



**2018-19**  
**HIGH SCHOOL**  
**COURSE CATALOG**

# **Omaha Virtual High School**

## **Metropolitan Community College**

**5300 N. 30<sup>th</sup> Street**

**Building 10, Rooms 206 & 208**

**Omaha, NE 68111**

**(531) 299-0269 – Phone**

**[www.omahavirtualschool.org](http://www.omahavirtualschool.org)**

Facebook: [@OPSVirtualschool](https://www.facebook.com/OPSVirtualschool)

Twitter: [@OPS\\_Virtual](https://twitter.com/OPS_Virtual)

## **Mission Statement**

Omaha Virtual School is committed to empowering life-long learners by developing collaborative relationships. Within our community, we provide an innovative, personalized learning experience. Success in this mission will cultivate critical thinkers who have the tools to contribute to a changing global society.

## **Vision Statement**

Future ready, today.

## **Core Values**

Growth Mindset, Positivity, Collaboration, Integrity,  
Accountability, Self-advocacy

Omaha Public Schools does not discriminate on the basis of race, color, national origin, religion, sex, marital status, sexual orientation, disability, age, genetic information, citizenship status, or economic status in its programs, activities, and employment, and provides equal access to the Boy Scouts and other designated youth groups. The following individual has been designated to address inquiries regarding the non-discrimination policies: Superintendent of Schools, 3215 Cuming Street, Omaha, NE 68131 (531) 299-0220.



Dear Learners & Learning Coaches,

Omaha Virtual School strives to be a unique learning environment for all students. Our blended learning model combines face to face instruction on campus with online learning that our students can access from home. We believe this model will prepare students to be future ready, today, regardless of their college or career choice.

As we embark on the second year of Omaha Virtual High School, we are hoping to enhance our student experience in many ways. We intend to:

- grow our student body to serve more students.
- offer our first dual enrollment course in partnership with Metropolitan Community College.
- create a schedule that will allow students to thrive in the blended learning environment.

Our first graduating class will be the class of 2021 and we look forward to growing this program. We will continue to grow and add course offerings to enhance our students' experience. Our goal is for our students to have the opportunity to earn 15 dual enrollment credits from Metropolitan Community College by the time they graduate. We will start with a speech course for this 2018-19 school year.

Please take some time to browse through our course offerings in our course catalog. We look forward to welcoming you as a future Ocelot at OVS!

Sincerely,

A handwritten signature in black ink that reads "Wendy Loewenstein". The signature is written in a cursive, flowing style.

Dr. Wendy Loewenstein

Omaha Virtual School Director

## **STUDENT ELIGIBILITY**

Omaha Virtual School is a non-traditional educational environment for students who are self-starters, self-advocates, and have a desire/ability to learn independently. In order to be eligible for OVS High School, students must be on track for graduation based on the below credit accumulation criteria (see grade level placement section). Students are not eligible if they have been expelled from a previous school.

Students must have an adult identified (typically a parent/guardian) as a learning coach to keep the learner on track, on pace, and engaged in learning at home.

This learning coach must:

- Regularly log in to the learning management system (K12.com) to monitor student progress and learning and log learner attendance online, weekly.
- Respond to communication from learning facilitators (teachers) in a timely manner (via email/phone).
- Provide wireless Internet connection in the home.
- Engage with the learner and the learning facilitators (teachers) to support the learner.
- Provide transportation to the required class sessions on campus.

## **STUDENT EXPERIENCE**

Omaha Virtual School is a blended learning environment in which student participate in learning at school and online. In our enriched virtual model of blended learning, students spend the majority of their learning time at home, online. Students are expected to engage in coursework 5 days per week for 5-6 hours per day. Students are required to attend classes on campus at least once per week for core class work during their designated class time. During the registration process, students will pick their designated class time on campus, either Tuesday or Thursday morning from 8:30am-12:30pm. One additional day/month is required for certain elective courses (physical education, Spanish, speech, yearbook, Earth science). Coursework is completed online using K12.com, our curriculum and content provider. Students are also required to attend live, online lessons throughout the week.

## **STAYING ON TRACK**

All courses in our program have a pacing guide developed by the teacher. This is the suggested pace for students to follow in order to complete their course in the semester time frame that they have to earn a credit. If students fall behind on their coursework (based on the pacing guide) or are struggling to grasp a concept/skill, they will be invited to attend an online intervention session with their teacher where they can re-learn or practice a skill. Another option for student support is to attend an Independent Study Lab (ISL). ISL is offered from 1-3pm on Tuesdays and Thursdays. During this time students can work with the guidance and support from teachers. If students stay on their designated class day in order to participate in ISL, they will have to pack a lunch and will be given 30 minutes for a lunch break that is supervised by OVS staff. If a student attends ISL on his/her non-designated school day, they should arrive at 1:00 and have already eaten lunch and can stay until 3:00.

## ENROLLMENT OPTIONS

Omaha Virtual High School has full-time and part-time enrollment options. At the beginning of each school year, students will identify their enrollment status and must maintain that status throughout the year. Only full-time students can earn a diploma from Omaha Public Schools. A student cannot shift their enrollment status after their junior year to full-time as graduation requirements may not be able to be met.

- Full-time enrollment requires students to take 7 classes and is an option for students who live inside and outside OPS district (requires Nebraska Option paperwork). Part-time requirements are a minimum of 4 classes, and an English course is required.
- Part-time enrollment requires students to take a minimum of 4 courses and English is a required course. This option is only available for students within the Omaha Public School district. Currently, the Nebraska option-in program does not allow for part-time opt-in to a school district, thus part-time enrollment is not an option for students who reside outside OPS.

Refer to the chart on the next page for a visual of enrollment options at OVS.

## OMAHA NORTH COURSE OPTIONS

To expand course options, students are able to take courses at our partner school Omaha North, so long as it does not coincide with their designated school day at OVS. Designated school days at OVS are from 8:30-12:30, Tuesday or Thursday. This allows for scheduling classes at Omaha North in the afternoon.

Omaha North Bell Schedule

A Day	Time	B Day												
1	7:40 – 9:10 <small>No pass time: 7:40-7:55</small>	2												
VIKING TIME	9:15 – 9:45 <small>No pass time: 8:55 – 9:10</small>	VIKING TIME												
3	9:50 – 11:20 <small>No pass time: 9:50 – 10:05</small>	4												
5	11:25 - 1:30 <small>No pass time: 11:05 – 11:20</small>	6												
(PASSES FOR EMERGENCIES ONLY DURING A5/B6)														
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">1st Lunch</th> <th style="text-align: left;">2nd Lunch</th> <th style="text-align: left;">3rd Lunch</th> </tr> </thead> <tbody> <tr> <td>Lunch 11:25 – 11:55 (5 minute passing)</td> <td>Class 11:25 – 12:10</td> <td>Class 11:25- 12:55 (5 minute passing)</td> </tr> <tr> <td>Class 12:00 – 1:30</td> <td>Lunch 12:10 – 12:40 (5 minute passing)</td> <td>Lunch 1:00- 1:30</td> </tr> <tr> <td></td> <td>Class 12:45 – 1:30</td> <td></td> </tr> </tbody> </table>	1st Lunch	2nd Lunch	3rd Lunch	Lunch 11:25 – 11:55 (5 minute passing)	Class 11:25 – 12:10	Class 11:25- 12:55 (5 minute passing)	Class 12:00 – 1:30	Lunch 12:10 – 12:40 (5 minute passing)	Lunch 1:00- 1:30		Class 12:45 – 1:30		
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7	1:35 – 3:05 <small>No pass time: 1:35 – 1:50</small>	8												
	<small>No pass time: 2:50 – 3:05</small>													

### If students want to take a course(s) at Omaha North High School. Parents are responsible for:

- Transporting students to and from classes at Omaha North.
- Ensuring these classes do not interfere with OVS class time.
- Keeping track of Omaha North’s A day/B day schedule and student attendance at classes.
- Enrolling students in these courses with the Omaha North counselor, Dr. Lilliane Jamal. [Phone: \(402\) 557-3400](tel:4025573400) email: [lilliane.jamal@ops.org](mailto:lilliane.jamal@ops.org)
- Communicating course arrangements, credits, and student schedule to OVS staff and counselor.

## ENROLLMENT OPTIONS VISUAL

Only full-time students can earn an Omaha Public School’s diploma at Omaha Virtual School.

	<b>Full-Time Enrollment 7 courses</b>	<b>Part-Time Enrollment 4 course minimum</b>
	DIPLOMA EARNING PATHWAY	NOT ON DIPLOMA EARNING PATHWAY
<b>Omaha Public School Resident</b>	<ul style="list-style-type: none"> <li>• Can take courses at partner school, Omaha North if not offered by OVS</li> <li>• Cannot take courses at neighborhood school because full-time with OVS</li> <li>• Can participate in athletics/activities at O. North (only if enrolled in 4 or more courses at North for NSAA sanctioned activities/athletics)</li> <li>• Can participate in clubs (not NSAA sanctioned at Omaha North).</li> </ul>	<ul style="list-style-type: none"> <li>• Must obtain acknowledgement of Exempt Home school status from Nebraska Dept. of Ed</li> <li>• Dual enrolled with homeschool</li> <li>• English at OVS Required</li> <li>• Can take courses at partner school, Omaha North if not offered by OVS</li> <li>• Can take courses at OPS neighborhood high school *</li> <li>• Can participate in clubs at Omaha North or OPS neighborhood school</li> <li>• Cannot participate in NSAA sanctioned sports</li> </ul>
<b>Non- Omaha Public School Resident</b>	<ul style="list-style-type: none"> <li>• Can take courses at partner school, Omaha North if not offered by OVS</li> <li>• Cannot take courses at neighborhood school because full-time with OVS</li> <li>• Can participate in athletics/activities at O. North (only if enrolled in 4 or more courses at North for NSAA sanctioned activities/athletics)</li> <li>• Can participate in clubs (not NSAA sanctioned at Omaha North).</li> </ul>	<b>This enrollment scenario is not currently available.</b>

### **\*PART-TIME OPS RESIDENT STUDENTS**

If part-time homeschool/OVS, OPS resident students want to take a course(s) at their neighborhood school, parents are responsible for:

- **Communicate course arrangements, credits, and student schedule to OVS staff and counselor.**
- Transporting students to and from classes at the neighborhood school.
- Ensuring these classes do not interfere with OVS class time.
- Keeping track of the neighborhood school’s schedule and student attendance at classes.
- Enrolling students in these courses with the resident school counselor.

## SAMPLE STUDENT SCHEDULE

Below is a sample schedule for a student at OVS who would attend the Tuesday morning designated class time. Keep in mind that the gray boxes are required components.

Time	Monday	Tuesday	Wednesday	Thursday	Friday
8:30-12:30	Monthly F2F Elective class meetings & clubs *	On Campus- Designated class time	Online only- electives Online lessons	Independent work time @ home	Online lessons core classes
	PE Spanish Earth science Yearbook Speech	Instructional time based on needs and pacing guide	Creative writing Computer Fundamentals Computer Programming Environmental Science Astronomy	Independent work time @ home	English Math
12:30-1:00	Lunch	Lunch	Lunch	Lunch	Lunch
1-4pm	Independent work time @ home	1-3pm Independent Study Lab (optional or required by teacher)	Independent work time @ home	1-3pm Independent Study Lab (optional or required by teacher)	Online lessons core classes
	Independent work time @ home	Independent work time @ home	Independent work time @ home	Independent work time @ home	Social Studies Science

\*Only some elective courses require face to face time during the month. If a student is not enrolled in one of these elective courses, he/she does not have to attend this once/month face to face time, unless they are participating in a club that meets at that time.

## GRADE LEVEL PLACEMENT

Credits are earned at the end of each semester for courses passed. Students are encouraged to adopt a program plan that includes sufficient courses to earn a minimum of 7 credits per semester. This allows the student to take maximum advantage of the learning opportunities offered by Omaha Virtual High School.

### To be on track toward graduation:

Grade 10 Placement (Sophomore)

Grade 11 Placement (Junior)

Grade 12 Placement ( Senior)

Earned at least 13 credits in grade 9.

Earned at least 25 credits in grades 9 and 10.

Earned at least 37 credits in grades 9, 10, and 11.

## TYPICAL CYCLE OF CLASSES

This is just an example. Individual students' schedules will vary, and this does not include elective courses, or honors classes. Math classes are dependent upon the level of achievement in middle school.

	<b>9<sup>th</sup> Grade</b>	<b>10<sup>th</sup> Grade</b>	<b>11<sup>th</sup> Grade</b>	<b>12<sup>th</sup> Grade</b>
<b>English</b>	English 1-2	English 3-4	English 5-6	English 7-8
<b>Social Studies</b>	U.S. History 1-2	Human Geography Economics	Modern World History	American Government
<b>Science</b>	Physical Science 1-2	Biology 1-2	Required Science Elective	Science Elective
<b>Math</b>	Algebra 1-2	Geometry 1-2	Algebra 3-4	Pre-Calc/Trig

## COURSE DROPS

Students register in the spring for the following year. A student will have two opportunities to select courses:

1. At the time of registration
2. Following the original registration when the student receives a copy of course statuses

Dropping a course after the first 15 days of a semester will result in a grade of "F" which is included in grade point average calculations. Requests to drop a course should be initiated by the student or parent to the counselor.

Procedures for withdrawing from a course:

1. Conversation with the teacher
2. Counselor conferencing with teacher and student
3. Problem solving with all parties

## CREDIT RECOVERY

**OVS does NOT offer credit recovery for students during the school year** (see Student Eligibility section). If a student fails a course and does not earn credit during the school year, they must earn the credit in the summer at Omaha North or the student's school of residence. Students must be on track for graduation with the appropriate amount of credits (see Grade level placement section) to remain eligible for OVS High School.

## NEBRASKA STATE TESTING AND OMAHA PUBLIC SCHOOL'S INTERIM TESTING

All students (full-time and part-time) are required to take the state test (ACT-11<sup>th</sup> grade) and the OPS interim assessment, NWEA-MAP, which is required for all 9<sup>th</sup>-12<sup>th</sup> graders, three times/year (Fall, Winter, and Spring).



## **GRADE POINT AVERAGE AND CLASS RANK**

**Grade Point Average (GPA)** is computed by dividing total grade points earned by credits attempted. GPA takes into account the grade earned, amount of credit earned, and the weight (based upon credit) of the course. All graded courses are included in this computation. Pluses and minuses are not calculated in GPA. To determine grade points, courses are weighted as follows:

Grade	Honors courses	All other courses
A	5	4
B	4	3
C	3	2
D	2	1
F	0	0

Class Rank is determined by cumulative or total GPA. The student with the highest GPA in the class is ranked 1<sup>st</sup>, the second highest is ranked 2<sup>nd</sup> and so on. Final rank is based on grades earned in grades 9-12.

## **HONOR ROLL**

To be eligible for the honor roll, each student must:

- (a) maintain a 3.0 minimum grade GPA,
- (b) be enrolled in 4 or more courses, and
- (c) not receive a "F" in any current semester course.

The levels of Honor Rolls are:

**Ocelot High Honor** (4.0 or higher)

**Ocelot Medallion Honor** (3.50 to 3.99)

**Ocelot Achievement Honor** (3.00 to 3.49)

## **DUAL ENROLLMENT**

Dual enrollment opportunities will be provided for OVS students. Dual enrollment courses allow students to earn credit towards high school diploma and college credit. Some dual enrollment courses require students to pass the Accuplacer exam in order to earn credit, and others have course performance requirements. Dual enrollment credit does cost a fee from the credit offering institution (Metropolitan Community College), and fees may vary per course (\$48-\$160) depending on the course and instructor.

## **COURSE PLACEMENT APPEALS**

All Secondary Omaha Public Schools offer a procedure for appealing course placement (i.e. Honors, etc.) Each building may have specific forms and deadlines, however, the following general procedures shall apply:

A student or parent with a course placement appeal may first discuss the matter with the counselor, or building administrator involved, with the object of resolving the matter informally.

## **HOME SCHOOL CREDITS**

Omaha Public School's practice regarding home school credits is to enroll students in courses that best verify the work done in home school coursework. Home school credits will not be entered into the transcript until the student has demonstrated successful completion of the OPS

coursework used to verify. Before high school credits are accepted a review of homeschool transcript will need to occur. Please work with the Omaha Virtual School counselor to complete this task.

### **SUPPLEMENTAL COURSEWORK**

Students can supplement with accredited online courses from other institutions. However, the school/program offering courses has to be accredited through the state of Nebraska and approved by OPS prior to taking the course. Student credit will be added to the transcript upon the completion of course and transcript review from the institution providing the credit.

### **TRANSFER STUDENTS**

Students transferring into Omaha Virtual High School will be held accountable for meeting Omaha Public School's graduation requirements and must provide an official transcript from the previous school/agency. Students will be eligible once verification that students are on track for graduation as per the OPS graduation guidelines.

# Omaha Public Schools

## Schedule Change/Request to Drop a Course

\_\_\_\_\_  
 Last Name                                      First Name                                      Grade                                      Student No.                                      Date

Parent/Guardian Contacted: \_\_\_\_\_ Date: \_\_\_\_\_ by Counselor: \_\_\_\_\_  
(Name of person contacted)

**STUDENT:** Carefully consider both the benefits and consequences of dropping a class. Realize that dropping a class after the first 15 days of the semester will result in a grade of "F" on your report card and on your permanent record.

You must attend all your current classes until your schedule is officially changed.

<b>STEP ONE</b>	Discuss with Counselor	<p><i>(Student Completes)</i></p> <p>I would like to drop my period _____ class which is _____ because</p> <p>_____</p> <p>_____</p> <p style="text-align: right;">_____</p> <p style="text-align: right;">Student Signature</p>
<b>STEP TWO</b>	Discuss with Student, Parent, Teacher and Counselor, Curriculum Specialist	<p>Date of Conference/Conversation: _____</p> <p>Parties included (Check all that apply):</p> <p> <input type="checkbox"/> Student      <input type="checkbox"/> Counselor      <input type="checkbox"/> Administrator _____  <input type="checkbox"/> Teacher      <input type="checkbox"/> Parent      <input type="checkbox"/> Curriculum Specialist/Dept. Head         </p> <p>Notes: _____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>Parent Contacted (Name): _____ by: _____ Date: _____</p> <p>Student Signature: _____ Date: _____</p> <p>Teacher Signature: _____ Date: _____</p> <p>Counselor Signature: _____ Date: _____</p> <p>Curr. Spec./Dept. Head Signature: _____ Date: _____</p>
<b>STEP THREE</b>	DATA Administrator Complete	<p>Course name and #: _____ Teacher: _____</p> <p>Change Course and #: _____ Period: _____</p> <p>1st Semester: _____ 2nd Semester: _____ Both Semester: _____ Drop Grade: _____</p> <p>Student will be dropped with an "F" unless exceptions are noted: _____</p> <p>Drop Grade - DNF (not in GPA) DCF (in GPA) DPA DPB DPC DPD Remain in Class: _____</p> <p style="text-align: right;">_____</p> <p style="text-align: right;">Data Administrator's Signature</p>

Office Use Only:

Remain in Class: \_\_\_\_\_  
 Drop Class (Record Grade as: \_\_\_\_\_)  
 New Schedule Issued (Date): \_\_\_\_\_

# Omaha Public Schools Graduation & College Entrance Requirements



	OPS GRADUATION REQUIREMENTS	COLLEGE ENTRANCE REQUIREMENTS*
SUBJECT	CREDITS	YEARS
English	8 CREDITS Grade 9 – English 1 & 2 Grade 10 – English 3 & 4 Grade 11 – English 5 & 6 Grade 12 – English 7 & 8	4 years Fulfilled by OPS requirements
Social Studies	7 CREDITS Grade 9 – U.S. History 1 & 2 Grade 10 – Human Geography & Intro to Economics Grade 11 – World History 1 & 2 Grade 12 – American Government	3 years Fulfilled by OPS requirements
Mathematics	6 CREDITS Grade 9 – Math as Recommended Grade 10 – Math as Recommended Grade 11 – Math as Recommended	3 years Algebra 1-2, Geometry 1-2, Algebra 3-4, UNL – One additional year of math beyond Algebra 3-4
Science	** 6 CREDITS Grade 9 – Physical Science 1 & 2 Grade 10 – Biology 1 & 2 Grade 11 – Science Elective	3 years Fulfilled by OPS requirements UNL, UNO, UNK – 2 years must be selected from Biology, Chemistry, Physics, or Earth Science
Physical Education	4 CREDITS	
Human Growth & Development	1 CREDIT	N/A
Personal Finance	1 CREDIT Grade 12 – Personal Finance	
Electives	16 CREDITS <i>Consider education plans and interests</i>	
World Language	N/A	2–3 years of the same language
<b>TOTAL</b>	<b>49 CREDITS REQUIRED</b> <i>For all OPS High Schools</i>	

## RECOMMENDED ON TRACK INDICATORS

Grade Level	9 - Freshman	10 - Sophomore	11 - Junior	12 - Senior
Credits Earned	13 credits	25 total credits	37 total credits	49 total credits in Required subjects

**Note:** 49 Credits are required to graduate.

### \*NEBRASKA COLLEGE ENTRANCE REQUIREMENTS:

Metro Community College and other Nebraska Community Colleges – Proof of graduation from an accredited high school.  
Nebraska State College System – Chadron, Peru, Wayne – Proof of graduation from an accredited high school.  
University of Nebraska System – UNO, UNL, UNK (in line with NCAA requirements) – See your OPS District Student Handbook

*Students and parents/guardians should research the requirements of each institution to ensure that students have selected appropriate courses.*

*For students attending King Science Technology Magnet who take Biology and Physical Science their sequence could look different at their respective high schools.*

**\*\* For students who have successfully completed Physical Science in 8th grade, their sequence will begin with Biology.**

Omaha Public Schools does not discriminate on the basis of race, color, national origin, religion, sex (including pregnancy), marital status, sexual orientation, disability, age, genetic information, gender identity, gender expression, citizenship status, veteran status, political affiliation or economic status in its programs, activities and employment and provides equal access to the Boy Scouts and other designated youth groups. The following individual has been designated to accept allegations regarding non-discrimination policies: Superintendent of Schools, 3215 Cuming Street, Omaha, NE 68131 (531-299-9822). The following persons have been designated to handle inquiries regarding the non-discrimination policies: Director for the Office of Equity and Diversity, 3215 Cuming Street, Omaha, NE 68131 (531-299-0307).



16834 – Virtual School

## 2018-19 Course Options

### 9<sup>th</sup> Grade

9th grade Full-time Course requirements	Duration	Credit
English 9 or Honors English 9*	2 semesters	2
US History or Honors US History*	2 semesters	2
Physical Science/Honors Physical science OR Biology/Honors Biology*	2 semesters	2
Math	2 semesters	2
Computer Fundamentals (required elective)	2 semesters	2
PE (required)	2 semesters	2
Total		12 credits

\*course require teacher recommendations/previous course criteria

Elective Choices--Pick one, year-long course OR two, semester long courses (equivalent of 2 credits)

9th grade Elective choices	Duration	Credit
Journalism	2 semesters	2
Creative Writing	1 semester Only offered 1st semester	1
Astronomy	1 semester Only offered 2nd semester	1
Honors Computer Science & Software Engineering	2 semesters	2
Earth Science	2 semesters *has to have completed physical science	2
Spanish 1	2 semesters	2

## 2018-19 Course Options

### 10<sup>th</sup> Grade

<b>10th grade Full-time Course requirements</b>	<b>Duration</b>	<b>Credit</b>
English 10 or Honors English 10*	2 semesters	2
Economics (semester 1) and H. Geography (semester 2)	2 semesters	2
Earth Science OR Biology/Honors Biology*	2 semesters	2
Math	2 semesters	2
PE (required)	2 semesters	2
Human Growth & Development (OPS required-opt-out option)	1 semester	1
<b>Total</b>		<b>11 credits</b>

Elective Choices--Pick two, year-long courses (4 credits) OR equivalent of 4 credits

<b>10th grade Elective choices</b>	<b>Duration</b>	<b>Credit</b>
Journalism	2 semesters	2
Yearbook	2 semesters	2
Creative Writing	1 semester Only offered 1st semester	1
Astronomy	1 semester Only offered 2nd semester	1
H. Computer Science	2 semesters	2
Earth Science	2 semesters	2
Spanish 1	2 semesters	2
Dual Enrollment Speech	1 semester Only offered 2nd semester	1
Computer fundamentals	2 semesters Those who didn't take as 9th grade	2

# ENGLISH

## **ENG108: English 9/English 1-2**

**010341-010342**

K12's English 9 Summit course includes engaging and interactive instruction about reading, writing, speaking and listening, and language, with a focus on exploring a wide variety of genres and their elements. Students learn how to carefully read, interpret, and analyze literature and nonfiction works of cultural or historical significance appropriate to grade 9. Throughout the course, students practice narrative, informative, and argument writing. Students also develop and deliver presentations, and participate in discussions with their peers.

Course Length: Two semesters; Credit: 2 credits

Prerequisite: English 8

## **ENG109: English 9 Honors/Honors English 1-2**

**010351-010352**

K12's English 9 Honors Summit course includes engaging and interactive instruction about reading, writing, speaking and listening, and language, with a focus on exploring a wide variety of genres and their elements. Students learn how to carefully read, interpret, and analyze literature and nonfiction works of cultural or historical significance appropriate to Grade 9. Throughout the course, students practice narrative, informative, and argument writing. Students also develop and deliver presentations, and participate in discussions with their peers.

Course Length: Two semesters; Credit: 2 credits

Prerequisite: B or higher in English 8 or Honors English 8 and/or teacher recommendation

## **ENG208: English10/English 3-4**

**010411/010412**

This course continues the focus on reading, writing, listening, and multiple literacies. Students will use a variety of conceptual lenses (relationships, culture, responsibility, integrity, and honor) to gain command of essential skills in written and oral communication and reading of narrative and informational text. Writing sample may include descriptive, narrative, analytical, expository, persuasive, argumentative and technical.

Course length: Two semesters; Credit: 2 credits

Prerequisite: English 9

## **ENG209:English10 Honors/Honors English 3-4**

**010421/010422**

This course provides a more rigorous and intensive study of reading, writing, speaking, and listening. Students will read a variety of narrative and informational texts. Five written papers are required. Additional course work is required above and beyond the regular English 3-4 course.

Course length: Two semesters; Credit: 2 credits

Prerequisite: Grade of A or B in Honors English 1-2, or teacher recommendation

# MATH

## **MTH113: Pre-Algebra /Pre-Algebra 1-2**

**040161/040162**

This course is designed to meet the needs of the student who will benefit from a transition course which bridges the similarities of arithmetic and algebra. This course will contain spiraling reinforcement of basic algebraic concepts and topics in order to prepare students for successful placement in Algebra 1-2. This course will cover the content standards for pre-algebra, including operations on real numbers, conversions among fractions, decimals, and percents, solving linear equations and inequalities, graphing linear equations, working with polynomials, and using measures of central tendency to interpret data.

Course Length: Two semesters; Credit: 2 credits

Prerequisite: Teacher recommendation

## **MTH128: Algebra 1/Algebra 1-2**

**040271/040272**

K12's Algebra 1 Summit course is intended to formalize and extend the mathematics that students learned in the middle grades. Because it is built to follow revised middle school math courses, the course covers slightly different ground than previous versions of algebra. In this course, students deepen their understanding of linear and exponential relationships by contrasting them with each other. Students also apply linear models to data that exhibit a linear trend. The course also covers analyzing, solving, and using quadratic functions.

Course Length: Two semesters; Credit: 2 credits

Prerequisite: Students who took Algebra 1-2 in at the middle school and did not receive a grade of a B or better must begin in Algebra 1-2.

## **MTH129: Algebra Honors 1/Honors Algebra 1-2**

**040281/040282**

K12's Algebra 1 Honors Summit course is intended to formalize and extend the mathematics that students learned in the middle grades. Because it is built to follow revised middle school math courses, the course covers slightly different ground than previous versions of algebra. In this course, students deepen their understanding of linear and exponential relationships by contrasting them with each other. Students also apply linear models to data that exhibit a linear trend. The course also covers analyzing, solving, and using quadratic functions. Each semester also includes an independent honors project.

Course Length: Two semesters; Credit: 2 credits

Prerequisite: Teacher recommendation

## **MTH208: Geometry/Geometry 1-2**

**040351/040352**

K12's Geometry Summit course builds on the geometry covered in middle school to explore more complex geometric situations and deepen students' ability to explain geometric relationships, moving toward formal mathematical arguments. Specific topics include similarity and congruence, analytic geometry, circles, the Pythagorean theorem, right triangle trigonometry, analysis of three-dimensional objects, conic sections, and geometric modeling.

Course Length: Two semesters; Credit: 2 credits

Prerequisite: Passing grades in both semesters of Algebra 1-2 (or equivalent)



Note: *Students intending to register for calculus in their junior or senior year are required to follow an honors level curriculum in mathematics*

**MTH209: Geometry Honors/Honors Geometry 1-2**

**040361/040362**

K12's Geometry Honors Summit course builds on the geometry covered in middle school to explore more complex geometric situations and deepen students' ability to explain geometric relationships, moving toward formal mathematical arguments. Specific topics include similarity and congruence, analytic geometry, circles, the Pythagorean theorem, right triangle trigonometry, analysis of three-dimensional objects, conic sections, and geometric modeling. This course includes all the topics in MTH208 as well as several extension activities. Each semester also includes an independent honors project.

Course Length: Two semesters; Credit: 2 credits

Prerequisite: Grade of A or B in Honors Algebra 1-2 or teacher recommendation

Note: *Students intending to register for Calculus in their junior or senior year are required to follow an honors level curriculum in mathematics.*

**MTH308: Algebra 2/Algebra 3-4**

**040291/040292**

This course covers the topics of the traditional second year algebra course. Content includes solving polynomial equations, linear, absolute value, quadratic equations and inequalities, exponents, logarithms, complex numbers, and simple probability.

Course length: two semesters; Credit: 2 credits

Prerequisites: Passing grades in ALL semesters of Algebra 1-2 and Geometry 1-2

**MTH309: Algebra 2 Honors/Honors Algebra 3-4**

**040301/040302**

This course provides a rigorous and intensive study of traditional second year algebra. Content includes solving polynomial equations, linear, absolute value, quadratic equations, exponents, logarithms, complex numbers, matrix algebra, series, sequences, and compound probability. Each semester also includes an independent honors project.

Course length: two semesters; Credit: 2 credits

Prerequisites: Grade of A or B in Honors Algebra 1-2 and Honors Geometry 1-2 or teacher recommendation.

Note: *Students intending to register for calculus in their junior or senior year are required to follow an honors level curriculum in mathematics*

**MTH403: Pre-Calc/Trigonometry**

**040401/040402**

This course includes topics necessary for successful study of calculus. Topics may include polar coordinates, right triangle trigonometry, circular functions, logarithms, and graphs of rational and polynomial relations and functions.

Course length: two semesters; Credit: 2 credits

Prerequisites: Passing grades in all semesters of Algebra1-2, Geometry1-2, Algebra 3-4

**HONORS PRE-CALCULUS/TRIGONOMETRY**

**040411/ 040412**

Honors Pre-Calculus Trigonometry includes an in-depth study of trigonometry and is designed as a pre-calculus course for the student who is preparing for a rigorous course in calculus.

Course length: two semesters; Credit: 2 credits

Prerequisite: Grade of A, or B in Honors Algebra 3-4 and Honors Geometry1 -2 or teacher recommendation

Note: *Students intending to register for calculus in their junior or senior year are required to follow an honors level curriculum in mathematics.*

## **SCIENCE**

### **SCI102: Physical Science 1-2**

**060501/060502**

Students explore the relationship between matter and energy by investigating force and motion, the structure of atoms, the structure and properties of matter, chemical reactions, and the interactions of energy and matter. Students develop skill in measuring, solving problems, using laboratory apparatuses, following safety procedures, and adhering to experimental procedures. Students focus on inquiry-based learning, with hands-on laboratory investigations and virtual laboratory experiences.

Course Length: Two semesters; Credit: 2 credits

Grade Level: 9

### **SCI103: Honors Physical Science 1-2**

**060531/060532**

This course offers a rigorous experience that exposes students to concepts in chemistry, physics, earth science, and space science. Topics may include matter, energy, forces and motion.

Course length: Two semesters; Credit: 2 credits

Prerequisite: Grade of A or B in 8<sup>th</sup> grade science and concurrent enrollment in Algebra 1-2

### **SCI203: Biology 1-2**

**060411/060412**

This course engages students in inquiry-based problem-solving investigations relevant to daily life. Topics may include the cell, molecular basis of heredity, evolution, organisms, matter, energy, and living systems.

Course length: Two semesters; Credit: 2 credits

Prerequisite: Physical Science

### **SCI204: Honors Biology 1-2**

**060431/060432**

This course offers a rigorous approach to the study of the cell, molecular heredity, biological evolution, matter, energy and living organisms.

Course length: Two semesters; Credit: 2 credits

Prerequisite: A or B in Honors Physical Science or teacher recommendation

# SOCIAL STUDIES

## **HST303: U.S. HISTORY 1-2**

**030901/030902**

This course continues the study of United States history from 1914 to the present. Students address the social, economic, and political development of the nation and relate it to both the past and present. Instruction is organized around the themes of geography, history, economics, culture, and the elements of citizenship. Students investigate these themes using textbooks, newspapers, novels, primary sources, and technology.

Course Length: Two semesters; Credit: 2 credits

Grade level: 9

## **HST304: HONORS U.S. HISTORY 1-2**

**030911/030912**

This course continues the study of United States History from 1914 to the present. Students address the social, economic, and political development of the nation and relate it to both the past and present. Instruction is organized around the themes of geography, history, economics, culture and the elements of citizenship. Students investigate these themes using textbooks, newspapers, novels, primary sources, and technology. Students are required to research and analyze specific concepts in United States history and relate it to current events. This is a rigorous course designed for motivated students.

Course Length: Two semesters; Credit: 2 credits

Grade level: 9

Prerequisite: Grade of A or B in 8<sup>th</sup> grade social studies or teacher recommendation.

## **HST413: INTRO TO ECONOMICS**

**030461**

This course examines the key concepts of economics through the study of various sectors of the free enterprise market system. Emphasis is given to the role of citizen in the American market structure.

Course Length: One semester—1st semester only; Credit: 1 credit

Grade level: 10

## **HST413:HONORS INTRO. TO ECONOMICS**

**030481**

This course examines the key concepts of economics through study of the various sectors of the market system. Fundamentals, micro, macro and international economic concepts will be presented and studied. Emphasis is given to the role of the citizen in America's market structure. Students are required to research and analyze the structure and function of economics in the world today. This is a rigorous course designed for motivated students.

Course length: One semester—1<sup>st</sup> semester only; Credit: 1 credit

Grade level: 10

Prerequisite: Grade of A in 9<sup>th</sup> grade social studies or teacher recommendation

**HST222: GEOGRAPHY****031011**

This course provides an effective method of studying the human activities on planet earth. Human interaction with one another and the environment will be studied and analyzed to provide an understanding of the world. There are four units: Population and Cultural Geography, Urban Geography, Political Geography, Economic and Environmental Geography.

Course Length: One semester—2nd semester only; Credit: 1 credit

Grade level: 10

**HONORS GEOGRAPHY****030181**

This course provides an effective method for asking questions about places on earth and their relationships to the people who live there. The geography, economics, history, culture and human interaction with the environment will be studied and analyzed to provide an understanding of the world in which we live. This course includes indepth research and analysis about the relationship between humans, economic development and the environment. Reading, writing and activity-based assignments are designed for students willing to take on extra academic challenges. This is a rigorous course designed for motivated students.

Course Length: One Semester—2<sup>nd</sup> semester only; Credit: 1 credit

Grade Level: 10

Prerequisite: Grade of A in 9<sup>th</sup> grade social studies or teacher recommendation

## **OVS ELECTIVES**

**TCH020: COMPUTER FUNDAMENTALS****130821/130822**

In this introductory course, students will become familiar with the basic principles of a computer, including the internal hardware, the operating system, and software applications. Students will gain practice in using key applications such as word processors, spreadsheets, and presentation software, as well as understanding social and ethical issues around the Internet, information, and security.

Course Length: Two semesters; Credit: 2 credits

Grade level: 9

**REQUIRED ELECTIVE**

**HONORS COMPUTER SCIENCE AND SOFTWARE ENGINEERING** **171081/171082**

Open doors in any career with computer science! In CSE, students create apps for mobile devices, automate tasks in a variety of languages, and find patterns in data. Students collaborate to create and present solutions that can improve people's lives, and weigh the ethical and societal issues of how computing and connectivity are changing the world.

Course Length: Two semesters; Credit: 2 credits

Grade level: 9, 10, 11, 12

Online only

**OTH032: ASTRONOMY****060801**

Astronomy is a study of the objects in the night sky, their size, motions, composition, and relation to one another. Students study the Earth-moon system, diagram objects in the solar system, explore the leading theories for the origin of the universe, and outline the life cycle of a star. Students develop techniques to help them locate and identify objects in the night sky.

Course Length: One semester—2<sup>nd</sup> semester only; Credit: 1 credit

Grade level: 9, 10, 11, 12

**SCI113: EARTH SCIENCE 3-4****061061/061062**

This lab-based course builds upon the Nebraska state standards for Earth science that were introduced in the Physical Science course. Students use scientific inquiry to further explore concepts of Earth's composition and how it's studied, the history and dynamics of Earth, and reshaping the Earth's crust, atmosphere, atmospheric forces and oceans.

Course length: Two semesters; Credit: 2 credits

Prerequisite: Physical Science 1-2 and teacher recommendation

Journalism/Yearbook Course Sequence			
Year 1	Year 2	Year 3	Year 4
	Prerequisite: Journalism 1-2 w/ C or higher	Prerequisite: Yearbook 1-2 w/ C or higher	Prerequisite: Yearbook advisor permission
Journalism 1-2	Yearbook 1-2	Yearbook 3-4	Honors Yearbook 3-4
Honors Journalism 1-2	Honors Yearbook 1-2	Honors Yearbook 3-4	Honors Yearbook 3-4

**ENG010: JOURNALISM 1-2****020411/020412**

This course introduces students to the field of journalism including the newspaper, photography, and yearbook. Students will learn the history, law, and ethics of journalism as well as journalistic writing, reporting and interviewing, and layout and design. Students are expected to work both individually and collaboratively.

Course Length: Two semesters; Credit: 2 credits

Grade level: 9,10, 11, 12

**HONORS JOURNALISM 1-2****020531/202532**

This course introduces students to the field of journalism including the newspaper, photography, and yearbook. Students will learn the history, law, and ethics of journalism as well as journalistic writing, reporting and interviewing, and layout and design. Students are expected to work both individually and collaboratively and must be willing to take on additional responsibilities and assignments.

Prerequisite: English teacher recommendation

Course Length: Two semesters; Credit: 2 credits

Grade Level: 9, 10, 11

**YEARBOOK 1 & 2****020441/020442**

Students enrolled in this course are responsible for the production of the school yearbook. Students will work individually and collaboratively on their assignments. Quality writing, editing, advertising, photography, and layout design skills are studied.

Prerequisite: Journalism 1-2.

Course Length: 2 semesters; Credit: 2 credits

Grade Level: 10, 11, 12

**HONORS YEARBOOK 1 & 2****020471/ 020472**

This course allows students to learn the fundamentals of yearbook production, including designing the yearbook, doing photography, writing and editing copy, creating page designs and page layouts, acquiring advertising, marketing the book, managing sales, and distributing the final copy. Students are expected to assume leadership management roles as requested and as assigned in the planning and production of the yearbook. As an honors course, students are required to complete supplementary readings in mass media topics and to complete related research assignments.

Prerequisite: see Yearbook Course Sequence

Course Length: 2 semesters; Credit: 2 credits

Grade Level: 10, 11, 12

**HONORS YEARBOOK 3 & 4****021481 - 021482**

This course provides students additional opportunities to grow and develop as journalists and leaders by assuming additional responsibilities and assignments. *This course may be taken several times for multiple credits.*

Prerequisite: Yearbook advisor permission.

Course Length: 2 semesters; Credit: 2 credits

Grade Level: 11, 12

**ENG020: PUBLIC SPEAKING/SPEECH****020511**

This course focuses on acquainting students with the communication process and on developing and improving students' public speaking skills and their oral interpretation skills through instruction, which focuses on the teaching of the fundamentals of speech, and through requiring students to perform various speaking activities.

Course Length: One semester; Credit: 1 credit

Grade level: 10, 11, 12

**ADVANCED SPEECH 1--DUAL ENROLLMENT CREDIT****020521**

This course focuses on acquainting students with the communication process and on developing and improving students' public speaking skills and their oral interpretation skills through instruction, which focuses on the teaching of the fundamentals of speech, and through requiring students to perform various speaking activities.

Course Length: One semester—2<sup>ND</sup> SEMESTER ONLY; Credit: 1 credit

Grade level: 10, 11, 12

Prerequisite: "A" in the previous/current English course and/or teacher recommendation

**ENG030: CREATIVE WRITING****020351**

Students create original essays, poems, and short stories in this course, which uses two textbooks and focuses on the four-step process writing model. They read professionally written forms of creative writing as models and then integrate their impressions of these works with their personal life experiences as they compose their own writing projects. Students are encouraged to write about topics they find engaging as they practice writing on the following themes: narration, definition, process analysis, cause and effect, and comparison/contrast.

Course Length: One semester; Credit: 1 credit—1<sup>st</sup> Semester only

Grade level: 9, 10, 11, 12

**HST010: ANTHROPOLOGY****030631**

This course presents a behavioral science that focuses on the study of humanity and culture. Students learn the foundations of the five main branches of anthropology including physical, social, linguistic, archeological, and cultural. They are provided the opportunity to apply their observational skills to the real-life study of cultures in the United States and around the world.

Course Length: One semester—Offered 1<sup>st</sup> semester only; Credit: 1 credit

Grade level: 11, 12

**HST050: SOCIOLOGY****030531**

Sociology explores the structure of society from both a historical and contemporary base. Students examine the ways in which people interact with one another. This involves learning about relationships in social institutions, such as the family, and the organization of societies, both locally and globally. The course also deals with vital issues and social concerns, such as the struggle for civil rights, socialization at a young age, adolescent relationships, crime, poverty, and social stratification.

Course Length: One Semester—Offered 2<sup>nd</sup> semester only; Credit: 1 credit

Grade Level: 11, 12

## **WORLD LANGUAGES**

**WLG100: Spanish 1****160501/160502**

The first-year stresses interpretive, presentational and interpersonal communication abilities to develop survival skills in Spanish awareness and understanding of the Spanish culture in America and the world.

Course length: two semesters; Credit: 2 credits

Grade level: 9, 10, 11

# **FAMILY AND CONSUMER SCIENCE**

## **Human Growth and Development**

**070931**

This course helps students acquire responsible decision-making skills related to wellness, communication skills, healthy relationships, preventing abuse, chemical abuse, sexuality, prenatal care. All senior high students are required to enroll, but a parent may choose to have their student opt out.

Course length: one semester; Credit: 1 credit

Grade level: 10

# **PHYSICAL EDUCATION**

## **OTH020: PHYSICAL EDUCATION 1-2**

**070181/070182**

Successful completion of this course includes monthly meetings at Western Hills Elementary School for students to demonstrate skills and abilities to meet state physical education standards. Daily work will be completed and submitted online. Exercises and aerobic conditioning activities are required. Multiple mini-units will be offered using a combination of individual, dual and team sports as well as introductory units in weight lifting and aerobics.

Course Length: Two semesters; Credit: 2 credits

Grade Level: 9

## **OTH020: TEAM SPORTS**

**070471/070472**

Successful completion of this course includes monthly meetings at Western Hills Elementary School for students to demonstrate skills and abilities to meet state physical education standards and to participate in team sports. Students will be involved in instruction of team activities that may include flag football, Ultimate Frisbee, Ultimate football, lacrosse, field hockey, volleyball, basketball, team handball, floor hockey, soccer, speedball and softball. The study of each sport will emphasize rules of the sport, strategy and skill development. Students will also develop a fitness program, which can be used throughout the student's life to maintain a healthy lifestyle.

Course Length: Two semesters; Credit: 2 credits

Grade Level: 10, 11, 12