



Program Planning Guide

Middle School & High School 2022-2023

Student Guiding Principles

Honesty

Truthfulness to oneself and others in both words and actions



Respect

Treating others as you wish to be treated

Responsibility

Doing what you're supposed to do when it needs to be done, even when no one is watching

Trustworthiness

Exhibiting dependable behaviors

Students Prepared for *Their* Future

Parent/Patron Guiding Principles

Positive Role Models

Setting a good example in words and actions



Effective Communicators

Actively listening, seeking to understand and proactively interacting with children and other adults

Respect For All

Treating all others as you wish to be treated

Advocates For Education

Demonstrating the importance of learning and encouraging academic and personal excellence

Active Involvement

Making children a priority by being informed and participating in all aspects of the lives of our children

Students Prepared for *Their* Future



Staff/Board Guiding Principles

· Children First

· Respect for All

· Teamwork

· Excellence & Quality

· Commitment to Individual Needs



Students Prepared for *Their* Future

Olathe Public Schools is a partnership of staff, students, parents, and the community.

Our Vision

Students prepared for *their* future!

Our Mission

To provide a safe, positive environment where all students acquire knowledge and skills to be productive citizens.

Students Prepared for *Their* Future

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Disclaimer

The Olathe Public Schools makes every effort to ensure that the information in this Program Planning Guide is informative and accurate.

Enrollment patterns and budget decisions may affect the availability of courses. Changes in policies, new statutes, or other factors can result in incorrect or incomplete information.

This Program Planning Guide should in no way be seen as a contract, but as a guideline for students as they move through their high school years.

INTRODUCTION

Welcome to the Olathe Virtual School Program Planning Guide. This booklet offers a listing and a description of the many courses offered at OVS 6-12. Planning a high school program of study is a serious matter. Also, not every course will be offered each year due to the level of student interest and the availability of staff to teach the subject. Requirements for post secondary options and programs have been included to assist planning.

The purpose of this booklet is to assist in two areas:

1. Provide the information necessary to plan a high school course of study. This plan of study should consider all of the things that **MUST** be done to balance one's wants and to connect to future career goals.
2. Provide current information regarding course options available during the coming school year. With a plan, these courses should help achieve desired outcomes from high school.

The course selections made now can have a great influence on postsecondary plans. Students and parents are encouraged to read carefully the information contained in this guide. Do not hesitate to ask questions of a school counselor or a teacher.

THINGS TO CONSIDER

Before making course selections, be sure to read (or reread) all of the sections that apply.

- Remember that it is the student's responsibility to ensure that all requirements are met according to district's guidelines.
- If anticipating attending college and/or playing college sports, be sure to read the sections pertaining to the Kansas Qualified Admissions Requirements and NCAA Eligibility.

Students are encouraged to use the information obtained from the various assessments while in the Olathe Public Schools. Helpful information can be obtained from looking at:

- The career interest and skills assessments taken through the XELLO software at <https://xello.world/en/>
- State Assessment reports
- Nationally standardized tests such as the MAP, ACT, SAT, or PSAT



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for *Their* Future**
Olathe Public Schools

HIGH SCHOOL GRADUATION

Course Requirements

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Requirements for the Classes of 2022 and beyond

1. The minimum requirement for an Olathe high school diploma is 24 credits.
 - a. Definition: Depending on the course and nature of course delivery, units of credit will be awarded in increments of one full (1.0) or one-half (.5) credit.
 - b. Twenty-four (24.0) credits required for graduation include:
 - 1) Four (4) credits in English
 - 2) One (1) credit in Applied Communication
 - 3) Three (3) credits in Social Studies. Required credits are
 - a.) Modern World History (1 credit - grade 9)
 - b.) U.S. History (1 credit - grade 11)
 - c.) U.S. Government (.5 credit - grade 12)
 - d.) Social Studies elective (.5 credit - all grades)
 - 4) Three (3) credits in Mathematics.
 - 5) Three (3) credits in Science. Required credits are
 - a.) Life Science (1.0 credit)
 - b.) Physical Science (1.0 credit)
 - c.) Science elective (1.0 credit)
 - 6) One (1) credit in Physical Education
 - 7) One (1) credit in Fine Arts
 - 8) One (1) credit in Practical & Consumer Studies
 - 9) 0.5 credit in Technology
 - 10) 0.5 credit in Consumer & Personal Finance
 - 11) Six (6) elective credits
2. Students must meet Olathe graduation requirements to be eligible to participate in the graduation exercises.
EXCEPTION: Seniors who transfer from other school districts and who have been on track to meet graduation requirements in their former school, but cannot meet the twenty-four (24) Olathe unit requirement, will be allowed to graduate with their class. The transfer student must meet the minimum requirements of the Kansas Department of Education.
3. Students should be advised that any credit earned after their eighth grade year will be counted as senior high credit and will be on the high school transcript. Example: Driver Education.
4. The weighted grading system outlined on page 9 will be used to determine all Olathe student honors and distinctions.

KANSAS QUALIFIED ADMISSIONS

Quick Facts

What are Qualified Admissions?

Qualified Admissions (QA) are a set of standards used by the six state universities to review applicants for undergraduate admission. The universities that use QA are Emporia State University, Fort Hays State University, Kansas State University, Pittsburg State University, the University of Kansas, and Wichita State University. These standards are set by the Kansas Board of Regents, the governing body for the state universities. It is important to note that our Olathe Graduation Requirements must be met to graduate from Olathe Public Schools. Please consult your student's school counselor with any questions.

What are the Qualified Admissions standards?

2020-2021 and After



Qualified Admissions

The six state universities in Kansas--Emporia State University, Fort Hays State University, Kansas State University, Pittsburg State University, The University of Kansas, and Wichita State University--use the standards below, set by the Kansas Board of Regents, to review applicants for undergraduate admission.

ACCREDITED HIGH SCHOOL

Freshmen applicants, aged 21 & younger, who graduate from an accredited high school, will be guaranteed admission to six state universities by meeting the Qualified Admissions requirements designated by each university, as follows:

ESU, PSU, FHSU, & WSU:

- ACT 21+ (SAT 1060) or Cumulative GPA 2.25+*
- Cumulative GPA 2.0+ for College Credit earned in High School

K-State:

- ACT 21+ (SAT 1060) or GPA 3.25+*
- Cumulative GPA 2.0+ for College Credit earned in High School

KU:

- ACT 21+ (SAT 1060) and Cumulative GPA 3.25+
or ACT 24+ (SAT 1160) and Cumulative GPA 3.0+*
- Cumulative GPA 2.0+ for College Credit earned in High School

KANSAS SCHOLARS CURRICULUM IS RECOMMENDED BUT NOT REQUIRED: To best prepare for the rigor of college level courses, following Kansas Scholars curriculum is recommended.

One unit is equivalent to one year, or two semesters:



English
4 units



Math
4 units
1 unit of each:
Algebra I, Geometry,
Algebra II
1 unit: Advanced Math
See [KS Scholars page](#)
for Math course list



Social Science
3 units
1 unit of U.S. History
.5 unit of U.S. Gov
.5 unit of World History
1 unit: Social Science course
See [KS Scholars page](#) for
Social Science course list



Science
3 units
1 unit of each:
Biology, Chemistry &
Physics



World Language
2 units of the same
language

High School Graduates Academic Year

[Kansas Scholars Page](#)

COVID-19 Admission Changes

KBOR institutions are making accommodations for students unable to take ACT tests.

Contact each institution to see about test optional policies

For more information about Qualified Admissions, visit Kansas Board of Regents

<https://kansasregents.org/students/admissions>

KANSAS SCHOLAR CURRICULUM & STATESCHOLAR

Quick Facts

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What is the Kansas Scholars Curriculum?

The Kansas Scholars Curriculum is one of the requirements Kansas residents must meet in order to receive State Scholar designation during the Senior year. This curriculum is NOT the same as the Qualified Admissions Curriculum.

What are the other requirements to become a State Scholar?

- Students must have taken the ACT between April of the sophomore year and December of the senior year.
- Students must be a Kansas resident.
- Students must have their curriculum and 7th semester GPA certified by the high school.

What is the benefit of completing the Kansas Scholars Curriculum?

Students who complete the curriculum and meet the other requirements, may be designated as State Scholars, which makes them eligible to receive State Financial Aid as provided by the Kansas Legislature.

The academic profile of scholars usually includes an average ACT of 30 and an average GPA of 3.90.

State Scholars may receive up to \$1,000 annually for up to four undergraduate years (five, if enrolled in a designated five-year program) based on financial need and the availability of State funds.

How is financial need determined?

Financial need is measured by the using data submitted on the FAFSA.

For more information about the Kansas Scholars Curriculum or State Scholar designation, contact the Kansas Board of Regents visit:

https://www.kansasregents.org/students/student_financial_aid/kansas_scholars_curriculum

Kansas Scholars Curriculum	
English	4 units
Science	3 units 1 unit of each: <ul style="list-style-type: none"> • Biology • Chemistry • Physics <i>A fourth year of science is recommended.</i>
Math	4 units 1 unit of each: <ul style="list-style-type: none"> • Algebra 1* • Geometry or Honors Geometry • Algebra 2 or Honors Algebra 2 • Advanced Math with Algebra 2 or Honors Algebra 2 as a prerequisite. <i>*Algebra taken in the 8th Grade is accepted; however, 4 years of additional math must be completed.</i>
Social Studies	3 units <ul style="list-style-type: none"> • 1 unit of US History • 0.5 unit of US Government • 0.5 unit of World History • 1 unit Social Studies course
World Language	2 units of one world language. <i>Languages courses completed in middle school do NOT fulfill the requirement.</i>

Admissions Info:

Contact the Office of Admissions at any Regents university for additional admissions information.

Emporia State University
<http://www.emporia.edu>

University of Kansas
<http://www.ku.edu>

Pittsburg State University
<http://www.pittstate.edu>

Kansas State University
<http://www.k-state.edu>

Fort Hays State University
<http://www.fhsu.edu>

Wichita State University
<http://www.wichita.edu>

DUAL ENROLLMENT

GUIDELINES:

Advanced Placement (AP) Information:

Advanced Placement (AP) is an internationally recognized standard of academic excellence that provides the following benefits to students:

- AP can enhance a student's opportunity for scholarships and career possibilities.
- AP can enhance a student's opportunity to receive admission into recognized universities and post-secondary programs.
- AP can reduce college costs and the time required to obtain a degree by providing post-secondary credit for courses and examinations completed successfully in high school. AP exams are given in May and scored by the Educational Testing Service. Students are encouraged to take AP exams to demonstrate successful AP course completion.

Note: Honors coursework provides a critical alignment with AP course success. AP exams are strongly encouraged. Each college or university determines which AP examination/score will be accepted.

BAKER UNIVERSITY AND OVS PARTNERSHIP:

10th-12th graders can take academic courses in high school through Baker exclusively at OVS. Help your high school student get a head start on their college education and save money on their degree with our new online concurrent credit courses.

Baker University aims to educate and nurture students who will go out into the world and change their communities. As part of that mission, we are extending our reach and building a stronger pathway for high school students to jump-start their college education through our new online concurrent credit program. Now with more flexibility online, students in our concurrent credit program can earn college credit from Baker University and complete high school requirements at the same time. Students in the online concurrent credit program will experience college-level work with layers of support and gain firsthand knowledge about the exciting opportunities at Baker.

By participating, students may also be eligible for a \$50,000 scholarship over four years when they attend Baker full time after high school. Baker Concurrent Credit course registration is simple and straight forward! There is no application or pre-approval procedure to register for Baker concurrent credit courses. However, we will strictly enforce our minimum 3.00 GPA requirement via verification through your counselor. For virtual courses, please visit with your school counselors to confirm virtual courses you plan to ensure that the virtual concurrent college credit can be applied to your high school transcript.

Courses can vary year to year, so please work with the OVS Counselor to determine what is available each school year.

GRADING GUIDELINES:

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Grade Point Average

The Olathe Public Schools will award credit to all grades of A, B, C, and D. A grade of F will not be awarded credit. Grades are assigned the following numerical values:

A=4
B=3
C=2
D=1
F=0

Those numerical values are used to determine a student's unweighted grade point average. A letter grade with a + or a - symbol will receive the same numerical value as a grade without a symbol.

A student's unweighted GPA is figured by assigning a numerical value to each semester grade (quarter grades are not used to determine a student's GPA) and dividing that number by the number of classes taken.

Weighted Grades

Weighted courses represent the most rigorous learning standards and content requiring the highest level of student performance and time commitment. The weighted grading system is used to determine academic student honors and distinctions. Note to students transferring from other districts: Olathe provides weighted credit only for advanced courses so designated by the Olathe weighting system. A weighted grade can be attained for the courses below by achieving class grades of A, B, or C. All courses on the list below have an equal weighted grade value. The weighted grade formula is figured by using the standard grade point average and adding weighted value. The weighted value is computed by taking the number of weighted courses and dividing it by the number of semesters multiplied by seven: $\text{Weighted GPA} = (\text{GPA}) + (\# \text{ of Weighted Courses with grades of A, B, or C}) / 7 (\# \text{ of semesters})$.

****NOT ALL OF THESE COURSES ARE AVAILABLE AT OVS****

- | | | | |
|---|----------------------------|-------------------------------|-------------------------------|
| • Honors Algebra II | • AP Environmental Science | • AP Studio Art: 2-D Design | • Japanese IV |
| • Adv. Biotechnology: Cellular & Molecular II | • AP European History | • AP Studio Art: 3-D Design | • Linear Algebra |
| • AP Biology | • AP French V | • AP Studio Art: Drawing | • Multivariable Calculus |
| • AP Calculus AB | • AP Music Theory | • AP United States History | • Honors Biology |
| • AP Calculus BC | • AP Physics II | • AP US Government & Politics | • Honors Chemistry |
| • AP Chemistry | • AP Physics C | • AP/College Physics I | • Honors English I |
| • AP Computer Science A | • AP Psychology | • German IV | • Honors English II |
| • AP Computer Science Principles | • AP Spanish V | • Honors Advanced Debate | • Honors Geography |
| • AP English Language | • AP Statistics | | • Honors Geometry |
| • AP English Literature & Composition | | | • Honors Modern World History |
| | | | • Pre-Calculus |

REQUIREMENTS AT A GLANCE

Subject Area	Olathe Graduation Credits	KS Honor Scholar	NCAA
English	4	4 credits: regular or AP	4 credits: regular or AP
Math	3	4 credits: Algebra I or higher	3 credits: Algebra I 4 or higher
Science	3	3 Credits: Biology, Chemistry & Physics 4th credit highly recommended	2 credits: NCAA approved science classes
Social Studies	3	3 credits	2 credits: approved Social Studies
World Language	None Required	2 credits: Same language req. (grade 9-12)	Will count towards 16 core credits
Other Courses	See Graduation Audit	No additional required	Additional approved NCAA credits to equal 16

KSHSAA Eligibility:

Students taking Guided Study can earn a maximum of one credit toward their 5 "new subjects of unit weight" during their high school career. Teacher aide and credit recovery courses do not count as a "new subject of unit weight" toward KSHSAA eligibility.

Individual Focus: 6 Credits Minimum

The Individual focus credit category is identified for individual academic and career plan choices beyond courses required for graduation. Students must obtain 6 CREDITS MINIMUM of INDIVIDUAL FOCUS courses. These courses may be from within specific academic disciplines such as music or science, or may be a combination of courses to fit future plans such as a mix of courses in art, technology, Family and Consumer Sciences, business, etc.

KNOW THE RULES

Core Courses

- **NCAA Division I requires 16 core courses.** This rule applies to any student first entering any Division I college or university. See the chart below for the breakdown of this 16 core-course requirement.
- **NCAA Division II requires 16 core courses.** See the breakdown of core-course requirements below.

Test Scores

- **Division I** has a sliding scale for test score and grade-point average. The sliding scale for those requirements is shown on the right.
- **Division II** has a minimum SAT score requirement of 820 or an ACT sum score of 68.
- The SAT score used for NCAA purposes includes the critical reading and math sections.
- The ACT score used for NCAA purposes is a **sum** of the four sections on the ACT: English, mathematics, reading and science.
- **All SAT and ACT scores must be reported directly to the NCAA Eligibility Center by the testing agency. Test scores that appear on transcripts will not be used. When registering for the SAT or ACT, use the Eligibility Center code of 9999 to make sure the score is reported to the Eligibility Center.**

Grade-Point Average

- Only core courses are used in the calculation of the grade-point average.
- **Besure** to look at your high school's list of NCAA-approved core courses on the Eligibility Center's Web site to make certain that the courses being taken have been approved as core courses. The Web site is: <https://web3.ncaa.org/hsportal/exec/hsAction?hsActionSubmit=searchHighSchool>.

DIVISION I 16 Core-Course Rule
4 years of English.
3 years of mathematics (Algebra I or higher).
2 years of natural/physical science (1 year of lab if offered by high school).
1 years of additional English, mathematics or natural/physical science.
2 years of social studies.
4 years of additional courses (from any area above, world language or non doctrinal religion/philosophy).

DIVISION II 16 Core-Course Rule
3 years of English.
2 years of mathematics (Algebra I or higher).
2 years of natural/physical science (1 year of lab if offered by high school).
3 years of additional English, mathematics or natural/physical science.
2 years of social studies.
4 years of additional courses (from any area above, world language or non doctrinal religion/philosophy).

OTHER IMPORTANT INFORMATION

- Division II has no sliding scale. The minimum core grade-point average is 2.000.
- Students enrolling at an NCAA Division I or II institution for the first time need to also complete the amateurism questionnaire through the Eligibility Center Website. Students also need to complete final amateurism certification prior to enrollment.

For more information regarding the rules, please go to www.ncaa.org.

NCAA DIVISION I SLIDING SCALE CORE GRADE-POINT AVERAGE/TEST-SCORE New Core GPA / Test Score Index		
Core GPA	SAT Verbal & Math ONLY	ACT
3.550 & above	400	37
3.525	410	38
3.500	420	39
3.475	430	40
3.450	440	41
3.425	450	41
3.400	460	42
3.375	470	42
3.350	480	43
3.325	490	44
3.300	500	44
3.275	510	45
3.250	520	46
3.225	530	46
3.200	540	47
3.175	550	47
3.150	560	48
3.125	570	49
3.100	580	49
3.075	590	50
3.050	600	50
3.025	610	51
3.000	620	52
2.975	630	52
2.950	640	53
2.925	650	53
2.900	660	54
2.875	670	55
2.850	680	56
2.825	690	56
2.800	700	57
2.775	710	58
2.750	720	59
2.725	730	59
2.700	740	60
2.675	750	61
2.650	760	62
2.625	770	63
2.600	780	64
2.575	790	65
2.550	800	66
2.525	810	67
2.500	820	68
2.475	830	69
2.450	840	70
2.425	850	70
2.400	860	71
2.375	870	72
2.350	880	73
2.325	890	74
2.300	900	75
2.299	910	76
2.275	910	76
2.250	920	77
2.225	930	78
2.200	940	79
2.175	950	80
2.150	960	81
2.125	970	82
2.100	980	83
2.075	990	84
2.050	1000	85
2.025	1010	86
2.000	1020	86



USD #233 Individual Plan of Study

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Class of 2022 and beyond

Career Interest(s): _____

Career Pathway(s): _____

Graduation Requirements	9th Grade	Credits	10th Grade	Credits	11th Grade	Credits	12th Grade	Credits	Year 13	Credits	Year 14	Credits
English (x4 credits)	English I OR Honors English I	1	English II OR Honors English II	1	English III OR AP English Language	1	English IV OR College Prep English OR AP English Literature	1	Engl Comp/Lit	3		
Math (x3 credits)	Must take 1 math 9th gr year	1	Must take 1 math 10th gr year	1	Must take 1 math 11th gr year	1			College Algebra	3		
Science (x3 credits) (1 Life; 1 Physical; 1 Elective)	Must take 1 science 9th gr year	1	Must take 1 science 10th gr year	1	Must take 1 science 11th gr year	1			Lab Science	4		
Social Studies (x3 credits) (1 World; 1 US; 0.5 Govt; 0.5 elective)	World History OR Honors World History	1	Option to take 1/2 elective SS cr.	.5	US History OR AP US History	1	US Govt OR AP US Govt	.5	Humanities (Psych/Sociology)	3		
PE/Health (1 credit)	PE Concepts	1										
	OR Cheer/Drill Team											
Fine Arts (1 credit) (Visual or Performing)												
World Lang/Appl Comm (1 credit)												
Life Skill: Consumer & Personal Finance (0.5 credit)												
Practical & Consumer (1 credit)												
Technology (0.5 credit) (or pass Tech Exam)												
Individual Focus (6 credits)												
Total Credits: (24 total needed for graduation)	9th grade total: (need 7):		10th grade total: (need 7):		11th grade total: (need 7):		12th grade total: (need 3+):					

Students and Families of Olathe Virtual School,

We are excited to welcome you to another year at Olathe Virtual School and can't wait to explore what this school year has in store for us. Last year was a learning opportunity for the entire school community, and I truly believe we came out better because of the incredible families and teacher's partnerships focused on student's needs.

As you look through this year's PPG remember that not every experience or class from in-person is possible in the virtual setting, but the same is true in reverse. You have the unique possibility to experience school in ways we never imagined before.

We look forward to another great year, and one that culminates with success for all OVS students.

Go Raptors!!

~Ryne Huff
Olathe Virtual School
Coordinator of Virtual Learning

Overview of Middle School Courses Grades 6-8

Grade 6

CORE (Required)

Language Arts 6
Literacy 6
Math 6 *or*
*Math 6+
Science 6
Social Studies 6
Virtual Learning Success (0.5)

Physical Education/Health (Required)

Physical Education/Health (1.0)

Academic Support

ELL
Guided Study
Math 180
Resource
Read 180

Elective Courses

Business Keyboarding (0.5)
Computer 6 (0.5)
Exploring Art (0.5)
Spanish 6 (0.5)

Grade 7

CORE (Required)

Language Arts 7
Literacy 7
Math 7 *or*
*Math 7+
Science 7
Social Studies 7

Physical Education/Health (Required)

Physical Education/Health (1.0)

Academic Support

ELL
Guided Study
Math 180
Resource
Read 180

Elective Courses

Art 1 (0.5)
Art 2 (0.5)
Business Keyboarding (0.5)
Careers (0.5)
Innovations in Computer Coding
and App Creating (0.5)
Leadership Concepts (0.5)
Spanish 7/8 (0.5)

Grade 8

CORE (Required)

Language Arts 8
Literacy 8
Math 8 *or*
Algebra 1
Science 8
Social Studies 8

Physical Education/Health (Required)

Physical Education/Health (1.0)

Academic Support

ELL
Guided Study
Math 180
Resource
Read 180

Elective Courses

Art 1 (0.5)
Art 2 (0.5)
Business Keyboarding (0.5)
Careers (0.5)
Innovations in Computer Coding
and App Creating (0.5)
Leadership Concepts (0.5)
Spanish 7/8 (0.5)

** It is always our intention to offer as many courses as possible, however these courses are subject to being offered based on enrollment numbers. Some years its possible these courses are not offered due to low enrollment.*

Grade 6 Courses - Required

Language Arts 6

LA 000 A/B

Grade Level: 6

Two Semesters - 1.0 credit

This course is the beginning of the secondary language arts program. It includes the study of literature and relevant informational text. Effective reading, writing, speaking and listening, and language skills are developed through reading and analyzing complex text. Students will produce argumentative, informational/explanatory, and narrative writing for a variety of purposes. This writing will be grounded in claims and supported with evidence from the text.

Math 6

MA 000 A/B

Grade Level: 6

Two Semesters - 1.0 credit

This course focuses on mathematical practices and four critical areas of content: 1) connecting fractions to ratio and rate along with solving problems; 2) completing understanding of division of fractions and extending the notion of number to the system of rational numbers, which includes negative numbers; 3) writing, interpreting, and using expressions and equations; and 4) developing understanding of statistical thinking. This course stresses the depth and rigor for future math course success.

Math 6+

MA 006 A/B

Grade Level: 6

Two Semesters - 1.0 credit

This course focuses on mathematical practices and four critical areas of content: 1) connecting fractions to ratio and rate along with solving problems; 2) completing understanding of division of fractions and extending the notion of number to the system of rational numbers, which includes negative numbers; 3) writing, interpreting, and using expressions and equations; and 4) developing understanding of statistical thinking. This course stresses the depth and rigor for future math course success.

Science 6

SC 000 A/B

Grade Level: 6

Two Semesters - 1.0 credit

This course will introduce students to basic chemistry, along with an exploration of earth-space concepts and human body systems. Conducted in a laboratory setting, this course emphasizes investigative science and activity-based learning.

Social Studies 6

SS 000 A/B

Grade Level: 6

Two Semesters - 1.0 credit

Social Studies 6 focuses on an exploration of the ancient civilizations of the world and the civilizations of Middle America through the lens of history, geography, economics, religion, and government.

Physical Education/Health

PE 010 A/B

Grade Level: 6

Two Semesters - 1.0 credit

The goal of Physical Education/Health is to develop physically and healthy individuals who have the knowledge, skills and confidence to enjoy a lifetime of healthful physical activity and engage in healthful behaviors.

Grade 7 Courses - Required

Language Arts 7

LA 010 A/B

Grade Level: 7

Two Semesters - 1.0 credit

This course includes the study of literature and relevant informational text. Effective reading, writing, speaking and listening, and language skills are developed through reading and analyzing complex text. Students will produce argumentative, informational/explanatory, and narrative writing for a variety of purposes. This writing will be grounded in claims and supported with evidence from the text.

Math 7

MA 010 A/B

Grade Level: 7

Two Semesters - 1.0 credit

This course emphasizes mathematical practices applied to the following critical areas: developing understanding and application of proportional relationships, operations with rational numbers, working with expressions and linear equations, solving problems involving scale drawings and geometric constructions, as well as working with 2D and 3D shapes to solve problems involving area, surface area, and volume.

Math 7+

MA 017 A/B

Grade Level: 7

Two Semesters - 1.0 credit

This course emphasizes mathematical practices applied to the following critical areas: developing understanding and application of proportional relationships, operations with rational numbers, working with expressions and linear equations, solving problems involving scale drawings and geometric constructions, as well as working with 2D and 3D shapes to solve problems involving area, surface area, and volume.

Science 7

SC 010 A/B

Grade Level: 7

Two Semesters - 1.0 credit

This course will explore life processes and environmental studies. Conducted in a laboratory setting, this course emphasizes investigative science and activity-based learning.

Social Studies 7

SS 010 A/B

Grade Level: 7

Two Semesters - 1.0 credit

This course includes a semester of geography that examines the world, and a semester of Kansas history and government.

Physical Education/Health

PE 110

Grade Level: 7

One Semester – 0.5 credit

The goal of Physical Education/Health is to develop physically and healthy individuals who have the knowledge, skills and confidence to enjoy a lifetime of healthful physical activity and engage in healthful behaviors.

Grade 8 Courses - Required

Algebra I

MA 520 A/B

Grade Level: 8 or 9
Two Semesters - 1.0 credit
Prerequisite: Math 7 Plus

Students engage in methods for analyzing, solving, and using quadratic functions. Students experience mathematics as a coherent, useful, and logical subject that makes use of problem solving skills. Students will analyze and explain the process of solving an equation as well as write, interpret, and translate between various forms of linear equations and inequalities.

Language Arts 8

LA 110 A/B

Grade Level: 8
Two Semesters - 1.0 credit

This course includes the study of literature and relevant informational text. Effective reading, writing, speaking and listening, and language skills are developed through reading and analyzing complex text. Students will produce argumentative, informational/explanatory, and narrative writing for a variety of purposes.

Math 8

MA 110 A/B

Grade Level: 8
Two Semesters - 1.0 credit

Students continue to build an algebra foundation from earlier grades. This course embeds the mathematical practices throughout learning. Instruction will focus on an in-depth study of expressions and equations leading to linear equations. The concept of a function will be formalized to prepare students for Algebra 1. The course ends with geometric concepts of angles, distance, similarity, scatter plots, congruence and applying the Pythagorean Theorem.

Science 8

SC 110 A/B

Grade Level: 8
Two Semesters - 1.0 credit

This course explores the science of the dynamic earth and the universe, along with an integration of basic chemistry. Conducted in a laboratory setting, this course emphasizes investigative science and activity-based learning.

Social Studies 8

SS 110 A/B

Grade Level: 8
Two Semesters - 1.0 credit

This is a survey of American history from the end of the American Revolution to 1900. Units include: the beginnings of the national government, westward expansion, Jacksonian democracy, the Civil War and Reconstruction, the end of the frontier and the growth of big business.

Physical Education/Health

PE 120M

Grade Level: 8
One Semester - 0.5 credit

The goal of Physical Education/Health is to develop physically and healthy individuals who have the knowledge, skills and confidence to enjoy a lifetime of healthful physical activity and engage in healthful behaviors.

MS- Academic Support

Students are placed in reading courses based on district criteria.

Math 180- 6

MA 026

MA 026 A/B

Grade Level: 6
One or Two Semesters - 0.5-1.0 credit

This course offers intensive instruction to improve basic math skills in terms of concept development, application, and fluency based on individual student needs. **Enrollment Note: Students are placed into this class based on district criteria.**

Math 180- 7

MA 027

MA 027 A/B

Grade Level: 7
One or Two Semesters - 0.5-1.0 credit

This course offers intensive instruction to improve basic math skills in terms of concept development, application, and fluency based on individual student needs. **Enrollment Note: Students are placed into this class based on district criteria.**

Math 180- 8

MA 028

MA 028 A/B

Grade Level: 8
One or Two Semesters - 0.5-1.0 credit

This course offers intensive instruction to improve basic math skills in terms of concept development, application, and fluency based on individual student needs. **Enrollment Note: Students are placed into this class based on district criteria.**

Literacy 6

LA 120

Grade Level: 6
One Semester-0.5

This course is designed to support the work of the 6th grade subject areas by using the literacies of the different disciplines and incorporating them into the areas of reading, writing, and speaking and listening. Students will demonstrate their knowledge of the different literacies through different methods including writing, projects, discussions, and presentations. This work in this course is focused on close reading and high levels of critical thinking.

Literacy 7

LA 121

Grade Level: 7
One Semester-0.5

This course is designed to support the work of the 7th grade subject areas by using the literacies of the different disciplines and incorporating them into the areas of reading, writing, and speaking and listening. Students will demonstrate their knowledge of the different literacies through different methods including writing, projects, discussions, and presentations. This work in this course is focused on close reading and high levels of critical thinking.

Literacy 8

LA 122

Grade Level: 8
One Semester-0.5

This course is designed to support the work of the 8th grade subject areas by using the literacies of the different disciplines and incorporating them into the areas of reading, writing, and speaking and listening. Students will demonstrate their knowledge of the different literacies through different methods including writing, projects, discussions, and presentations. This work in this course is focused on close reading and high levels of critical thinking.

Read 180 - 6

WW 349 A/B

Grade Level: 6
One or Two Semesters - 0.5-1.0 credit

This course offers intensive instruction to improve basic reading skills in terms of comprehension, vocabulary, and fluency based on individual student needs. Students will also choose reading material based on interest and reading level. **Enrollment Note: Students are placed into this class based on district criteria.**

MS- Academic Support

Students are placed in reading courses based on district criteria.

Read 180 - 7

WW 350M A/B

Grade Level: 7
One or Two Semesters - 0.5-1.0 credit

This course offers intensive instruction to improve basic reading skills in terms of comprehension, vocabulary, and fluency based on individual student needs. Students will also choose reading material based on interest and reading level. **Enrollment Note: Students are placed into this class based on district criteria.**

Read 180 - 8

WW 351 A/B

Grade Level: 8
One or Two Semesters - 0.5-1.0 credit

This course offers intensive instruction to improve basic reading skills in terms of comprehension, vocabulary, and fluency based on individual student needs. Students will also choose reading material based on interest and reading level. **Enrollment Note: Students are placed into this class based on district criteria.**

MS Elective Courses

Art I

AR 110M

Grade Level: 7, 8
One Semester - 0.5 credit

This introductory art course is designed to provide seventh and eighth grade students an opportunity to experience drawing, painting, printmaking, ceramics, and sculpture. The Elements of Art, artists, and art history will provide a framework for this experience.

Art 2

AR 120

Grade Level: 7, 8
One Semester - 0.5 credit

Prerequisite Art I

This course will be an emphasis on the elements of art and principles of design while creating a variety of 2-D and 3-D projects.

Business Keyboarding

BS 150 VT

Grade Level: 6, 7, 8
One Semester - 0.5 credit

Using a special in-house typing software, Simply Type, you will gain typing speed while learning the proper technique to become a keyboarding master. You will learn introductory word processing and electronic presentation skills as well as learn about computer hardware, the internet, and business application skills to prepare for your future career.

Careers

BU 140

Grade Level: 7,8
One Quarter - 0.5 credit

This class develops knowledge and skills and explores attitudes needed for success in school and in the workplace. Students explore topics relating to identifying their own interests, career possibilities, pre-employment skills, workplace skills, and educational goals. This class will have guest speakers. Students in this class are introduced to career clusters.

Computer 6

CP 000 VT

Grade Level: 6
One Quarter - 0.5 credit

Impress your friends and family with the newest and most exciting technologies! This course introduces students to the basic areas of technology through the use of fun projects and activities such as: Web 2.0 tools, Paint, email, internet, Microsoft Word, Excel, PowerPoint, Publisher, and typing skills. This is a great class that prepares students for future computer courses.

Exploring Art

AR 000 VT

Grade Level: 6
One Semester - 0.5 credit

Students will explore a variety of 2-D and 3-D media. Basic techniques and an overview of artistic materials will be stressed. The emphasis will be on developing the student's creativity and imagination.

Innovations in Computer Coding and App Creating

CP 120

Grade Level: 7, 8
One Semester - 0.5 credit

This is a project-based course which helps prepare students to use technology and provides further experiences with word processing, spreadsheets, presentations and graphical applications. Course content is updated frequently to reflect new technologies.

Leadership Concepts

YA 300

Grade Level: 7, 8
One Semester - 0.5 credit

This class introduces students to the various types of leaders and models of leadership. Students will participate in team building activities and develop their knowledge of leadership skills and concepts. Students will research and propose solutions to building-level issues.

Spanish 6

FL 010 VT

Grade Level: 6
One Semester - 0.5 credit

This course introduces students to the Spanish language and the Hispanic culture around the world. Students learn vocabulary and phrases related to daily life and personal interests.

Spanish 7/8

FL 110

Grade Level: 7, 8
One Semester - 0.5 credit

Students explore Spanish-speaking countries, focusing on their cultural differences, holidays, and customs. Students interact with vocabulary and phrases related to daily life and personal interests.

Virtual Learning Success

YA 220 VT

Grade Level: 6,7,8
One Semester - 0.5 credit

*Required first semester as
OVS MS Student.*

This class develops knowledge and skills and explores attitudes needed for success in virtual school and the workplace. Students explore topics relating to identifying their own interests, career possibilities, pre-employment skills, workplace skills, and educational goals.

High School Course Overview

Grade 9

CORE (Required)

English 1 (1.0) or
 *Honors English 1 (1.0)
 Algebra 1 (1.0) or
 Geometry (1.0) or
 *Honors Geometry (1.0)
 Modern World History (1.0)
 Biology (1.0) or
 *Honors Biology (1.0)

Physical Education/Health

Physical Education/Health (1.0)

Grade 10

CORE (Required)

English 2 (1.0) or
 *Honors English 2 (1.0)
 Geometry (1.0) or
 *Honors Geometry (1.0) or
 Algebra II (1.0) or
 *Honors Algebra II (1.0)
 Chemistry (1.0) or
 *Honors Chemistry (1.0)
 Personal Finance (0.5)

Grade 11&12

CORE (Required)

English 3 (1.0) or
 *AP Language (1.0)
 English 4 (1.0) or
 CPE (1.0) or
 *AP Literature (1.0)
 US History (1.0)
 American Government (0.5)
 Algebra II (1.0) or
 *Honors Algebra II (1.0) or
 Pre-Calc (1.0)
 Physics (1.0)

*All courses in previous grade's column are available in upper grade levels, the only exception is Business Essentials is 9,10 only**.*

Elective Courses

Accounting 1 (0.5)
 Art History (0.5)
 Black American History (0.5)
 Business Essentials (0.5)**
 Business Economics (0.5)
 Computer Apps 1 (0.5)
 Computer Programming 1 (0.5)
 Drawing I (0.5)
 Economics (0.5)
 Geography (0.5)
 Introduction to Computer Coding (0.5)
 Intro to Journalism (0.5)
 Nutrition & Wellness (0.5)
 Public Speaking (0.5)
 Spanish 1 (1.0)
 Spanish 2 (1.0)
 *Spanish for Heritage Speakers 1 (1.0)
 *Spanish for Heritage Speakers 2 (1.0)

Elective Courses

Business Essentials (0.5)**
 *Drawing II (0.5)
 Introduction to Computer Coding (0.5)
 Intro to Psychology (0.5)
 Lifetime Fitness (0.5)
 *Marine Biology (0.5)
 Nutrition & Wellness (0.5)
 Physical Science (1.0)
 Sociology (0.5)
 *Spanish 3 (1.0)

Elective Courses

*Anatomy & Physiology (1.0)
 Creative Writing (0.5)
 Earth Science (0.5)
 *Student Naturalist (0.5)

** It is always our intention to offer as many courses as possible, however these courses are subject to being offered based on enrollment numbers. Some years its possible these courses are not offered due to low enrollment*

*** Course has prerequisite course(s) noted in the following pages of PPG.*

HS ELA COURSES

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Course No.	Course Title	Possible Course Level				Credit	NCAA Approved	App Communication	English
		9	10	11	12				
LA 310 A/B	English I	•				1.0	✓		✓
LA 412 A/B	English II		•			1.0	✓		✓
LA 420 A/B	English III			•		1.0	✓		✓
LA 430 A/B	English IV				•	1.0	✓		✓
LA 315 A/B	Honors English I	•				1.0	✓		✓
LA 415 A/B	Honors English II		•			1.0	✓		✓
LA 440 A/B	College Prep English IV				•	1.0	✓		✓
LA 425 A/B	AP English Language and Composition			•		1.0	✓		✓
LA 445 A/B	AP English Literature and Composition				•	1.0	✓		✓
PA 710	Public Speaking	•	•	•	•	0.5	✓	✓	

English I LA 310 A/B

Grade Level: 9
Two Semesters - 1.0 credit



In this course, students will closely examine literature and informational text as well as focus on writing, grammar, and a variety of communication skills. Students will also produce writing for a variety of purposes and audiences all of which will be grounded in claims and supported with evidence from the text.

Honors English I LA 315 A/B

Grade Level: 9
Two Semesters - 1.0 credit



This course is open to all students who desire a literary/linguistic challenge. These challenges include thinking analytically, synthesizing, experiencing various genres, and an increased demand for writing. Students will produce writing for a variety of purposes and audiences all of which will be grounded in claims and supported with evidence from the text. Students enrolled in this course will be expected to apply advanced reading and writing skills.

English II LA 412 A/B

Grade Level: 10
Two Semesters - 1.0 credit



Students will experience a variety of literature and informational text from both the class textbook and district approved novels. Students will also produce writing for a variety of purposes and audiences. There is an emphasis on writing which is grounded in claims and supported by evidence from the text.

Honors English II LA 415 A/B

Grade Level: 10
Two Semesters - 1.0 credit



This course is open to all students who desire a literary/linguistic challenge. These challenges include thinking analytically, synthesizing, experiencing various genres, informational text and an increased demand for writing. Students will also produce writing for a variety of purposes and audiences all of which will be grounded in claims and supported with evidence from the text. Students enrolled will be expected to apply advanced reading and writing skills.

English III LA 420 A/B

Grade Level: 11
Two Semesters - 1.0 credit



Students will experience a variety of literature and informational text using the class textbook and district approved novels. There is an emphasis on writing which is grounded in claims and supported by evidence from the text. The course also emphasizes critical thinking, grammar, and vocabulary.

AP English Language and Composition LA 425 A/B

Grade Level: 11
Two Semesters - 1.0 credit

This course emphasizes the expository, analytical, and argumentative writing that forms the basis of academic and professional communications as well as the personal and reflective writing that fosters the development of writing in any context. Content requires students to think, read, and write critically and creatively at an advanced level. Students will be trained to become skilled readers of prose. This course is open to all students who desire a literary/linguistic challenge. **Guided Enrollment Note: Students must complete a summer reading and writing assignment for this class.**

HS ELA COURSES CONTINUED

English IV

LA 430 A/B

Grade Level: 12

Two Semesters - 1.0 credit



Students will experience a variety of literature and informational text using the class textbook and district approved novels. In this class, there is an emphasis on writing which is grounded in claims and supported by evidence from the text. The course emphasizes critical thinking, grammar, and vocabulary.

College Prep English IV

LA 440 A/B

Grade Level: 12

Two Semesters - 1.0 credit



Students will experience a variety of literature and informational text using the class textbook and district approved core literature. This course is designed to develop the critical skills needed for the college bound student. The reading and writing in this course is intended to prepare students for a post-secondary experience. There is a heightened focus on critical reading, writing, and thinking.

Creative Writing

LA 520

Grade Level: 11, 12

Two Semesters – 0.5 credit



This course offers highly motivated students an opportunity to become disciplined writers by writing in a variety of forms, including poetry and fiction. Because the student must generally have a sound knowledge of the basic mechanics of writing and literary styles, the class is reserved for students who are serious about writing.

AP English Literature and Composition

LA 445A/B

Grade Level: 12

Two Semesters - 1.0 credit



Instruction focuses on the teaching of the advanced composition skills through the analysis and synthesis of classic and contemporary literature. Student writings include on demand essays, extended essays, and reader responses with an emphasis on literary analysis. This course requires students to be able to think, read, and write critically and creatively at an advanced level and also places emphasis on the skills needed for the college bound student. This course is open to all students who desire a literary/linguistic challenge. **Guided Enrollment Note: Students must complete a summer reading and writing assignment for this class.**

Public Speaking

PA 170

Grade Level: 9, 10, 11, 12

One Semester - 0.5 credit



This course is designed to improve students public speaking skills. Assignments will include persuasive, informative, and entertainment speeches, as well as group discussions, debate, and oral interpretation.

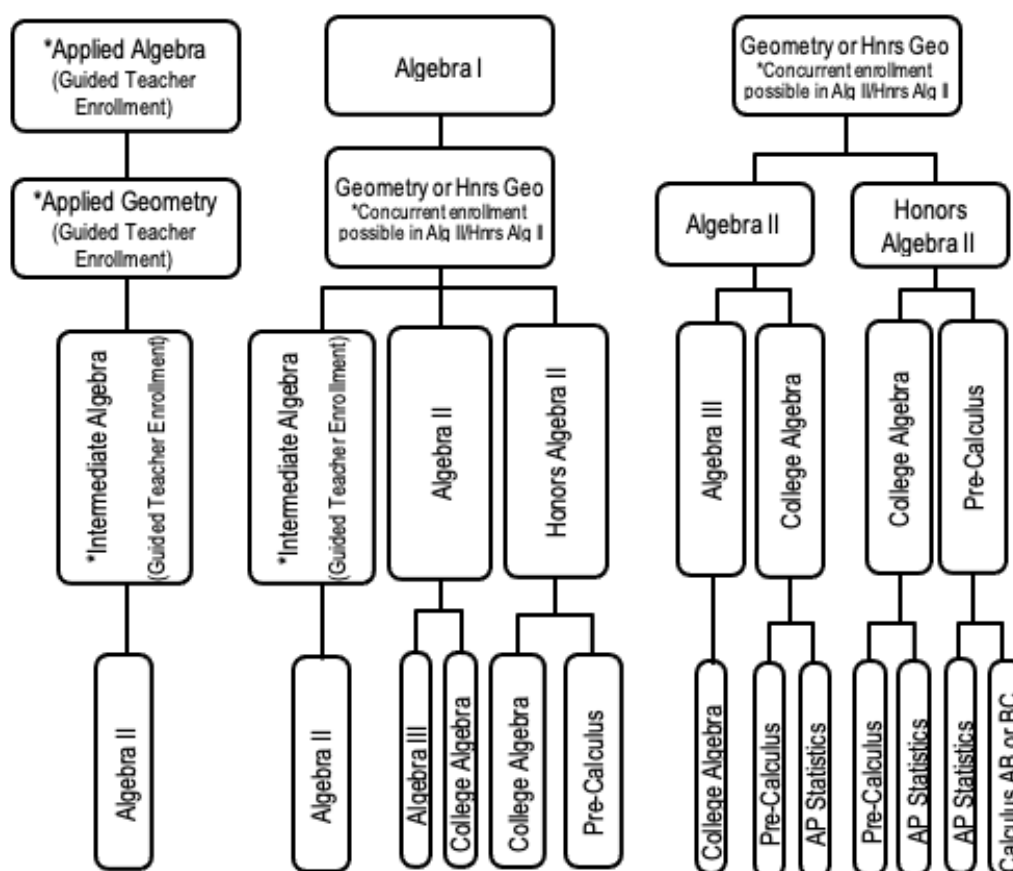
HS MATH COURSES

21

Course No.	Course Title	Possible Course Level				Credit	NCAA Approved
		9	10	11	12		
MA 520 A/B	Algebra I	•				1.0	✓
MA 550 A/B	Algebra II			•	•	1.0	✓
MA 540 A/B	Geometry		•	•		1.0	✓
MA 615 A/B	Honors Algebra II			•	•	1.0	✓
MA 545 A/B	Honors Geometry		•	•		1.0	✓
MA 720 A/B	Pre-Calculus			•	•	1.0	✓
MA 542 A/B	Applied Algebra I	•				1.0	
MA 544 A/B	Applied Geometry		•			1.0	

High School Math Course Sequence

Individual student course recommendation may vary



*Courses do not meet Qualified Admissions for Pre-College Curriculum

HS MATH CONTINUED

Algebra I

MA 520 A/B

Grade Level: 9

Two Semesters - 1.0 credit



The critical areas in Algebra deepen and extend understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend. Students engage in methods for analyzing, solving, and using quadratic functions. The Mathematical Practice Standards together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of problem solving skills.

Applied Geometry

MA 544 A/B

Grade Level: 10

Two Semesters - 1.0 credit

Prerequisite: Applied Algebra I

The goal of this course is to formalize and extend students' geometric experiences by exploring more complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments. Transformations are emphasized early and the Mathematical Practices are applied throughout. Critical areas include rigid motions, triangle congruence, similarity, and geometric relationships, properties of special triangles and quadrilaterals, and theorems about circles. This course is intended for students needing additional support with math concepts.

Geometry

MA 540 A/B

Grade Level: 10, 11

Two Semesters - 1.0

credit Prerequisite:
Algebra I

The goal of this course is to formalize and extend students' geometric experiences by exploring more complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments. Transformations are emphasized early and the Mathematical Practices are applied throughout. Critical areas include rigid motions, triangle congruence, similarity, and geometric relationships, properties of special triangles and quadrilaterals, and theorems about circles.

Honors Geometry

MA 545 A/B

Grade Level: 10, 11

Two Semesters - 1.0 credit

Prerequisite: Algebra I



The goal of this course is to formalize and extend students' geometric experiences by exploring more complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments. Transformations are emphasized early and the Mathematical Practices are applied throughout. Critical areas include rigid motions, triangle congruence, similarity, and geometric relationships, properties of special triangles and quadrilaterals, and theorems about circles. Six additional advanced concepts are part of the curriculum as well as the high school Geometry standards.

Pre-Calculus

MA 720 A/B

Grade Level: 11, 12

Two Semesters - 1.0 credit

Prerequisite: Honors Algebra II



Instruction emphasizes algebraic and graphical analysis with transformations, the study of continuity, rational, logarithmic and exponential functions, trigonometric functions and circular relations, conics, sequences and series, limits, parametrics, and vectors. A TI-84 series graphing calculator is required.

Applied Algebra I

MA 542 A/B

Grade Level: 9

Two Semesters - 1.0 credit

The critical areas in Algebra deepen and extend understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend. Students engage in methods for analyzing, solving, and using quadratic functions. The Mathematical Practice Standards together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of problem solving skills. This course is intended for students needing additional support with math concepts.

Algebra II

MA 550 A/B

Grade Level: 11, 12

Two Semesters - 1.0

credit Prerequisite:

Geometry



Building on work with linear, quadratic, and exponential functions, students extend their repertoire of functions to include polynomial, rational, and radical function. Students work closely with the expressions that define the functions and continue to expand and hone their abilities to model situations and solve equations, including quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms. The Mathematical Practice Standards apply throughout this course. A TI-84 series graphing calculator is required.

Honors Algebra II

MA 615 A/B

Grade Level: 11, 12

Two Semesters - 1.0 credit

Prerequisite: Geometry



Building on 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 expand and hone their abilities to model situations and solve equations, including quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms. The Mathematical Practice Standards apply throughout this course. A TI-84 series graphic calculator is required.

Algebra III

MA 565 A/B

Grade Level: 11, 12

Two Semesters - 1.0 credit

Prerequisite: Algebra II

Instruction emphasizes a more in depth look at quadratic and polynomial equations with real and complex solutions, exponential and logarithmic equations and functions, and rational expressions. Other topics include transformations, sequences and series, conics, and trigonometry. A TI-84 series graphing calculator is required. **Guided Enrollment Note: This course is for students needing additional instruction in preparation for College Algebra**

HS SCIENCE COURSES

23

Course No.	Course Title	Possible Course Level				Credit	NCAA Approved	Science- Physical	Science - Life
		9	10	11	12				
SC 530 P A/B	Anatomy & Physiology			•	•	1.0	✓		✓
SC 410 P A/B	Biology	•	•	•	•	1.0	✓		✓
SC 415	Marine Biology		•	•	•	0.5	✓		✓
SC 610 A/B	Chemistry		•	•	•	1.0	✓	✓	
SC 492	Earth Science			•	•	0.5		✓	
SC 520 A/B	Student Naturalist			•	•	1.0	✓		✓
SC 210 A/B	Physical Science		•	•	•	1.0	✓	✓	
SC 710 A/B	Physics		•	•	•	1.0	✓	✓	

Anatomy & Physiology

SC 530P A/B

Grade Level: 11, 12
Two Semesters - 1.0 credit



Prerequisite: Biology

This class is designed for the college-bound student who is considering a career in a professional medical field. The course offers an in-depth study of higher vertebrate anatomy using human models and diagrams. Insight into the functions of human systems is gained through laboratory study of living tissues, dissection and physiology instrumentation. **Guided Enrollment Note: Concurrent or previous enrollment in Chemistry recommended.**

Biology

SC 410P A/B

Grade Level: 9, 10, 11, 12
Two Semesters - 1.0 credit



Biology is a lab-oriented course where inquiry problem-solving skills are practiced and refined. The emphasis of the course is on the molecular level, with such topics as biochemistry, genetics and cellular processes. The diversity and evolution of organisms and ecology concepts are included throughout the curriculum.

Marine Biology

SC 415

Grade Level: 10, 11, 12 One
Semester - 0.5 credit
Prerequisite: Biology



This course serves as an introduction to the biology of marine organisms and will present a broad overview of the field. Students will study the anatomy of marine organisms through the observation of live species in 3,000 gallons of aquaria and the dissection of lab specimens. Other topics of study include the marine environment, physical factors influencing marine organisms, marine ecosystems, and the diversity of marine life. It will emphasize classification, distribution, ecology, physiology, major community types and economic impact on marine organisms.

Chemistry

SC 610 A/B

Grade Level: 10, 11, 12 Two
Semesters - 1.0 credit
Prerequisite: Biology



Chemistry is the study of properties and changes in matter. This study includes the particles that compose matter and how elements and compounds interact. Conceptual understanding is built through visualization, laboratory observation and mathematical representation. **Guided Enrollment Note: Concurrent enrollment in Geometry or higher math is recommended.**

Earth Science

SC 492

Grade Level: 11, 12
One Semester - 0.5 credit

Earth Science offers students a look at the natural processes that occur on Earth. Students will gain an understanding of the processes and interdependence of the earth's systems. Topics encompassing geology, the internal and external processes that shape the surface and the interior of the Earth (mineral formation, rock cycle, plate tectonics, mountain building, geologic time), and meteorology including atmospheric structure, weather forecasts and extreme weather.

Physics

SC 710 A/B

Grade Level: 10, 11, 12 One
Semester - 1.0 credit



This course places emphasis on learning how to develop concepts and relate them to one another through laboratory experiences. Major emphasis is on the fields of measurement, kinematics (motion), dynamics (mechanical and gravitational forces), momentum and kinetic and potential energy. **Guided Enrollment Note: Geometry is recommended concurrent with Physics.**

Physical Science

SC 210 A/B

Grade Level: 10, 11, 12
One Semester - 1.0 credit



This course explores basic concepts of chemistry and physics by emphasizing problem solving in investigations. Students utilize technology to collect and analyze data in the study of matter, chemical change, energy, motion, electricity, magnetism, sound and light.

Student Naturalist

SC 520 A/B

Grade Level: 11, 12
Two Semesters - 1.0 credit
Prerequisite: Biology



The student will participate in advanced studies in ecology, natural history and field biology. In addition, students will organize and present small group workshops for groups of District elementary students. Each quarter, students will participate in an environmentally based community service project.

HS SOCIAL STUDIES COURSES

Course No.	Course Title	Possible Course Level				Credit	NCAA Approved	Applied	Practical & Consumer	Social Studies
		9	10	11	12					
SS 612P	Business Economics	•	•	•	•	0.5			✓	✓
SS 630	Introduction to Psychology		•	•	•	0.5	✓		✓	✓
SS 445	Black American History	•	•	•	•	0.5	✓		✓	✓
SS 412	Human Geography	•	•	•	•	0.5				✓
SS 210 A/B	Modern World History	•				1.0	✓			✓
SS 620	Sociology		•	•	•	0.5	✓			✓
SS 710	United States Government				•	0.5	✓			✓
SS 510 A/B	United States History			•	•	1.0	✓			✓

Business Economics

SS 612P

Grade Level: 9, 10, 11, 12
One Semester - 0.5 credit



Business Economics integrates economic principles of free market economy, consumerism, and the role of American government within the economic system with entrepreneurship/business concepts (such as marketing principles, business law, and risk). Student will learn basic macroeconomic and microeconomic theory, fiscal and monetary policies, the role and significance of international economics and government trade and regulatory policies.

Human Geography

SS 412

Grade Level: 9, 10, 11, 12
One Semester - 0.5 credit

In this course, students will explore the reciprocal relationship between how humans have understood, used, and changed the earth's surface, and how the earth has informed human behavior and activity. Students will examine patterns of human population, migration, land use, and cultural practices.

Introduction to Psychology

SS 630

Grade Level: 10, 11, 12
One Semester - 0.5 credit



This course includes the introduction of terminology, methodology, and experimentation in the field of psychology. The units emphasized include approaches and theories, sensation and perception, principles of learning, personality, and psychological disorders.

Black American History

SS445

GradeLevel: 9, 10, 11, 12
One Semester - 0.5 credit



A semester elective course that examines the history and culture of Africa and Black American experience in an interdisciplinary format, including an analysis of the unique historical, cultural, political, and social developments from the Middle Passage to the present day. The course will celebrate, honor, and recognize the contributions and achievements of Black Americans in the United States. Critical thinking, reading, writing, and oral presentation skills are emphasized. Students of all races, ethnicities, and genders are encouraged to enroll.

Modern World History

SS 210 A/B

Grade Level: 9
Two Semesters - 1.0 credit



This course is a survey of selected topics in world history from the Middle Ages into the 20th century with a focus on history, economics, government, and geography.

Sociology

SS 620

Grade Level: 10, 11, 12
One Semester - 0.5 credit



This course is an introduction to the fascinating world of sociology where students are given the opportunity to interact with individuals from a variety of settings. Topics include: crime, diverse cultural responses to situations in society, the influence of the media on society, and exploring demographics of communities (races, religions, economics, age). Students will have the opportunity to interact with the people both in and outside their school community.

United States Government

SS 710

Grade Level: 12
One Semester - 0.5 credit



This course examines the origins, development, organizations, power, and actual working of American government and emphasizes the change and developments in recent years, and emphasizes the impact and effects on the student's daily lives.

United States History

SS 510 A/B

Grade Level: 11, 12
Two Semesters - 1.0 credit



This course provides a chronological and/or thematic study of American history from the late nineteenth century to the present.

HS PHYSICAL EDUCATION COURSES

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Course No.	Course Title	Possible Course Level				Credit	PE & Health Education	Individual Focus
		9	10	11	12			
PE 530	Lifetime Fitness		•	•	•	0.5		✓
PE 410 A/B	Physical Education Concepts/Health Education	•	•	•	•	1.0	✓	
HE 615P	Nutrition & Wellness	•	•	•	•	0.5		✓

Lifetime Fitness

PE 530

Grade Level: 10, 11, 12
One Semester - 0.5 credit

This course offers the opportunity to participate in lifetime physical fitness activities with a focus on personalized fitness. **Guided Enrollment Note: Prior approval needed for this course to meet graduation credit.**

Nutrition & Wellness

HE 610P

Grade Level: 9, 10, 11, 12
One Semester - 0.5 credit

Nutrition & Wellness will prepare students to explore different components of wellness which include physical, social, and emotional health. Students will take an in-depth look at various types of diets, nutrition information, and disease prevention to identify and apply healthy practices for a lifetime of wellness. Students will participate in a variety of physical activities.

Physical Education Concepts/Health Education

PE 410 A/B

Grade Level: 9, 10, 11, 12
Two Semesters - 1.0 credit

This course provides an opportunity for students to participate in a variety of physical activities and learn the value of quality, lifetime physical fitness. Health Education includes instruction regarding health promotion and disease prevention. **Guided Enrollment Note: PE Concepts and Health Education is the designed course to meet the graduation requirement of one credit.**

HS COMPUTER AND BUSINESS EDUCATION COURSES

Course No.	Course Title	Possible Course Level				Credit	Technology	Practical & Consumer	Applied Communication	Fine Arts
		9	10	11	12					
CP 410P	Computer Applications I	•	•	•	•	0.5	✓			
CP 505P	Introduction to Computer Coding	•	•	•	•	0.5	✓			
CP 508P	Computer Programming I		•	•	•	0.5	✓			
BU 560P	Accounting 1	•	•	•	•	0.5		✓		
SS 612P	Business Economics	•	•	•	•	0.5		✓		
CP 553P	Web Design 1	•	•	•	•	0.5	✓	✓	✓	
BU 500P	Business Essentials	•	•			0.5		✓		
HE 455P	Consumer & Personal Finance		•	•	•	0.5		✓		

Computer Applications I

CP 410P

Grade Level: 9, 10, 11, 12
One Semester - 0.5 credit

Students will acquire digital literacy skills essential for success in high school, college, and today's workforce. Emphasis will be on formatting documents and word processing, spreadsheet, and presentation software. The importance and relevance of merging these platforms will be emphasized through the completion of projects. Internet research and electronic communication skills, as well as the ethics related to these skills will be explored.

Business Economics

SS 612P

Grade Level: 9, 10, 11, 12
One Semester - 0.5 credit

Business Economics integrates economic principles of free market economy, consumerism, and the role of American government within the economic system with entrepreneurship/business concepts (such as marketing principles, business law, and risk). Student will learn basic macroeconomic and microeconomic theory, fiscal and monetary policies, the role and significance of international economics and government trade and regulatory policies.

Consumer & Personal Finance

HE 455P

Grade Level: 10, 11, 12
One Semester - 0.5 credit

Consumer and Personal Finance teaches essential personal finance skills for independent living as a young adult. Topics explored include career and lifestyle management, savings and investing, credit and debt, insurance, taxes and social security, budget planning, rental leases, auto financing, and consumer protection. Activities will focus on students making decisions that will assist them with living on their own.

Web Design I

CP 553P

Grade Level: 9, 10, 11, 12
One Semester - 0.5 credit

A foundation of web design will be gained by learning HTML, the standard web mark-up language. Students will also learn how to make digital graphics. Students will incorporate all these, in addition to some basic JavaScript, to create website projects. They will have the opportunity to present their websites on the internet.

Introduction to Computer Coding

CP 505P

Grade Level: 9, 10, 11, 12
One Semester - 0.5 credit

Students will develop an introductory understanding of fundamental computer science concepts and apply computational thinking skills to solve problems through the use of entry level coding tools for computers and/or mobile devices. **Guided Enrollment Note: Highly recommend completed or concurrent enrollment in Algebra I.**

Computer Programming I

CP 508P

Grade Level: 10, 11, 12
One Semester - 0.5 credit
Prerequisite: Introduction to Computer Coding

This course provides students with the knowledge and skills necessary to construct computer programs using C++ or other high-level language. Initially, students learn to structure, create, document, and debug computer programs, and as they progress, more emphasis is placed on design, style, clarity, and efficiency.

Accounting I

BU 560P

Grade Level: 9, 10, 11, 12
One Semester - 0.5 credit
Prerequisite: Introduction to Computer Coding

Accounting is the language of business and will be required of anyone attending a business school or pursuing a major or minor in business in college. This course is the first in a sequence of three courses providing a foundation which supports both college-level coursework and personal financial experiences.

Business Essentials

BU 500P

Grade Level: 9, 10
One Semester - 0.5 credit

This course is designed for the student who seeks an introduction to business, marketing, and management. Students will develop the skills necessary to succeed in the business environment by studying forms of business ownership, functions of management, budgeting and finance, accounting, business communications, law, marketing, and economics. This course is appropriate for any student interested in entrepreneurship and owning their own business.

Course No.	Course Title	Possible Course Level				Credit	NCAA Approved	Applied Communication
		9	10	11	12			
FL 610 A/B	Spanish I	•	•	•	•	1.0	✓	✓
FL 620 A/B	Spanish II	•	•	•	•	1.0	✓	✓
FL 630 A/B	Spanish III		•	•	•	1.0	✓	✓
FL 635 A/B	Spanish for Heritage Speakers I	•	•	•	•	1.0		✓
FL 645 A/B	Spanish for Heritage Speakers II	•	•	•	•	1.0		✓

Spanish I

FL 610 A/B

Grade Level: 9, 10, 11, 12 Two Semesters - 1.0 credit



This class at the Novice Mid proficiency level is designed for students who have had little or no experience learning Spanish. Students learn about the Hispanic culture and to communicate in the context of ordinary, daily situations. In order to promote language proficiency, much of this class is taught in Spanish.

Spanish II

FL 620 A/B

Grade Level: 9, 10, 11, 12 Two Semesters - 1.0 credit
Prerequisite: Spanish I or equivalent proficiency



This class at the Novice High proficiency level uses authentic materials to increase students' cultural understanding of the Hispanic world and to expand their language ability related to ordinary, daily situations. In order to promote language proficiency, most of this class is taught in Spanish.

Spanish III

FL 630 A/B

Grade Level: 10, 11, 12 Two Semesters - 1.0 credit
Prerequisite: Spanish II or equivalent proficiency



This class at the Intermediate Low proficiency level increases students' language ability to function in social situations outside the classroom. Students use authentic materials to learn about and discuss familiar topics related to the Hispanic world around them. Most of this class is taught in Spanish.

Spanish for Heritage Speakers I

FL 635 A/B

Grade Level: 9, 10, 11, 12 Two Semesters - 1.0 credit



This course is designed specifically for students who have already gained speaking and listening proficiency in Spanish in a home or other community setting or in previous school setting outside of the United States. Students will strengthen their reading and writing skills in Spanish through study and discussion of language structure, cultural and current events, and academic language. This class is conducted entirely in Spanish. Successful completion of this course will enable students to enroll in an upper level Spanish class. Students may be asked to complete a language assessment to determine proper placement in this course.

Spanish for Heritage Speakers II

FL 645 A/B

Grade Level: 9, 10, 11, 12 Two Semesters - 1.0 credit
Prerequisite: Spanish for Heritage Speakers I



This course is designed specifically for students who have studied or been exposed to Spanish in an academic setting. Students continue to build on their academic skills in the Spanish language through the study and discussion of language structure, cultural and current events. Additionally, this course introduces students to the skill of interpreting in the work setting. After completion of the course, students may enroll in upper level Spanish courses such as AP Spanish V to further their language study.

HS FINE ARTS COURSES

Course No.	Course Title	Possible Course Level				Credit	Fine Arts
		9	10	11	12		
AR 850E	Art History	•	•	•	•	0.5	✓
AR 410	Drawing 1	•	•	•	•	0.5	✓

Art History

AR 850E

Grade Level: 9, 10, 11, 12
Two Semesters – 0.5 credit

This art history course is offered only online. It includes a detailed discussion of the elements and principles of art and how they are used to examine artworks. Artists, their work, and the cultures in which they were created are examined from ancient times to present.

Drawing I

AR 410

Grade Level: 9, 10, 11, 12
One Semester - 0.5 credit

This course is an introduction to drawing and serves as a foundation for other art courses. The course content includes a variety of media and subject matter exploration. Supplemental experiences will include artists and their works, media demonstrations, exhibiting art work(s), and written reflections.

Quick Reference

Olathe East

14545 W. 127th
Olathe, KS 913-780-7120
<https://www.olatheschools.org/east>



Olathe Northwest

21300 College Blvd.
Olathe, KS 913-780-7150
<https://www.olatheschools.org/northwest>



Olathe North

600 E. Prairie
Olathe, KS 913-780-7140
<https://www.olatheschools.org/north>



Olathe South

1640 E. 151st
Olathe, KS 913-780-7160
<https://www.olatheschools.org/south>



Olathe West

2200 W. Santa Fe St.
Olathe, KS 913-780-7180
<https://www.olatheschools.org/west>



Olathe Advanced Technical Center

611 N. Nelson
Olathe, KS 913-780-77026
<https://www.olatheschools.org/oatc>



Olathe Virtual School

14160 S. Black Bob Rd.
Olathe, KS 913-780-7720
<https://www.olatheschools.org/v>



Mill Creek Campus

300 E. Loula Street
Olathe, KS 913-780-7880
<https://www.olatheschools.org/specialprograms>



Olathe Public Schools

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