase self-advocacy skills.
9527 (10 <sup>th</sup> -12 <sup>th</sup> )	
<b>ELD English Courses</b>	
1261	<b>Edge English 1</b> <b>**EDGE Testing, ELD Program Enrollment Required**</b> Edge English 1 aligns with ELA and ELP standards and is designed for students in the early production/ beginning speech emergent stages of second language acquisition. This class utilizes the Fundamentals curriculum provided by National Geographic/CENGAGE Learning. Students in EDGE English 1 will take ELD 1 concurrently. (PreRequisites: Below 80% on Edge Phonics/Decoding Assessment OR Lexile levels 10-485 on Edge Placement Test).
1262	<b>Edge English 2</b> <b>**EDGE Testing, ELD Program Enrollment Required**</b> This course aligns with ELA and WIDA standards and is designed for students in the speech emergent stage of second language acquisition. This class utilizes the Level A curriculum provided by National Geographic/CENGAGE Learning. Students in EDGE English 2 will take ELD 2 concurrently. (Pre-Requisites: Lexile levels 520 – 735 on Edge Placement Test).
1263	<b>Edge English 3</b> <b>**EDGE Testing, ELD Program Enrollment Required**</b> Edge English 3 aligns with ELA and WIDA standards and is designed for students in the advanced speech emergent/beginning intermediate fluency stage of second language acquisition. This class utilizes the Level B, Volume 1 curriculum provided by National Geographic/CENGAGE Learning. (Pre-Requisites: Lexile levels 770 – 875 on Edge Placement Test)
1264	<b>Edge English 4</b> <b>**EDGE Testing, ELD Program Enrollment Required**</b> This course aligns with ELA and WIDA standards and is designed for students in the intermediate fluency stage of second language acquisition. This class utilizes the Level B, Volume 2 curriculum provided by National Geographic/CENGAGE Learning. (Pre-Requisites: Lexile levels 915 - 1065 on Edge Placement Test)
1289	<b>Edge English 5</b> <b>**EDGE Testing, ELD Program Enrollment Required**</b> Edge English 5 aligns with ELA and WIDA standards and is designed for students at the beginning of the advanced fluency stage of second language acquisition. This class utilizes the Level C curriculum provided by National Geographic/CENGAGE Learning. (Pre-Requisites: Lexile levels 1130 - 1220 on Edge Placement Test)
1265	<b>ELD 1</b> ELD 1 is an English language development course that accompanies EDGE English 1. The course uses Edge Fundamentals. (Pre-Requisites: Meets prerequisites for EDGE English 1; Enrolled concurrently in EDGE English 1)
1291	<b>ELD 2</b> ELD 2 is an English language development course that accompanies ELD English 2. The course uses Edge Level A curriculum. (Pre-Requisites: Meets pre-requisites for EDGE English 2; Enrolled concurrently in EDGE English 2)
2266	<b>Gateway to World History</b> Gateway to WH explores world history, human migration, and globalization. This course utilizes scaffolding and differentiation strategies appropriate for beginning multilingual English learners and meets the high school graduation requirement for World History. (Pre-Requisites: Meets the pre-requisites for EDGE English 1 or EDGE English 2; Enrolled concurrently in EDGE English 1 and ELD 1 or EDGE English 2 and ELD 2)
2264	<b>Gateway to US History</b> Gateway to USH explores the major themes and movements in US history from exploration to the present. This course utilizes scaffolding and differentiation strategies appropriate for beginning to intermediate multilingual English learners and meets the high school graduation requirements for US History. (Pre-Requisites: Meets the pre-requisites for EDGE English 1 or EDGE English 2; Enrolled concurrently in EDGE English 1 and ELD 1 or EDGE English 2 and ELD 2)
1260	<b>ELD English Newcomer</b> ELD Eng Newcomer is an intensive beginning class offered at the ELD Newcomer Center for high school aged students who are new English speakers and are just starting their education in the United States. This class utilizes the Inside the USA Newcomer curriculum and is meant

	for students at the earliest levels of English language proficiency: preproduction and early production. (Pre-Requisites: Newly arrived students who score at the Newcomer Level on the Edge placement test)
1304	<b>ELD Newcomer Reading Foundations</b> ELD Newcomer Reading Foundations is an entry level reading course offered to beginning multilingual English learners at the high school Newcomer center. It focuses on the development of concepts of print, decoding skills, and comprehension strategies necessary to read successfully in English and is designed to accompany the Newcomer English Language Development curriculum. This class utilizes the Inside Phonics curriculum. (Pre-Requisites: Newly arrived students who score at the Newcomer Level on the Edge placement test)



## SHADLE PARK COURSE OFFERINGS 24-25

ENGLISH COURSES			
9 <sup>th</sup> Grade:	10 <sup>th</sup> Grade:	11 <sup>th</sup> Grade:	12 <sup>th</sup> Grade:
English 9 (1201) English 9 Honors (1251)	English 10 (1203) English 10 Honors (1253)	English 11 (1205) AP English Language (1255)	BTC English (1209) AP English Literature (1257)
		Creative Writing (1272) Mythology (1274)	Native American Lit CiHS (1229) African American Lit CiHS (8154)

MATH COURSE PROGRESSIONS				
	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
<b>Progression #1</b>	Geometry (3306)	Algebra 1 (3303)	Algebra 2 (3352)	Algebra 2 (3352) Pre-Calculus CiHS (3831) Math 107 CiHS (3843) AP Statistics (3860) BTC Math (3345)
<b>Progression #2</b>	Geometry (3306)	Algebra 1 (3303)	Intermediate Math (3331)	BTC Math (3345) Algebra 2 (3352)
<b>Progression #3</b> <i>*student took Alg 1 in middle school</i>	Geometry (3306)	Algebra 2 (3352)	Pre-Calculus CiHS (3831) Math 107 CiHS (3843) AP Statistics (3860)	AP Calculus AB (3505) AP Calculus BC (3507) Math 107 CiHS (3843) AP Statistics (3860)
<b>Progression #4</b> <i>**student took Alg 1 and Geo in middle school</i>	Algebra 2 (3352)	Pre-Calculus (3831)	AP Calculus AB (3505) AP Calculus BC (3507)	Math 107 CiHS (3843) AP Statistics (3860)

SCIENCE COURSE PROGRESSIONS				
	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
<b>Progression #1</b>	Biology (5445) Biology MESA (5321)	Chemistry (5311) Chemistry MESA (5323) AP Biology (5207) Physics (5511) PLTW Bio-Med Year 1 (5307)	Chemistry (5311) Physics (5511) Anatomy & Physiology (5203)	AP Biology (5207) AP Chemistry (5313) AP Physics (5517) AP Environmental Science (5523)
<b>Progression #2</b>	PLTW Bio-Med Year 1 (5307)	PLTW Bio-Med Year 2 (5390)	PLTW Bio-Med Year 3 (5347)	PLTW Bio-Med Year 4 (5349)

### SOCIAL STUDIES COURSES

9 <sup>th</sup> Grade:	10 <sup>th</sup> Grade:	11 <sup>th</sup> Grade:	12 <sup>th</sup> Grade:
<p>***Students are not required to take a Social Studies course in the 9<sup>th</sup> grade, but may take:</p> <p>AP Human Geography (2310)</p>	<p>World History (2203) AP World History (2243)</p>	<p>US History (2276) US History Perspectives CiHS (2317) AP US History (2255) AP Capstone: Seminar (2300/2301)</p>	<p>Civics/CWA (2303/2207) AP US Government &amp; Politics (2305) → AP Capstone: Research (2307)</p>



## SHADLE PARK COURSE OFFERINGS 23-24

### ARTS & MUSIC COURSES

Fine Arts Courses:		Performing Arts Courses:	
<p>Drawing/Sculpting/Painting (4201) → Intermediate Drawing (4221) → Intermediate Painting (4231) → AP Studio Art: Drawing (4345)</p>	<p>Ceramics (4311) → Adv. Ceramics (4313)</p>	<p>Vocal Small Ensemble (4621) Intermediate Choir (4613) → Advanced Choir (4615) → <b>Jazz Choir (Zero-Hour) (4623)</b> Piano Lab (4860) Guitar Lab (4855)</p>	<p>Band/Wind Ensemble (4772) → <b>Advanced Jazz Band (Zero-Hour) (4776)</b> Percussion Ensemble (4780) Intermediate Orchestra (4789) → Adv. Orchestra (4790)</p> <p>Drama/Theatre (1601) → Adv. Drama/Theatre (1607) Stagecraft (7850) → Adv Musical Theater (4626)</p>

### CAREER & TECHNICAL EDUCATION (CTE) COURSES

Business Pathway:	Manufacturing Pathway:	Media Arts Pathway:
<p>Business &amp; Marketing (8371) → Adv. Business &amp; Marketing (8373) → Store Operations &amp; Management (8374) → <b>Store Operations &amp; Management (Zero-Hour) (8374Z)</b> → Independent Business Project (8263)</p> <p>Web Design (8215)</p>	<p>Woods &amp; Comp. (7561) → Adv. Woods &amp; Comp. (7568) Metals &amp; Comp. (7551) → Adv. Metals &amp; Comp. (7558) Aerospace Manufacturing (8140) → Aerospace Year 2 (8142)</p>	<p>*Digital Photography (7751) → Adv Digital Photography (7755) → AP Digital Photography (7874)</p> <p>Yearbook (7860)</p>
Education/Childcare Pathway:	Nutrition/Culinary Pathway:	Athletic Training Pathway:
<p>Child Development (8560) → Early Childhood Education (8561) → Teaching Academy (9295)</p>	<p>Foods &amp; Nutrition (8575) → Culinary Pro Start 1 (8568) → Culinary Pro Start 2 (8588)</p>	<p>Sports Medicine (7772) → Adv. Sports Medicine (7776)</p>
Agricultural Pathway:	Computer Technology Pathway:	Automotive Pathway:
<p>Plant Science 1 Greenhouse(8241) Plant Science 2 Floral (8243) → Plant Science 3/Workshop (8245)</p>	<p>PLTW Computer Science Essentials (8133) PLTW Computer Science Principles (8293) → AP Computer Science A (9214) → PLTW Cyber Security (9218)</p>	<p>Auto Mechanics Technology (7251) → Adv. Auto Mechanics Technology (7271)</p>
Military Studies/JROTC	Work Based Learning	STEM-Biomedical
<p>Military Studies 100 (2291) → Military Studies 200 (5325) → Military Studies 300 → Military Studies 400 (9179)</p>	<p>→ Business Education Worksite Exp. (8277)</p>	<p>PLTW 1,2,3,4 (see science section)</p>

### FITNESS & HEALTH COURSES

<p>Intro to Fitness (5911) Health (5920)</p>	<p>→ Lifetime Fitness (5912) → Advanced Conditioning (5935)</p>	<p>→ <b>Advanced Conditioning (Zero-Hour) (5934)</b></p>
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**WORLD LANGUAGE COURSES**

<b>Spanish:</b>	<b>French:</b>	<b>Chinese:</b>
Spanish 1 (6680) Spanish 2 (6682) Spanish 3 CiHS (6820) Spanish 4 Honors (6692) AP Spanish (6800)	French 1 (6180) French 2 (6182) French 3 Honors (6210) French 4 Honors (6212)	Chinese 1 (6802) Chinese 2 (6804) Chinese 3 Honors (6814) Chinese 4 Honors (6816)

**ELECTIVE COURSES**

AVID 9 (9221) AVID 10 (9223)	AVID 11 (9225) AVID 12 (9227)	Leadership (9284) AP Psychology (2288) Debate (1511)
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