



**2022-23**  
**HIGH SCHOOL**  
**COURSE CATALOG**

Last Updated 6.3.2022

# Omaha Virtual High School

3215 Cuming Street

Omaha, NE 68117

(531) 299-0269 – Phone

Website: [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 (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 (402-557-2001). The following persons have been designated to handle inquiries regarding the non-discrimination policies: Director for the Office of Equity and Diversity, 3215 Cuming St, Omaha, NE 68131 (531-299-0307).

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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. We are confident that through our program, our graduates will embody the Portrait of a Graduate that Omaha Public Schools aims for every graduate.

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

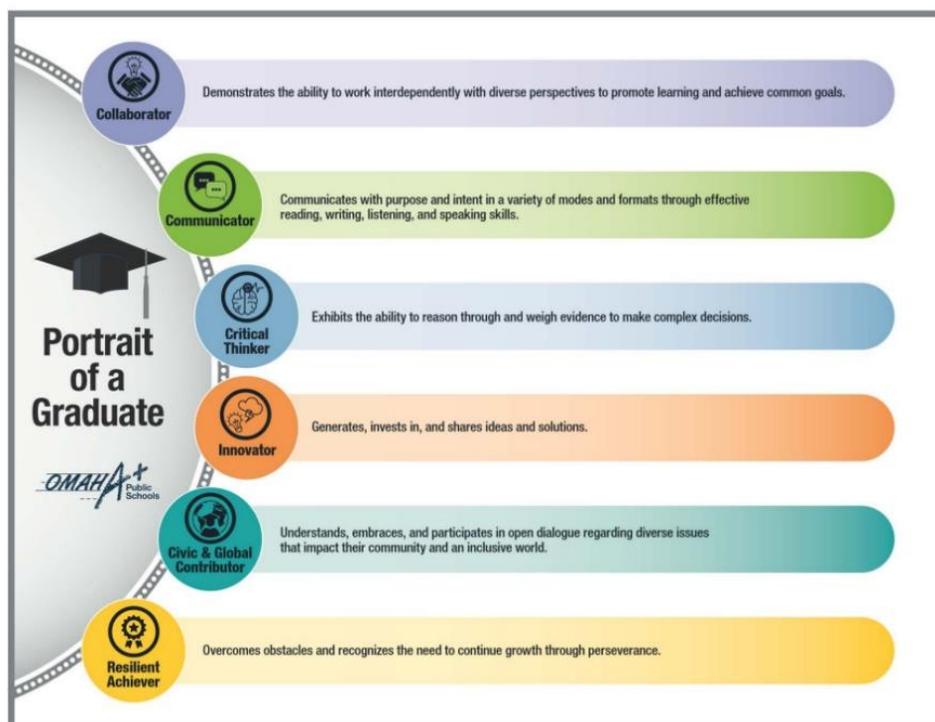
- grow our student body to serve more students.
- offer dual enrollment courses in partnership with Metropolitan Community College.
- create a schedule that will allow students to thrive in the blended learning environment.

Our goal is to continue to grow and add course offerings to enhance our students' experience. For the 2022-23 school year we are offering Advanced Placement courses and the opportunity for students to earn dual enrollment credits from Metropolitan Community College.

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,

Dr. Wendy Loewenstein  
Omaha Virtual School Director



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## **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).
- 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 learners participate in learning at school and online. In our enriched virtual model of blended learning, learners spend the majority of their learning time at home, online navigating independently through our online coursework.

Learners are expected to:

- engage in coursework independently 5 days per week for 6 hours per day.
- attend classes on campus at least once per week.
- attend live, online lessons (synchronous) throughout the week.
- communicate/interact with learning facilitators regularly via email, phone, virtual meetings.

## **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 or in-person intervention session with their teacher where they can re-learn or practice a skill.

If learners have not completed their coursework for the week and/or are earning an in-progress grade (IP) equivalent to “D” or “F” they will be required to attend the Community Academic Recovery Lab (CARL), every day the following week for half-day sessions. Attendance is required and absences will be recorded if the learner does not attend. The purpose of attending CARL is to teach students how to plan, organize, and prioritize their learning in a supported environment.

## 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 enrollment status throughout the year**. 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 a minimum of 7 classes/semester (or necessary course load to be on track for graduation)
- Part-time enrollment (two scenarios):
  - with homeschool—**Not on diploma earning pathway**
    - requires students to take a minimum of 4 courses. English is a required course.
    - Requires exempt homeschool status from the state.
  - with OPS school—**Diploma earning pathway**
    - requires students to take a minimum of 4 courses at OVS. English is a required course.
    - Concurrent enrollment would be with the student's OPS neighborhood school.
- **Please note:** Students who chose to switch to part-time status after being full-time at OVS, may not be eligible to return to full-time status if they are not credit sufficient. (Refer to the chart for a visual of enrollment options at OVS.)

## PART-TIME ENROLLMENT RESPONSIBILITIES

Changing enrollment status is only allowed at beginning of school year. If a student is enrolling as part-time status, with homeschool or OPS school, parents are responsible for:

- Communicating part-time enrollment status with OVS in writing.
- Enrolling student in the course through the appropriate processes.
- **Meet with OVS school counselor to develop a course plan to ensure awareness of part-time implications of credits and diploma.**
- Communicating student schedule and enrollment plan to OVS counselor.
- Maintaining their students' records/transcripts from other institutions
- Transporting students to and from classes
- Ensuring 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 or program.

If the student is taking additional courses at another institution, it is the parent/guardian's responsibility to make sure credits can transfer to OPS graduation requirements, if that is the intention of the student. The parent/guardian must provide six weeks-notice, prior to the start of the class for credit/institution approval from OPS. This process is started by emailing the program director with the name of the course and the credit-offering institution.

## ACTIVITIES & ATHLETICS PARTICIPATION

<p align="center"><b>Full-Time Enrollment</b> 7 course minimum</p> <p align="center">DIPLOMA EARNING PATHWAY</p>	<p align="center"><b>Part-Time OVS</b> Part-Time Homeschool</p> <p align="center"><b>4 course OVS Minimum</b> NON-DIPLOMA EARNING PATHWAY</p>
<ul style="list-style-type: none"> <li>• Can take courses at neighborhood school if not offered by OVS</li> <li>• Can participate in clubs and NSAA sanctioned sports/activities at neighborhood school.</li> <li>• OVS students must meet NSAA and OPS academic eligibility guidelines.</li> </ul>	<ul style="list-style-type: none"> <li>• Must obtain Exempt Home school status from Nebraska Dept. of Ed</li> <li>• Can participate in clubs at OPS neighborhood school</li> <li>• Can participate in NSAA sanctioned sports/activities if student meets academic eligibility guidelines, including a minimum of 4 classes per semester that count towards OPS graduation.</li> </ul>

## 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.

	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
<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

## **REGISTRATION GUIDELINES**

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

1. Students select and finalize courses during spring registration.
2. Following spring registration, students can adjust courses based on conflicts in their schedules.

Course changes after the spring are only allowed under the following circumstances:

1. If a course was completed during summer school.
2. If a course that was failed during the previous school year.
3. If there is a schedule conflict that cannot be adjusted without dropping or changing a course.
4. If a student needs to meet graduation requirements.

## **COURSE DROP GUIDELINES**

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

Procedures for withdrawing from a course:

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

\*The first step is to navigate through the schedule change. If it is determined that other faculty need to be included, please use the “Schedule Change/Request to Drop a Course” form. Please see School Counseling for a copy of the OPS Schedule Change/Request to Drop a Course form. Use the “Schedule Change/Request to Drop a Course” form as a last resort.

## **CREDIT RECOVERY**

**OVS does NOT offer credit recovery.** (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>-10<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.

## **ACADEMIC RECOGNITION: 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 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)

## **COURSE PLACEMENT APPEALS**

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

**Level One:** Counselor, Curriculum Specialist, Assistant Principal/Data, or Principal

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 issue informally.

**Level Two:** Chief Academic Office (Department of Curriculum and Instruction Support)

Suppose the course placement appeal is not resolved at Level One, and the individual still wishes to pursue the appeal. In that case, he/she may formalize the request in writing addressed to the Chief Academic Officer of Curriculum Instruction and Support at 3215 Cuming Street, Omaha, NE 68131.

**Level Three:** Superintendent

Suppose the appeal is not resolved at Level Two, and the individual still wishes to pursue the appeal. In that case, he/she may formalize the request to the superintendent of schools after receiving a written response from the Chief Academic Officer of Curriculum Instruction and Support.

These steps shall be taken promptly to accommodate the registration of courses for the school year in question.

### **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. The parent/guardian must provide six weeks-notice, prior to the start of the class for credit/institution approval from OPS. This process is started by emailing the program director with the name of the course and the credit-offering institution.

### **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.



# What every student needs to know about grading

## OPS Grading Scale



<b>A</b>	<b>=</b>	<b>3.26 - 4.00</b>
<b>B</b>	<b>=</b>	<b>2.51 - 3.25</b>
<b>C</b>	<b>=</b>	<b>1.76 - 2.50</b>
<b>D</b>	<b>=</b>	<b>1.01 - 1.75</b>
<b>F</b>	<b>=</b>	<b>0.00 - 1.00</b>

How much time should I spend on homework?



You should expect ten minutes (or more) per day times your grade level.

- 3rd grade = 30 minutes
- 6th grade = 1 hour
- 12th grade = 2 hours

*Time may vary depending on classes.*

Can I redo my work for full credit?

- Students may be allowed to redo/revise work until the end of the unit, based on teacher's professional judgement and evidence. Talk with your teacher.

If I don't turn in my work on time, what happens?

- Work not turned in at all will be recorded in Infinite Campus (district grade book) as an M for missing which calculates to a score of zero.

Am I allowed to turn in coursework late?

- Late coursework may be accepted for full credit until the end of the unit based on the teacher's professional judgment and evidence collected throughout the unit.
- Accepted late work will replace M with the score earned by the student.

Are some assignments worth more than others? \*Secondary only.

- When entering grades in the grade book, teachers may assign greater weight to some major summative assignments.
- For example, the final exam may impact a student's summative grade more than a unit test.
- This information will be communicated to students prior to the day of the assessment.

How can I check my grades?



### Campus Mobile Portal for Parents and Students

Parents and students can now access their Campus Portal information on Android and iOS devices using the Campus Mobile Portal app.



### Where to Download the Campus Mobile Portal App

The Campus Mobile Portal app can be downloaded through the Apple App Store, Google Play Store or Amazon Appstore.



### How to Sign In

In order to connect your device to our district's Infinite Campus server, you need to enter **Our District ID - Omaha Public Schools**. Continue by entering your username and password you use on the web portal. If you do not have a username and password, contact your school. If you forgot your username or password go to:

<http://campus.ops/campus/portal/ops.jsp>

# Omaha Public Schools Common Grading Practices



## How will mastery be evaluated?



**STANDARDS** are what you should know and be able to do.

**GRADING** measures how well students master key concepts (or standards).



### Formative Assessments - during learning

- Lets your teacher know how well you are learning the standards
- 35 percent of your grade
- Work done in class, e.g., homework assignments, short quizzes, or any essay
- Can happen in class or outside of class

### Summative Assessments - at the end of learning

- Lets your teacher know how well you have mastered the standards
- 65 percent of your grade
- Major projects, a unit test, a research paper, a speech, etc.
- Can happen in class or outside of class.

## What is a rubric?

It explains what an Advanced, Proficient, or Basic level of mastery is needed for a specific assignment, test, or project.

If I work with a group on a project, do we all get the same grade?

No. Work done in groups will be graded individually. Group grades are never used.

## How do I earn grades on an assessment?

Teachers assess multiple levels of learning K - 12. Secondary teachers create leveled formative and summative assessments.

(Advanced, Proficient, Basic)

**ADVANCED** is when you did all the work and exceed what you're supposed to do.

⇒ You have performed consistently at a high level of difficulty, complexity, or fluency that is above the expected course content/grade level standard.

**PROFICIENT** is when you did what you are supposed to do.

⇒ You have performed at the level of difficulty, complexity, or fluency that is at the expected course content/grade level standard.

**BASIC** is when you understand the content information and vocabulary.

⇒ You have performed at the level of difficulty on some of the expected course content/grade level standards, but not all.



# 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).





## Dual Enrollment Program

### What is Dual Enrollment?

Dual Enrollment provides high school students the opportunity to take college-credit bearing courses taught by college-approved high school teachers in the student's home high school building. The term 'Dual Enrollment' means a program offered by a partnership between at least one institution of higher education and at least one local educational agency through which a secondary school student who has not graduated from high school with a regular high school diploma is able to enroll in one or more postsecondary courses and earn postsecondary credit that—

- (A) is transferable to the institutions of higher education in the partnership; &
- (B) applies toward completion of a degree or recognized educational credential as described in the Higher Education Act.

Students gain exposure to the academic challenges of college while in their supportive high school environment, earning transcribed college credit at the time they successfully pass the course. Essentially, dual enrollment prepares students for success in college and careers by increasing access to higher education, lowering the cost of college, and shortening student time to earning a degree or certification.

Dual Enrollment is currently offered in OPS through two primary programs:

- 1) Gifted and Talented Education (GATE)
  - a. Advanced Placement (AP)
- 2) Career Education (CE).
  - a. Connected to a Pathway or Academy plan of study

### Dual Enrollment Benefits.

**Reduced Tuition Cost.** Participating students have a reduced tuition rate or may qualify for FREE tuition through a scholarship program authorized by the Nebraska State Legislature.

**MCC: \$50 per course.**

**UNO: \$250 per course.**

**Midland U: \$250 per course**

\*Tuition Costs are determined by the postsecondary institution.

The Omaha Public Schools District provides the textbook and all course materials necessary for completion of the dual enrollment course. Tuition payment is the responsibility of the student. If a student qualifies for federal needs-based programs, they may be eligible for FREE tuition. The ACE scholarship program pays mandatory tuition fees for qualified high school students to enroll in dual enrollment courses. The basic criteria for high school students to qualify for the ACE scholarship is their eligibility status to receive assistance under a variety of federal programs, most notably the free and reduced lunch program. Students must work with a building official or counselor to complete the online ACE application. More information on ACE can be found at <http://ccpe.state.ne.us/publicdoc/ccpe/Financial%20Aid/ACE/>

**Credits Transfer.** Students begin creating an official college transcript with participation in a dual enrollment course. College institutions determine the transferability of credit, but typically credits transfer as follows:

**AP Courses:** transfer as general education requirements in either humanities, social sciences, natural sciences, or mathematics to 4-year/2-year institutions

**CE courses:** transfer as required credits at the issuing institution towards an associate's degree or certification, or to a similar 2-year institution with like programming, or may transfer as elective credits at 4-year institutions.

Students should request transcripts from any college he/she has earned dual enrollment credit with and provide them to the college/university during the admission process. It is the student's responsibility to disclose any college credit earned during high school, whether from an AP or CE dual enrollment course, to their college advisor.

**OMAHA VIRTUAL SCHOOL  
DUAL ENROLLMENT (DE) COURSE OFFERINGS**

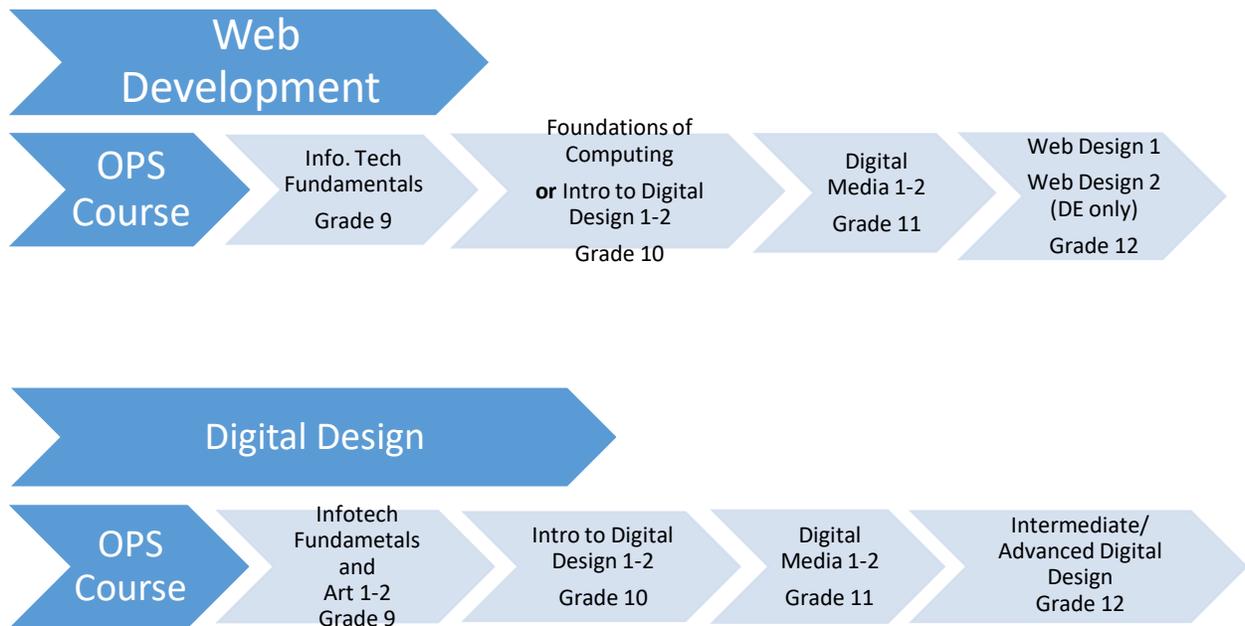
<b>Course Title</b>	<b>High School Course ID</b>	<b>Post-Secondary Institution</b>	<b>Post-Secondary Course ID</b>
Web Design 2	130282	MCC	INFO 1311

## PROGRAMS OF STUDY-CAREER EDUCATION (CE)

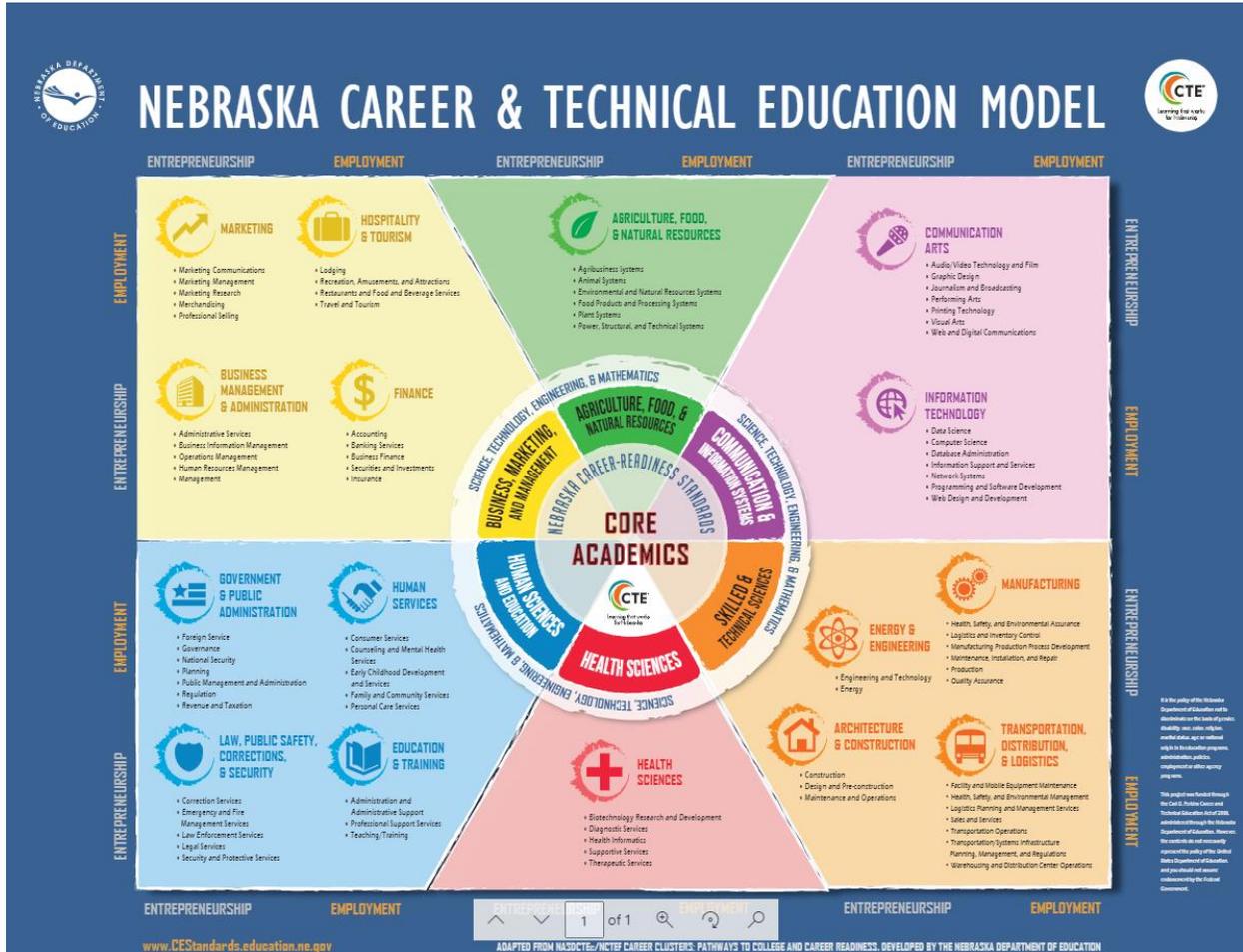
Programs of study provide all students, whether planning to earn a college degree or enter into a career upon graduation from high school, an opportunity to develop clear pathways to meaningful employment through opportunities in career exploration. Omaha Virtual High School currently offers two programs of study:

1. Web Design
2. Digital Media

These programs can include dual enrollment credit opportunities. Please refer to the courses below and descriptions listed later in this course guide. (DE means this course is only offered for dual enrollment).



# NEBRASKA CAREER EDUCATION MODEL



### Career Center Courses

Omaha Virtual School is located in the Career Center building. This is a convenient way for learners to earn elective credits while exploring potential career paths. Applications must be submitted by learners in order to be considered. Please note that Career Center courses are offered every day, in person. Transportation from a learner's neighborhood school is provided via bus.



### **ALL Students can APPLY!**

- Hands-on Learning
- Bus Transportation provided
- Critical Employability Skills
- Earn Industry Certifications
- Access to Early College Credit
- Internships/ Apprenticeships
- Network with Employers



Applications are in your email!  
Career Center Application 22-23.... [Dec 2021](#)

**Connecting Today's Students  
With Tomorrow's Careers**

22-23 Enrollment



- Student Career Plan
- Industry Certifications
- Early College Credit
- Workplace Learning Experiences
- Skills USA Student Organization

**In High Wage, High Skill, & High Demand Careers**

### Automotive Technology

(10,11,12) 2 Credits/Semester

- Work on domestic and foreign cars and trucks in a high-tech precision industry
- Use the same advanced diagnostic and hand tool equipment as industry professionals to troubleshoot complex automotive systems.
- Maintain, repair, and fine-tune a wide range of vehicle engine performance alongside ASE technicians.

### Automotive Collision Repair

(10,11,12) 2 Credits/Semester

- Develop skills and techniques used by professional in assembly, disassembly and non-structural repair.
- Repair, remove and replace auto body parts.
- Professionally apply undercoat, paint and topcoat to create a professional finish.

### Construction

(10,11,12) 2 Credits/Semester

- Operate a wide range of hand and power tools for residential and commercial projects.
- Develop important hands-on skills in the areas of estimating, framing, interior and exterior work.
- Work alongside professional mentors from architecture, construction and engineering fields.

### Electrical Systems Technology

(10,11,12) 2 Credits/Semester

- Advance with industry recognized skills through the Omaha Joint Electrical Apprenticeship and Training Committee program.
- Install electrical fixtures according to blueprints and schematics.
- Gain industry recognized skills from residential and commercial wiring projects and internship.

### Welding

(10,11,12) 2 Credits/Semester

- Apply multiple welding techniques to join, cut or manipulate metal.
- Develop a wide variety of techniques for high wage, high demand careers.
- Experience hands-on instruction to enhance critical thinking and problem solving skills.

### Core/Academic Courses

(10,11,12) 1Credits/Semester

- Experience contextualized core academic courses in English, Math, and others!

### Certified Nursing Assistant

(Must be 16 by course completion)

(11,12) 2 Credits/Semester

- Prepare for a high demand career field by completing the requirements for the State of Nebraska Certified Nursing Assistant Certification.
- Obtain skills through immersion in multiple aspects of the art and science of healthcare.
- Work alongside experienced registered nurses in a

### Emergency Medical Technician

(Must be 16 by course completion)

(12) 2 Credits/Semester

- Attain essential life saving techniques critical for a career in emergency medicine.
- Complete the requirements for the national registry EMT license.
- Assess, stabilize, and transport patients during clinical experiences with certified professionals.

### Information Support & Networking

(10,11,12) 2 Credits/Semester

- Prepare for a career in the diverse field of information technology.
- Earn CompTIA A+, Network+ & Security + Certifications
- Troubleshoot, diagnose and repair personal computers, networks and security apparatus.

### Digital Video Production

(10,11,12) 2 Credits/Semester

- Operate specialized equipment to create professional video and film productions.
- Showcase skills in multiple video, film, and broadcast news competitions.

### UNMC High School Alliance

(11, 12) 2 Credits/Semester

- Experience unique and innovative science classes that are taught in partnership by UNMC faculty and certified high school teacher on the UNMC campus.

Access UNMC High School Alliance Application at <https://www.unmc.edu/alliance/>

### Zoo Academy

(11, 12) 2 Credits/Semester

- Experience unique and innovative science classes that are taught in partnership by certified high school teachers on the Henry Doorny Zoo campus. (Nov. 2020 due date)

Access Zoo Academy Application at <https://www.omahazoo.com/zooacademy>

NCAA Competitive athletes choose Omaha Virtual School due to the flexibility in our learning schedule. This allows athletes to focus on enhancing their performance while still engaging in a rigorous learning environment.



## HIGH SCHOOL TIMELINE

### 9<sup>TH</sup> GRADE



- *Start planning now!* Take the right courses and earn the best grades possible.

- Find your high school's list of NCAA-approved core courses at [eligibilitycenter.org/courselist](http://eligibilitycenter.org/courselist).
- Sign up for a free Profile Page at [eligibilitycenter.org](http://eligibilitycenter.org) for information on NCAA requirements.

### 10<sup>TH</sup> GRADE

REGISTER



- If you fall behind academically, ask your counselor for help finding approved courses you can take.

- Register for a Profile Page or Certification Account with the NCAA Eligibility Center at [eligibilitycenter.org](http://eligibilitycenter.org).
- Monitor your Eligibility Center account for next steps.
- At the end of the year, ask your counselor at each high school or program you attended to upload your official transcript to your NCAA Eligibility Center account.

### 11<sup>TH</sup> GRADE



- Check with your counselor to make sure you are on track to complete the required number of NCAA-approved courses and graduate on time with your class.

- Take the ACT or SAT and submit your scores to the NCAA Eligibility Center using code 9999.
- Ensure your sports participation information is correct in your Eligibility Center account.
- At the end of the year, ask your counselor at each high school or program you attended to upload your official transcript to your NCAA Eligibility Center account.

### 12<sup>TH</sup> GRADE



- Complete your final NCAA-approved core courses as you prepare for graduation.
- Take the ACT or SAT again, if necessary, and submit your scores to the NCAA Eligibility Center using code 9999.

- Request your final amateurism certification beginning April 1 (fall enrollees) or Oct. 1 (winter/spring enrollees) in your NCAA Eligibility Center account at [eligibilitycenter.org](http://eligibilitycenter.org).
- After you graduate, ask your counselor to upload your final official transcript with proof of graduation to your NCAA Eligibility Center account.
- *Reminder:* Only students on an NCAA Division I or II school's institutional request list will receive a certification.

How to plan your high school courses to meet the 16 core-course requirement:

$$4 \times 4 = 16$$

### 9<sup>TH</sup> GRADE

- (1) English
- (1) Math
- (1) Science
- (1) Social Science and/or additional

4 CORE COURSES

### 10<sup>TH</sup> GRADE

- (1) English
- (1) Math
- (1) Science
- (1) Social Science and/or additional

4 CORE COURSES

### 11<sup>TH</sup> GRADE

- (1) English
- (1) Math
- (1) Science
- (1) Social Science and/or additional

4 CORE COURSES

### 12<sup>TH</sup> GRADE

- (1) English
- (1) Math
- (1) Science
- (1) Social Science and/or additional

4 CORE COURSES

For more information: [ncaa.org/playcollegesports](http://ncaa.org/playcollegesports) | [eligibilitycenter.org](http://eligibilitycenter.org)

Search Frequently Asked Questions: [ncaa.org/studentfaq](http://ncaa.org/studentfaq)

Follow us: @NCAAEC @playcollegesports @ncaaec

NCAA is a trademark of the National Collegiate Athletic Association. August 2019

# ONE OPPORTUNITY. LIMITLESS POSSIBILITIES.

If you want to play sports at an NCAA Division I or II school, start by registering for a Certification Account with the NCAA Eligibility Center at [eligibilitycenter.org](http://eligibilitycenter.org). If you want to play Division III sports or you aren't sure where you want to compete, start by creating a Profile Page at [eligibilitycenter.org](http://eligibilitycenter.org).

## ACADEMIC REQUIREMENTS

To play sports at a Division I or II school, you must graduate from high school, complete 16 NCAA-approved core courses, earn a minimum GPA and earn an ACT or SAT score that matches your core-course GPA.

## CORE COURSES

Only courses that appear on your high school's list of NCAA core courses will count toward the 16 core-course requirement; visit [eligibilitycenter.org/courselist](http://eligibilitycenter.org/courselist) for a full list of your high school's approved core courses. Complete 16 core courses in the following areas:

### DIVISION I

Complete 10 NCAA core courses, including seven in English, math or natural/physical science, before your seventh semester.

<b>ENGLISH</b>	<b>MATH</b> (Algebra I or higher)	<b>NATURAL/PHYSICAL SCIENCE</b> (Including one year of lab, if offered)	<b>ADDITIONAL</b> (English, math or natural/physical science)	<b>SOCIAL SCIENCE</b>	<b>ADDITIONAL COURSES</b> (Any area listed to the left, foreign language or comparative religion/philosophy)
4 years	3 years	2 years	1 year	2 years	4 years

### DIVISION II

<b>ENGLISH</b>	<b>MATH</b> (Algebra I or higher)	<b>NATURAL/PHYSICAL SCIENCE</b> (Including one year of lab, if offered)	<b>ADDITIONAL</b> (English, math or natural/physical science)	<b>SOCIAL SCIENCE</b>	<b>ADDITIONAL COURSES</b> (Any area listed to the left, foreign language or comparative religion/philosophy)
3 years	2 years	2 years	3 years	2 years	4 years

## GRADE-POINT AVERAGE

The NCAA Eligibility Center calculates your grade-point average based only on the grades you earn in NCAA-approved core courses.

- DI requires a minimum 2.3 GPA.
- DII requires a minimum 2.2 GPA.

## SLIDING SCALE

Divisions I and II use sliding scales to match test scores and GPAs to determine eligibility. The sliding scale balances your test score with your GPA. If you have a low test score, you need a higher GPA to be eligible. Find more information about test scores at [ncaa.org/test-scores](http://ncaa.org/test-scores).

## TEST SCORES

You may take the SAT or ACT an unlimited number of times before you enroll full time in college. Every time you register for the SAT or ACT, use the NCAA Eligibility Center code 9999 to send your scores directly to us from the testing agency. We accept official scores only from the ACT or SAT, and won't use scores shown on your high school transcript. If you take either test more than once, the best subscore from different tests are used to give you the best possible score.

## 2022-2023 OMAHA VIRTUAL SCHOOL COURSE OFFERINGS



Grade 9	
English	<input type="checkbox"/> (H*) English 1-2
Social Studies	<input type="checkbox"/> (H*) US History 1-2
Math	Teacher Recommendation
Science	<input type="checkbox"/> (H*) Physical Science 1-2
Physical Education	<input type="checkbox"/> Physical Education 1-2
Information Technology	<input type="checkbox"/> Info Tech/Computer Fundamentals
Freshman Seminar	<input type="checkbox"/> Freshman Seminar

Grade 10	
English	<input type="checkbox"/> (H*) English 3-4
Social Studies	<input type="checkbox"/> (H*) Human Geography/Intro to Economics
Math	<input type="checkbox"/> Teacher Recommendation
Science	<input type="checkbox"/> (H*) Biology 1-2
Physical Education	<input type="checkbox"/> Physical Education 1-2

Grade 11	
English	<input type="checkbox"/> English 5-6
Social Studies	<input type="checkbox"/> Modern World History 1-2
Math	<input type="checkbox"/> Teacher Recommendation
Science	<input type="checkbox"/> Science elective from elective list

Grade 12	
English	<input type="checkbox"/> English 7-8
Social Studies	<input type="checkbox"/> American Government (1 <sup>st</sup> semester)
Personal Finance	<input type="checkbox"/> Personal Finance

ELECTIVES	
<b>Grades 10, 11, and 12 will selection TWO electives <u>PER SEMESTER</u> by using a combination of <u>FULL YEAR</u> and/or <u>SEMESTER ONLY</u> courses.</b>	
<b>Full Year Electives</b>	
<input type="checkbox"/> Art 1-2 <input type="checkbox"/> *Digital Media 1-2 <input type="checkbox"/> Foundations of Computing 1-2 (Computer programming) <input type="checkbox"/> Intro to Digital Design 1-2 <input type="checkbox"/> *Physics 1-2	
<b>First Semester Electives</b>	<b>Second Semester Electives</b>
<input type="checkbox"/> Creative Writing <input type="checkbox"/> Environmental Science <input type="checkbox"/> ACT Test Prep <input type="checkbox"/> *Web Design 1	<input type="checkbox"/> Drama <input type="checkbox"/> Forensic Science <input type="checkbox"/> Psychology <input type="checkbox"/> *Web Design 2 (D/E)

MATH OFFERINGS Grades 9, 10, 11, 12	
<input type="checkbox"/> (H) Algebra 1-2 <input type="checkbox"/> (H) Geometry 1-2 <input type="checkbox"/> (H) *Algebra 3-4 <input type="checkbox"/> (H) *Pre-Calculus/Trigonometry 1-2	

\*Pre-requisites are required. Refer to course catalog.

(H): Honors course offered.

(D/E): Dual Enrollment course offering through Metropolitan Community College. Cost is associated with dual enrollment.

# ART

## ART 010: ART 1-2

110211/110212

This course offers beginning art students a foundation in basic drawing skills, design elements and principles, and color theory as they create original art works in a variety of media. In addition to art production, students will use a variety of learning strategies including reading, analyzing and responding to develop a deeper understanding of art. Students will be examining important works of art from a variety of cultures and time periods, participating in critiques of art works, and discussing aesthetic issues.

Course Length: Two semesters; Credit: 2 credits

Grade level: 9, 10, 11, 12

Prerequisites: None

# BUSINESS

## BUS030: PERSONAL FINANCE (2<sup>nd</sup> SEMESTER ONLY)

120981

The goal of personal finance is to help students become financially responsible, conscientious members of society. This course develops student understanding and skills in money management; budgeting; financial goal attainment; use of credit; insurance; investments; and consumer rights and responsibilities. Application of academic concepts, technology, and career planning are integrated throughout the curriculum.

Course Length: One Semester; Credit: 1 credit

Grade Level: 12

# CAREER & TECH EDUCATION

## FRESHMAN SEMINAR

181301/181302

This introductory course is for all freshman students that will introduce them to the high school experience by discovering school opportunities in career-based pathway and academy programming, will build a plan for their high and post-high school experiences, and will focus on learning strategies for successful transitioning into the high school environment. Students will engage in content in this course exploring the Omaha Public School's Portrait of a Graduate, benchmarks of a College and Career Continuum, and Nebraska's College and Career Readiness Standards.

Course Length: One Year; Credit: 2 credits

Grade Level: **Required for all 9<sup>th</sup> grade learners**

## EXPLORING CAREERS

172331

This course allows students to enhance their interpersonal skills, improve their ability to work in teams, learn to communicate effectively, think creatively, use problem-solving techniques, and explore competitive job-seeking strategies. Students who are currently working at a part-time job can use their work skills as a credit. Pay stubs have to be submitted to the counselor. **This can only be taken for no more than 4 semesters/ 4 credits.**

Course Length: One Semester; Credit: 1 credit

Grade Level: **Seniors only- Counselor and admin approval**

# ENGLISH

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

**010341/010342**

This course focuses on the English Language Arts skills of reading, writing, speaking and listening. Students will use a variety of conceptual lenses to gain command of essential skills in written and oral communication and the reading of narrative and informational text. Students will produce a variety of writing samples in the following modes: descriptive, narrative, analytical, expository, persuasive, argumentative, and technical.

Course Length: Two semesters; Credit: 2 credits

Prerequisite: English 8

## **ENG109: ENGLISH 9 HONORS/HONORS ENGLISH 1-2**

**010351/010352**

This 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. 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/English 1-2

## **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

**ENG303: AMERICAN LITERATURE/ENGLISH 5-6**

**010471/010472**

This course focuses on the English Language Arts skills of reading, writing, speaking and listening through a study of American literature. Students will use a variety of conceptual lenses to gain command of essential skills in written and oral communication and the reading of narrative and informational text. Students will produce a variety of writing samples in the following modes: descriptive, narrative, analytical, expository, persuasive, argumentative, and technical.

Course length: Two semesters; Credit: 2 credits

Prerequisite: English 10/English 3-4

**ENG403: BRITISH AND WORLD LITERATURE/ ENGLISH 7-8**

**010531/010532**

This course focuses on the English Language Arts skills of reading, writing, speaking and listening through a study of British and global literature. Students will use a variety of conceptual lenses to gain command of essential skills in written and oral communication and the reading of narrative and informational text. Students will produce a variety of writing samples in the following modes: descriptive, narrative, analytical, expository, persuasive, argumentative, and technical.

Course length: Two semesters; Credit: 2 credits

Prerequisite: English 5-6

**ACT TEST PREP (1<sup>st</sup> SEMESTER ONLY)**

**020751**

This course is designed to help prepare students for the college entrance exams, i.e. ACT, SAT, PSAT. Emphasis will be on vocabulary, literacy skills, writing skills and grammar. Math and science will also be covered.

Course length: One semester; Credit 1 credit

Prerequisite: 11<sup>th</sup> grade students; if seats are available, other grade levels can register

**CREATIVE WRITING 1(1<sup>st</sup> SEMESTER ONLY)**

**020351**

Creative Writing introduces students will be introduced to the multiple genres of creative writing including but not limited to poetry, fiction, nonfiction, screenplay, and graphic writing. Students will also be introduced to the elements that make up each genre by close reading texts by various authors. This class is designed to introduce students to writing beyond a formal paper and will help them find a genre they may want to pursue in the future.

Course Length: 1 semester; Credit: 1 credit

Grade Level: 10, 11, 12

Prerequisite: Successful completion of a “C” or higher in previous English course or English teacher permission.

**DRAMA 1 (2<sup>nd</sup> SEMESTER ONLY)  
20631**

Drama 1 provides an introduction to drama and theater as an art form. Students enrolled in this course will learn and apply basic principles of acting and fundamentals of stage terminology and audience etiquette. Participants will study, experience, and perform pantomime, improvisation, monologues, original scenes, and create, write, and perform original scripts/plays. Students will also study the technical aspects of theater and an introduction to theater history.

Course Length: 1 semester; Credit: 1 credit  
Grade Level: 10, 11, 12

# INFORMATION TECHNOLOGY

## **TCH020: INFOTECH 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**

## **TCH110/211: FOUNDATIONS OF COMPUTING 1-2**

**131421/131422**

Designed to be the first computer science course for students who have never programmed before, Foundations of Computing is a starting point for Computer Science. Students will explore the impact of computing in society and build skills in digital citizenship and cybersecurity. Beyond learning the fundamentals of programming, students build computational-thinking skills by applying computer science to collaboration tools, modeling and simulation, and data analysis.

Grade level: 10, 11, 12 (9<sup>th</sup> grade if earned an A in Computer Apps at OVS in 8<sup>th</sup> grade & teacher rec)

Online only

## **TCH040/INFO 1311: WEB DESIGN 1-2** (Dual Enrollment offered 2<sup>nd</sup> SEMESTER ONLY)

**130281/130282**

Students will demonstrate knowledge of web design and languages, including HyperText Markup Language (HTML) and Cascading Style Sheets (CSS) to create a content rich and visually pleasing website that captures and keeps visitors' interests. Focus will be given to effective page layout, image creation and manipulation, interactivity, content creation, and project management. The first semester of this course is taught by OVS staff, and the second semester is dual enrolled with Metro Community College and taught by a MCC instructor using the MCC online learning management system.

Course Length: Two semesters; Credit: 2 credits

Grade Level: 10, 11,12

Prerequisites: Successful completion of Honors Programming

## **TCH035/TCH083: DIGITAL MEDIA 1-2**

**130690/130691**

Students will create, design, and produce digital media including sound, video, graphics, text, and animation. Emphasis will be placed on effective use of tools for interactive multimedia production including: storyboarding, visual development, project management, and web processes.

Course Length: Two semesters; Credit: 2 credits

Grade Level: 10, 11,12

Prerequisites: Successful completion of Intro to Digital Design 1-2

# MATH

## **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 middle school and did not receive a grade of a B or better must begin in Algebra 1-2.

## **MTH129: ALGEBRA HONORS/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 of this course 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)

## **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 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.

**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*

# PHYSICAL EDUCATION

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

**070181/070182**

Students will learn and practice principles of fitness, wellness, and health to develop habits of healthy living and explore topics that include the physiology of diet and exercise, bio-mechanics, and team dynamics. They will apply their knowledge in daily fitness activities as well as assignments that include personalized exercise and diet plans that develop students' self-assessment skills. Daily work will be completed at home 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, 10, 11

# 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

## **PHYSICS 1-2**

060601/060602

Physics 1-2 engages students in an inquiry-based, problem-solving approach to investigate the physical laws that are fundamental to all science. Topics of study include: motion and technological design; the effects of forces on motion; the origin of the universe; conservation of energy; and the interaction of energy and matter.

Course length: Two semesters; Credit: 2 credits

Prerequisites: Physical Science 1-2, Biology 1-2 (concurrent enrollment in Biology 1-2 is acceptable with teacher recommendation), and successful completion of, or concurrent enrollment in, Algebra 1-2.

## **HONORS PHYSICS 1-2**

060631/060632

Honors Physics 1-2 engages students in an inquiry-based, problem-solving approach to investigate the physical laws that are fundamental to all science. Topics of study include: motion and technological design; the effects of forces on motion; the origin of the universe; conservation of energy; the interaction of energy and matter. Students enrolled in honor courses have additional experiences that require a more rigorous program of study.

Course length: Two semesters; Credit: 2 credits

Prerequisites: Physical Science 1-2, Biology 1-2 (concurrent enrollment in Biology 1-2 is acceptable with teacher recommendation), and successful completion of, or concurrent enrollment in, Algebra 1-2.

## **ENVIRONMENTAL SCIENCE (SEMESTER 1 ONLY)**

060351

Environmental Science allows students to develop insights and skills needed to make decisions regarding the environment. The class provides basic knowledge on ecosystems and how they work. In addition, students learn how they affect the environment, what they can do to use the environment wisely, and how to preserve what is left. This course includes hands-on experiences, simulations, and outside activities. In the end, the students learn about the world in which they live.

Course length: One semester; Credit: 1 credit

Prerequisites: Physical Science 1-2

## **FORENSIC SCIENCE (SEMESTER 2 ONLY)**

061332

Forensic Science promotes active learning and emphasizes the application and integration of math, chemistry, biology, physics, and earth science. Topics covered may include the collection, handling, and examination of trace evidence such as hair, fibers, soil, pollen, and glass, fingerprint, blood, and blood splatter examination, DNA, drug and toxicology testing, handwriting and tool mark analysis, voice examination, impressions, ballistics, and forensic anthropology.

Course length: One semester; Credit: 1 credit

Prerequisites: Physical Science 1-2 and semester one of Biology 1-2.

# **SOCIAL STUDIES**

## **HST313: 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—1<sup>st</sup> 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: HUMAN 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; Credit: 1 credit

Grade level: 10

## **HST222: HONORS HUMAN 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

Grade Level: 10

Prerequisite: Grade of A in 9th grade social studies or teacher recommendation

## **HST103: MODERN WORLD HISTORY 1-2**

**031381/031382**

Modern World History 1-2 explores the culture and history of people from 1000 CE to the present. As students examine the choices and decisions of the past, they are better able to confront today's problems and choices with a deeper awareness of the alternatives before them, and the likely consequences of each.

Course Length: Two semesters; Credit: 2 credits

Grade level: 11

## **HST403: AMERICAN GOVERNMENT (1st SEMESTER ONLY)**

**030251**

American Government addresses the theories and practices that are the basis to the nation's form of government. Students analyze the structure, operations, and functions of local, state, and national governments. This helps students better prepare themselves to practice participatory citizenship, as related to their responsibilities and rights as citizens. This is a one-semester course.

Course Length: One semester; Credit: 1 credit

Grade level: 12

## **PSYCHOLOGY (2<sup>nd</sup> SEMESTER ONLY)**

**030491**

Psychology explores the complex nature of human behavior. Emphasis is placed upon the most significant concepts of contemporary psychology and the methods psychologists use to study behavior. This is a one-semester course.

Course Length: One semester; Credit: 1 credit

Grade level: 10, 11, 12

# WORLD LANGUAGE

Currently world language courses are not offered at OVS due to staffing. Please note: world language credit is NOT required to graduate from Omaha Public Schools. However, it is oftentimes an entrance requirement for colleges/universities. It is recommended to check with your learner's college of choice for entrance requirements. If your learner wants to take a world language, there are options to consider.

- **We are providing the below options as a courtesy to families, this is not a comprehensive list, just suggestions.** This information is geared towards Spanish coursework but may be applied to other languages depending on the option. Enrolling in these course options is up to the parent/student. **However, please let OVS counselor and director know if your learner is participating in one of these opportunities.**

Option	Cost	OPS Graduation credit or College credit	Tech	Teacher support/format	Duration of course	Enrollment process
<b>Metropolitan Community College</b>  <b>SPAN 1110</b> -Spanish 1 <b>SPAN 1120</b> -Spanish 2 <b>SPAN 2110</b> -Spanish 3 <b>SPAN 2120</b> -Spanish 4	Half-MCC tuition cost \$171  Textbook purchase is necessary.	-College credit ONLY  -Does meet Nebraska college entrance requirements	Blackboard	Teacher-led  All online	11-week terms	Email program director and OVS counselor for application information.
<b>OPS traditional school</b>	FREE	OPS graduation credit	Depends on the teacher-possibly Microsoft TEAMS	Yes, 100%  Attend class according to the traditional school schedule.	OPS schedule 1st & 2nd semester	Call the school to register for the course: <b>Resident of OPS-</b> Neighborhood high school  <b>Opt-In-</b> Omaha North High School To register: <a href="#">Liliane Jamal, Ed.D.-Counselor</a> P: 402-557-3422 <a href="mailto:Liliane.jamal@ops.org">Liliane.jamal@ops.org</a>
<b>K12 course</b>	\$450/semester Includes cost of books	Transfer in as OPS graduation credit	K12 platform	Teacher led All online	4 month-long semesters	<a href="https://www.k12courses.com/wlg100a-spanish-i.html">https://www.k12courses.com/wlg100a-spanish-i.html</a>
<b>University of Nebraska Lincoln High School</b>	\$200/1 semester  \$350/2 semesters Does not include cost of books	Transfer in as OPS graduation credit	UNL has their own learning management system to facilitate learning	Self-paced, independent study.  All online: <a href="https://highschool.nebraska.edu/courses/how-courses-work">https://highschool.nebraska.edu/courses/how-courses-work</a>	Students have up to 52 weeks to complete a one semester course.  Each semester course is designed to be completed in 80-90 hours.	<a href="https://highschool.nebraska.edu/enroll">https://highschool.nebraska.edu/enroll</a>

\*ACE scholarship is for families who qualify for fee and reduced lunch (this is not a competitive scholarship). Application information will be shared at the August 25th meeting.