

2021-22 HIGH SCHOOL COURSE CATALOG

Omaha Virtual High School

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Website: www.omahavirtualschool.org

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Twitter: @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).
- •Las Escuelas Públicas de Omaha no discrimina por motivos de raza, color, origen nacionalidad, religión, sexo (incluyendo el embarazo), estado civil, orientación sexual, discapacidad, edad, información genética, identidad de género, expresión de género, estatus de ciudadanía, condición de veterano, afiliación política o condición económica en sus programas, actividades y empleo y se proporciona un acceso equitativo a los niños exploradores (boy Scouts) y otros grupos juveniles. La siguiente persona ha sido designada para aceptar las alegaciones en relación con las políticas de no discriminación: el Superintendente de Escuelas, 3215 Cuming Street, Omaha, NE 68131 (402-557-2001). Las siguientes personas han sido designadas para manejar las preguntas con respecto a las políticas de no discriminación: Director de la Oficina de Equidad y Diversidad, 3215 Cuming St, Omaha, NE 68131 (531-299-0307).



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

As we embark on the fifth 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.

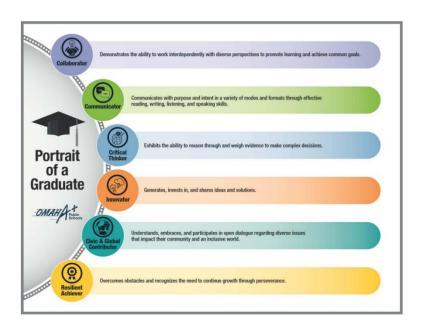
Our goal is to continue to grow and add course offerings to enhance our students' experience. For the 2021-22 school year we are offering Advanced Placement courses and the opportunity for students to earn dual enrollment credits from Metropolitan Community College.

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 a student becomes two weeks behind the recommended pacing guide, OVS staff will work with the student and learning coach to develop a Back on Track plan. This plan will support the learner and learning coach with specific steps and actions that need to occur in order to get a student caught up. If the Back on Track plan is not successful after the identified period of time, the student will be placed on academic probation and given a high level of support for two weeks' time. If the student is still behind after this time frame, a meeting will be held with the director to determine next steps, with potential of removal from the program.

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
 - o 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.
 - o 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 parttime 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.

ENROLLMENT OPTIONS VISUAL

Full-Time Enrollment 7 course minimum	Part-Time OVS Part-Time OPS	Part-Time OVS Part-Time Homeschool
DIPLOMA EARNING PATHWAY	4 course OVS minimum* DIPLOMA EARNING PATHWAY	4 course OVS Minimum NON-DIPLOMA EARNING PATHWAY
 Can take courses at neighborhood school if not offered by OVS Can participate in clubs (not NSAA sanctioned) at neighborhood school. 	 English course at OVS Required Can participate in NSAA sanctioned athletics or activities, if enrolled in 4 or more courses at neighborhood school Can take elective courses at OPS Career Center 	 Must obtain Exempt Home school status from Nebraska Dept. of Ed English at OVS Required Can participate in clubs at OPS neighborhood school Cannot participate in NSAA sanctioned sports If taking supplemental courses from an outside OPS provider, transfer of credits is possible if the institution is accredited and credits are approved by OPS prior to enrollment. (see page 10)

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)	Earned at least 13 credits in grade 9.
Grade 11 Placement (Junior)	Earned at least 25 credits in grades 9 and 10.
Grade 12 Placement (Senior)	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 th Grade	10 th Grade	11 th Grade	12 th Grade
English	English 1-2	English 3-4	English 5-6	English 7-8
Social Studies	U.S. History 1-2	Human Geography Economics	Modern World History	American Government
Science	Physical Science 1- 2	Biology 1-2	Required Science Elective	Science elective
Math	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-11th grade) and the OPS interim assessment, NWEA-MAP, which is required for all 9th-10th graders, three times/year (Fall, Winter, and Spring).

GRADE POINT AVERAGE AND CLASS RANK

<u>Grade Point Average (GPA)</u> 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
В	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 1st, the second highest is ranked 2nd 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.

Every student. Every day. Prepared for success.

Omaha Virtual Middle/High School



What every learner needs to know about grading

OVS/OPS Grading Scale

Letter Grade	Proficiency Scale	Report Cards
А	ADVANCED (4)	3.26 - 4.00
В	PROFICIENT (3)	2.51 - 3.25
С	BASIC (2)	1.76- 2.50
D	BELOW BASIC (1)	1.01 - 1.75
F	BEGINNING (o)	0.00 - 1.00

Proficiency Scale Levels & Descriptors

ADVANCED (Level 4) Learner exceeds grade-level expectations.

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

PROFICIENT (Level 3) Learner meets grade level expectations

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

BASIC (Level 2) Learner understands content information and vocabulary.

Performs at the level of difficulty on some of the expected course content/grade level standards, but not all.

Below Basic (Level 1) Learner demonstrate difficulty in understanding information.

Struggles performing grade-level skills based on state standards and has difficulty retaining information and applying knowledge.

How are grades earned?

OPS uses common grading practices. The goal is for learners to demonstrate mastery of standards at the proficiency level. If a learner is below proficient, Learning Facilitators or Learning Coaches will re-teach and re-assess learning to ensure mastery before the learner moves on.

Learning Facilitators will use the district approved proficiency scale and rubrics to grade assessments that are submitted on k12

Please note: This scale is used for common grading practices across the district, and K12 uses a 100 point grade scale in their gradebook.

How are credits earned in high school?

To graduate high school in Omaha Public Schools, 9-12th grade learners must earn 49 credits. In order to earn a credit, a learner must earn a grade of "D" or higher.

One credit is earned per semester. For example, English 9 is a year-long course. If a learner earns a "D" or higher in both semesters, the learner will earn 2 credits.

Omaha Virtual School is NOT a credit recovery program. If a learner does not earn the required credits for a semester, the learner is no longer eligible to attend OVS and will be re-assigned to their neighborhood school.

Omaha Public Schools Common Grading Practices





Formative Assessments occur during learning

- Measures how well learners are learning the standards
- 35 percent of the grade
- Includes discussion boards, short assignments/quizzes, lesson checkpoints, etc.

Summative Assessments occur after learning

- Measures how well learners have mastered the standards
- 65 percent of the grade
- Major projects, a unit test, a research paper, a speech, etc.

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

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

What is a rubric?

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

Do all learners get the same grade during group work?

No. Work done in groups will be graded individually. Group grades are not used.

Can I redo my work for full credit?

 Learners can redo/revise work until the end of semester. Refer to course syllabus for specific guidelines. Some exceptions may occur based on learning facilitator professional judgement/ evidence. Work that is revised/redone will replace the original grade in the gradebook.

How do I know what work needs to be done, when?

 Each course has a pacing guide. This guide is a recommended pace for a learner to stay on track in order to complete their coursework by the end of the semester. It is advised that learners and Learning Coaches guide their schedule based on this pacing guide.

What happens if I turn in my work late?

Learning facilitators will enter zeros in the K12 gradebook every week for coursework that has not been turned in according to the pacing guide. This is to ensure that learners have an accurate understanding of their grade and progress. Coursework may still be accepted for full credit until the deadline for work at the end of semester. Refer to course syllabus for specific course guidelines.

How can I check my grades?

 Learning Coaches and learners are able to access grades and feedback in the gradebook on K12. Some online assessments are graded online instantaneously

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 Consider education plans and interests	
World Language	N/A	2–3 years of the same language
TOTAL	49 CREDITS REQUIRED For all OPS High Schools	

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.

OMAH Public Schools

ADVANCED PLACEMENT (AP) PROGRAM

The AP program allows learners to take college level courses while enrolled in a high school program. Learners not only gain higher-level academic skills but have the opportunity to earn advanced academic college credit upon successful completion of the AP Exam. This can also mean substantial savings for families on courses that would otherwise have to be taken in the freshman and sophomore years in college. Credit received is based on the score the student earns on the AP® exam. For additional information regarding AP courses and college credits, please refer to the below website: https://apstudent.collegeboard.org/creditandplacement/search-credit-policies

Course Title
AP® English Language & Composition (Grades11-12)
AP® Biology (Grade 11-12)
AP® Calculus AB (Grades 11-12)

DUAL ENROLLMENT

Dual enrollment courses allow students to take college-credit bearing courses 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 may cost a fee from the credit offering institution and fees may vary per course depending on the course and instructor.

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, while earning transcripted 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 primarily offered at OPS through two primary programs:

- 1. Career Education (CE)
- 2. Advanced Placement (AP)

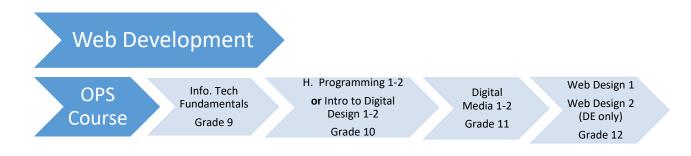
Dual enrollment Career Education (CE) opportunities will be provided for OVS students through a unique learning environment. These opportunities will be taught all-online with a Metropolitan Community College (MCC) instructor. In certain cases, an OVS staff will serve as Teacher of Record, which is a role of support, not instruction. This course will be taught using the MCC learning management system, called Canvas. Dual enrollment courses are only offered as dual enrollment courses and are not offered as non-dual enrollment courses.

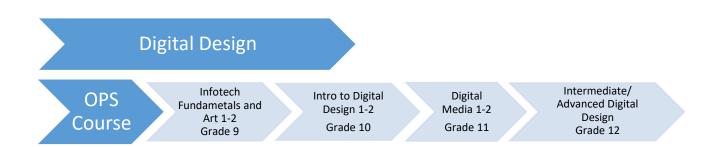
PROGRAMS OF STUDY-CAREER EDUCATION (CE)

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).





DUAL ENROLLMENT BENEFITS

Reduced Tuition Cost. MCC: \$50 per course

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

^{*}Tuition Costs are determined by the postsecondary institution.

online ACE application. More information on ACE can be found at http://ccpe.state.ne.us/publicdoc/ccpe/Financial%20Aid/ACE/

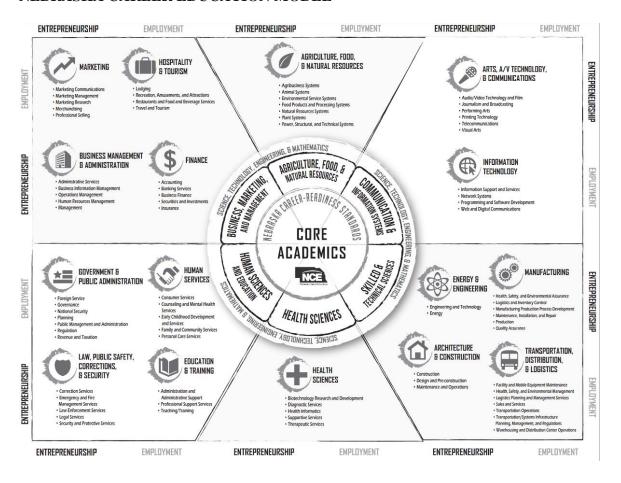
Credits Transfer. Students begin creating an official college transcript with participation in a dual enrollment course. College institutions determine the transferability of credit, but typically credits transfer as follows:

• **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.

DUAL ENROLLMENT (DE) COURSE OFFERINGS				
Course Title High School Post-Secondary Course ID Institution Course ID				
Web Design 2	130282	MCC	INFO 1311	
H. Personal Finance	120971	MCC	FINA 1000	

NEBRASKA CAREER EDUCATION MODEL



OMAHA PUBLIC SCHOOLS- CAREER CENTER

Omaha Virtual High School is located IN the Career Center building. The Career Center is an elective opportunity for students to explore careers. However, it is important to note that these courses meet DAILY in the Career Center building.

Omaha Public Schools CAREER CENTER

Hands-on Learning
Likable & Knowledgeable Teachers
Critical Employability Skills
Internships / Apprenticeships
Industry Certifications
Early College Credit Options
Busing/Transportation provided
Core Academic Classes offered
Counseling Services
VALUE



Ask your Counselor for an Application

Connecting Today's Students
With Tomorrow's Careers

OMAHA PUBLIC SCHOOLS- CAREER CENTER (CONT'D)





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 Credis/Semester

- Operate a wide range of hand and power tools for residential and commercial projects.
- · Develop important hands-on sills 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.

(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
- · 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 though immersion in multiple aspects of the art and science of healthcare.
- Work alongside experienced registered nurses in a

Emergency Medical Technician (Must be 18 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,

Digital Video Production

networks and security apparatus. (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 Doorly Zoo campus. (Nov. 2020 due date)

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





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**. 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**.

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 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.



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.

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.





HIGH SCHOOL TIMELINE





- 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.
- Sign up for a free Profile Page at eligibilitycenter.org for information on NCAA requirements.





- · 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.
- · 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.



- · 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.





- · Complete your final NCAAapproved 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.
- · 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:



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



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

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

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

For more information: ncaa.org/playcollegesports | eligibilitycenter.org

Search Frequently Asked Questions: ncaa.org/studentfaq

Follow us: W @NCAAEC



@playcollegesports





College-bound student-athletes will need to meet the following academic requirements to practice, receive athletics scholarships, and/or compete during their first year.

Core-Course Requirement

Complete 16 core courses in the following areas:



4 years

MATH (Algebra I or higher)

3 years



2 years



1 year



2 years

ADDITIONAL COURSES (Any area listed to the left, foreign language or comparative religion/philosophy)

4 years

Full Qualifier

- Complete 16 core courses.
 - Ten of the 16 core courses must be completed before the seventh semester (senior year) of high school.
 - Seven of the 10 core courses must be in English, math or natural/physical science.
- Earn a core-course GPA of at least 2.300.
- Earn the ACT/SAT score matching your core-course GPA on the Division I sliding scale (see back page).
- · Graduate high school.

Academic Redshirt

- · Complete 16 core courses.
- Earn a core-course GPA of at least 2.000.
- Earn the ACT/SAT score matching your core-course GPA on the Division I sliding scale (see back page).
- · Graduate high school.

Full Qualifier:

College-bound student-athletes may practice, compete and receive athletics scholarships during their first year of enrollment at an NCAA Division I school.

Academic Redshirt:

College-bound student-athletes may receive athletics scholarships during their first year of enrollment and may practice during their first regular academic term, but may NOT compete during their first year of enrollment.

Nonqualifier:

College-bound student-athletes cannot practice, receive athletics scholarships or compete during their first year of enrollment at an NCAA Division I school.

International Students: Please visit ncaa.org/international for information and academic requirements specific to international student-athletes.

Test Scores

When a student registers for the SAT or ACT, he or she can use the NCAA Eligibility Center code of **9999** so his or her scores are sent directly to the NCAA Eligibility Center from the testing agency. Test scores on transcripts will **NOT** be used in his or her academic certification.

A combined SAT score is calculated by adding reading and math subscores. An ACT sum score is calculated by adding English, math, reading and science subscores. A student may take the SAT or ACT an unlimited number of times before he or she enrolls full time in college. If a student takes either test more than once, the best subscores from each test are used for the academic certification process.

If you took the SAT In March 2016 or after, and plan to attend an NCAA Division I college or university in the 2018-19 or 2019-20 academic years, use the following charts to understand the core-course GPA you need to meet NCAA Division I requirements.

For more information on the SAT, click here to visit the College Board's website.

DIVISION I FULL QUALIFIER SLIDING SCALE			
Core GPA	New SAT*	Old SAT (Prior to 3/2016)	ACT Sum
3.550	400	400	37
3.525	410	410	38
3.500	430	420	39
3.475	440	430	40
3.450	460	440	41
3.425	470	450	41
3.400	490	460	42
3.375	500	470	42
3.350	520	480	43
3.325	530	490	44
3.300	550	500	44
3.275	560	510	45
3.250	580	520	46
3.225	590	530	46
3.200	600	540	47
3.175	620	550	47
3.150	630	560	48
3.125	650	570	49
3.100	660	580	49
3.075	680	590	50
3.050	690	600	50
3.025	710	610	51
3.000	720	620	52
2.975	730	630	52
2.950	740	640	53
2.925	750	650	53
2.900	750	660	54
2.875	760	670	55
2.850	770	680	56
2.825	780	690	56
2.800	790	700	57
2.775	800	710	58

DIVISION I FULL QUALIFIER SLIDING SCALE				
Core GPA	New SAT*	Old SAT (Prior to 3/2016)	ACT Sum	
2.750	810	720	59	
2.725	820	730	60	
2.700	830	740	61	
2.675	840	750	61	
2.650	850	760	62	
2.625	860	770	63	
2.600	860	780	64	
2.575	870	790	65	
2.550	880	800	66	
2.525	890	810	67	
2.500	900	820	68	
2.475	910	830	69	
2.450	920	840	70	
2.425	930	850	70	
2.400	940	860	71	
2.375	950	870	72	
2.350	960	880	73	
2.325	970	890	74	
2.300	980	900	75	
2.299	990	910	76	
2.275	990	910	76	H
2.250	1000	920	77	<u>a</u>
2.225	1010	930	78	
2.200	1020	940	79	ACADEMIC BEDSHIBT
2.175	1030	950	80	7
2.150	1040	960	81	C
2.125	1050	970	82	5
2.100	1060	980	83	ū
2.075	1070	990	84	
2.050	1080	1000	85	C
2.025	1090	1010	86	<
2.000	1100	1020	86	

^{*}Final concordance research between the new SAT and ACT is ongoing.

NCAA is a trademark of the National Collegiate Athletic Association.



2018 DIVISION II NEW ACADEMIC REQUIREMENTS

College-bound student-athletes first enrolling at an NCAA Division II school on or after Aug. 1, 2018, need to meet new academic rules to practice, compete and receive athletics scholarships during their first year.

Core-Course Requirement

Complete 16 core courses in the following areas:













3 years

2 years

2 years

3 years

2 years

4 years

Full Qualifier

- Complete 16 core courses.
- · Earn a core-course GPA of at least 2.200.
- Earn the ACT/SAT score matching your core-course GPA on the Division II full qualifier sliding scale (see back page).
- · Graduate high school.

Partial Qualifier

- Complete 16 core courses.
- Earn a core-course GPA of at least 2.000.
- Earn the ACT/SAT score matching your core-course GPA on the Division II partial qualifier sliding scale (see back page).
- · Graduate high school.

Full Qualifier:

College-bound student-athletes may practice, compete and receive athletics scholarships during their first year of enrollment at an NCAA Division II school.

Partial Qualifier:

College-bound student-athletes may receive athletics scholarships during their first year of enrollment and may practice during their first regular academic term, but may NOT compete during their first year of enrollment.

Nonqualifier:

College-bound student-athletes may not practice, compete or receive athletics scholarships during their first year of enrollment at an NCAA Division II school.

International Students: Please visit ncaa.org/international for information and academic requirements specific to international student-athletes.

Test Scores

If you took the SAT in March 2016 or after, and plan to attend an NCAA Division II college or university in the 2018-19 or 2019-20 academic years, use the following charts to understand the core-course GPA you need to meet NCAA Division II requirements.

A combined SAT score is calculated by adding reading and math subscores. An ACT sum score is calculated by adding English, math, reading and science subscores. You may take the SAT or ACT an unlimited number of times before you enroll full time in college. If you take either test more than once, the best subscores from each test are used for the academic certification process.

For more information on the SAT, click here to visit the College Board's website.

DIVISION II FULL QUALIFIER SLIDING SCALE

USE FOR DIVISION II BEGINNING AUGUST 2018					
Core GPA	New SAT*	Old SAT (Prior to 3/2016)	ACT Sum		
3.300 & above	400	400	37		
3.275	410	410	38		
3.250	430	420	39		
3.225	440	430	40		
3.200	460	440	41		
3.175	470	450	41		
3.150	490	460	42		
3.125	500	470	42		
3.100	520	480	43		
3.075	530	490	44		
3.050	550	500	44		
3.025	560	510	45		
3.000	580	520	46		
2.975	590	530	46		
2.950	600	540	47		
2.925	620	550	47		
2.900	630	560	48		
2.875	650	570	49		
2.850	660	580	49		
2.825	680	590	50		
2.800	690	600	50		
2.775	710	610	51		
2.750	720	620	52		
2.725	730	630	52		
2.700	740	640	53		
2.675	750	650	53		
2.650	750	660	54		
2.625	760	670	55		
2.600	770	680	56		
2.575	780	690	56		
2.550	790	700	57		
2.525	800	710	58		
2.500	810	720	59		
2.475	820	730	60		
2.450	830	740	61		
2.425	840	750	61		
2.400	850	760	62		
2.375	860	770	63		
2.350	860	780	64		
2.325	870	790	65		
2.300	880	800	66		
2.275	890	810	67		
2.250	900	820	68		
2.225	910	830	69		
2.200	920	840 & above	70 & above		

DIVISION II PARTIAL QUALIFIER SLIDING SCALE

USE FOR DIVISION II BEGINNING AUGUST 2018 New SAT* Old SAT 3.050 & above 3.025 3.000 2.975 2.950 2.925 2.900 2.875 2.850 2.825 2.800 2.775 2.750 2.725 2.700 2.675 2.625 2.600 2.575 2.550 2.525 2.500 2.475 2.450 2.425 2,400 2.375 2.350 2.325 2.300 2.250 2.225 2.200 2.175 2.150 2.125 2.100 2.050 2.025 2.000 820 & above 68 & above

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PLEASE NOTE: Due to the size of our program and staffing we rotate electives so that through the course of the high school experience, students' elective offerings are varied. What is present in this catalog is ONLY what is offered for the 2021-22 school year.

2021-22 Omaha Virtual School Course Selection Guide

	9 th	Grade		10 th	grade
English		English 1-2 H. English 1-2*	English		
Social Studies		US History 1-2	Social Studies		
		H. US History 1-2*			Economics
Math		her Recommendation			H. Human Geography/ Honors
Science		Physical Science 1-2			Intro to Economics*
		H. Physical Science 1-2*	Math	7	Teacher Recommendation
Physical Education		Lifetime Wellness 1-2	Science		27
Information Technolo	gy 🗆	Info Tech/Computer Fundamentals			H. Biology 1-2*
	Ele	ctives	Physical Educat		
Select EITHER ONE		course OR <u>ONE</u> first semester and	Human Growth	& [
ONE second semester course.		Development Development (opt out option) Electives			
	Enll Vo	w Courses	Need to select T		ER SEMESTER by using a
□ U Programming 1		r Courses			d/or <u>SEMESTER ONLY</u> courses.
☐ H. Programming 1-2* ☐ Art				ar Courses	
☐ Earth Science			☐ AP Biology*		
First Semester Co	ırses	Second Semester Courses	☐ H. Programm	ing 1-2	
□ Journalism		□ Speech	☐ H. Yearbook		
		_	☐ Art 1-2		
			☐ Earth Science	,	
			☐ Intro to Digit		
			First Semester C		Second Semester Courses
			☐ Web Design	l* [
			□ HGD	-	Cost is \$171)
			☐ Journalism	[Speech
	11 th	Grade		12 th	Grade
English			Fnglish		
English	□ Eng	lish 5-6	English	☐ English 7	-8
English Social Studies	□ Eng		English Social Studies	☐ English 7	-8 sh Language and Composition 't (1st semester only)
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Social Studies Math Science	☐ Eng ☐ AP ☐ Moo Teacher ☐ Scie	lish 5-6 English Language and Composition dern World History 1-2 Recommendation ence elective from elective list	Social Studies H. Personal Finance (DE) Personal	☐ English 7 ☐ AP Englis ☐ Am. Gov ☐ DE @ Mo	sh Language and Composition It (1st semester only) Choose ONE: CC - Cost is \$171 (1st Sem only)
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(DE): Dual Enrollment. Spanish course offerings. World Language section in Course Catalog

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

<u>BUS030: PERSONAL FINANCE</u> (2nd 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

<u>FINA 1000: HONORS PERSONAL FINANCE</u> (Dual Enrollment- offered 2nd semester only) 120971

This is an honors-level course in Personal Finance and is taken ALL-online through Metro Community College as a dual enrollment course (refer to page 13). 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

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

<u>ENG109: ENGLISH 9 HONORS/HONORS ENGLISH 1-2</u> 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

ENG 510: AP ENGLISH LANGUAGE AND COMPOSITION 011911/011912

Advanced Placement Language and Composition is an Advanced Placement course designed to engage students in the careful reading and critical analysis of primarily non-fiction works, but it also includes American literature and poetry. Through close reading and use of other AP learning strategies, students deepen their understanding of the way writers use language to provide both meaning and pleasure for their readers. This course follows the College Board curriculum and involves extensive reading and writing. Advanced educational credit may be available for students who successfully pass the AP Exam. Dual enrollment options may be available. Students who select NOT to participate in the AP exam are expected to take a cumulative, AP comparable, teacher-graded end of course exam.

Course length: Two semesters; Credit: 2 credits

Prerequisite: Grade of A or B in previous Honors or AP English classes or teacher recommendation

ACT TEST PREP

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: 11th grade students; if seats are available, other grade levels can register

Journalism/Yearbook Course Sequence						
Year 1	Year 2	Year 3	Year 4			
	Prerequisite: Journalism	Prerequisite: Yearbook	Prerequisite: Yearbook			
	1-2 w/ C or higher	1-2 w/ C or higher	advisor permission			
Journalism 1	Honors Yearbook 1-2	Honors Yearbook 3-4	Honors Yearbook 5-6			

ENG010: JOURNALISM 1 (1st semester only)

020411

This course introduces students to the entire field of journalism. Students will learn law and ethics; various modes of journalistic writing, reporting, and interviewing; and newspaper/yearbook layout and design. They will also learn basics of photography, digital citizenship, and online media. Students are expected to work individually and collaboratively.

Prerequisite: Students must earn a "C" or higher in previous English/Language Arts.

Course Length: One semester; Credit: 1 credit

CS YEARBOOK: HONORS YEARBOOK 1 - 2

021231/021232

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: Successful completion of a "C" or higher in previous Journalism 1-2 and yearbook advisor

permission. Grade Level: 10, 11, 12

Course Length: 2 semesters; Credit: 2 credits

CS YEARBOOK: HONORS YEARBOOK 3-4

021331/021332

This course provides students additional opportunities to grow and develop as journalists and leaders by assuming additional responsibilities and assignments. This course is for second year yearbook students.

Prerequisite: Successful completion of a "C" or higher in previous yearbook course and yearbook advisor

permission. Grade Level: 11, 12

Course Length: 2 semesters; Credit: 2 credits

CS YEARBOOK: HONORS YEARBOOK 5-6

021431/021432

This course provides students additional opportunities to grow and develop as journalists and leaders by assuming additional responsibilities and assignments. This course is for third year yearbook students.

Prerequisite: Successful completion of a "C" or higher in previous yearbook course and yearbook advisor permission.

Course Length: 2 semesters; Credit: 2 credits

Grade Level: 11, 12

ENG:020: SPEECH (2nd semester only)

020511

Speech 1 focuses on acquainting students with the communication process and on developing and improving students' public speaking skills and their oral interpretation skills. Instruction focuses on the teaching of the fundamentals of speech and requires students to perform various speaking activities. They study how to incorporate well-designed visual and multimedia aids in presentations and how to maintain a credible presence in the digital world. Students also learn about the ethics of public speaking and about techniques for managing communication anxiety.

Course Length: 1 semester; Credit: 1 credit

Grade level: 9, 10, 11, 12

FAMILY AND CONSUMER SCIENCE

CS HUMAN GROWTH/ 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 and can do so by completed the district approved optout form.

Course length: one semester; Credit: 1 credit

Grade level: 10, 11

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: HONORS PROGRAMMING 1-2

131131/2

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: 10, 11, 12 (9th grade if earned an A in Computer Apps at OVS in 8th grade & teacher rec)

Online only

TCH040/INFO 1311: WEB DESIGN 1-2 (Dual Enrollment offered 2nd 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

TCH028/29E2: INTRO TO DIGITAL DESIGN 1-2

130601/130602

This course will introduce students to the technical tools and processes used in digital design. Students will be introduced to the design process model which includes typography, color, and imagery. In addition, design software will be utilized to create graphic, animation, web pages, and video. Students will demonstrate proper use of fair use guidelines and will explore career opportunities.

Course Length: Two semesters Grade Level: 9, 10, 11, 12

TCH035/TCH083: DIGITAL MEDIA 1-2 (STARTING 2022-23)

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

TCH441/TCH431: INTERMEDIATE/ADVANCED DIGITAL DESIGN (STARTING 2022-23) 131611/131621

Intermediate Digital Design is part of the Digital Design Pathway where students will focus on developing advanced skills to plan, design, and create interactive projects using the elements of text, graphics, animation, sound, video, digital imaging, in interactive projects. These skills can prepare students for entry-level positions and other occupational or educational goals. This course prepares students for the Adobe® Certified Associate Photoshop CC 2015 certification (semester 1) and Adobe® Certified Associate InDesign CC 2015 certification (semester 2). Adobe® software will be available for students.

Course Length: Two semesters; Credit: 2 credits

Grade Level: 10, 11,12

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

<u>HONORS PRE-CALCULUS/TRIGONOMETRY</u> * 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 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

MTH500: AP CALCULUS AB

040451/040452

This course follows the College Board's Advanced Placement syllabus for Calculus AB, which stresses the concept of limit and introduces the student to differential and integral calculus, including both theorems and techniques. Students who select NOT to participate in the AP exam are expected to take a cumulative, AP comparable, teacher-graded end of course exam.

Course length: two semesters; Credit: 2 credits

Prerequisite: Grade of A, or B in Honors Pre-calculus/trigonometry or teacher recommendation

PHYSICAL EDUCATION

In order to earn credit for PE, learners must earn a D or higher in the online coursework and attend required class sessions in order complete physical, performance-based assessments. There is a make-up session each semester in case a class is missed.

<u>OTH021:</u> LIFETIME WELLNESS 1-2 070191/070192

Students will learn about health and nutrition. Knowledge of lifetime wellness and fitness will be covered and emphasized. 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. the varied activities also reinforce how physical fitness catalyzes emotional and mental well-being, self-esteem, and communication skills.

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 8th 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, ang 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

SCI500: AP BIOLOGY 1-2

060471/060472

AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes - energy and communication, genetics, information transfer, ecology, and interactions. Students who select NOT to participate in the AP exam are expected to take a cumulative, AP comparable, teacher-graded end of course exam.

Course length: Two semesters; Credit: 2 credits

Prerequisites: Physical Science 1-2, Biology 1-2, with no grade less than a "C" and teacher recommendation.

SCI113: EARTH SCIENCE 3-4

061061/061062

Earth Science 3-4 is an inquiry-based course that builds upon content from Nebraska's earth science standards that were introduced in the Physical Science and Biology 1-2 course sequence. Students use scientific inquiry to further explore concepts of Earth's composition and how it is studied, the history and dynamics of Earth, and the reshaping the Earth's crust, atmosphere, atmospheric forces, and oceans.

Course length: Two semesters; Credit: 2 credits Prerequisites: Physical Science 1-2 and Biology 1-2.

SCI303: CHEMISTRY 1-2

060551/060552

Chemistry 1-2 engages students in both theoretical and practical problem-solving strategies as they investigate chemical issues that are relevant to their daily lives. Topics of study include laboratory processes, chemical safety, atomic structure, properties of matter, and chemical reactions.

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.

SCI303: HONORS CHEMISTRY 1-2

060561/060562

Chemistry 1-2 engages students in both theoretical and practical problem-solving strategies as they investigate chemical issues that are relevant to their daily lives. Topics of study include laboratory processes, chemical safety, atomic structure, properties of matter, and chemical reactions.

Course length: Two semesters; Credit: 2 credits

Prerequisites: Honors Physical Science 1-2, Honors 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.

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 8th 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—1st semester only; Credit: 1 credit

Grade level: 10

Prerequisite: Grade of A in 9th 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 (first 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

WORLD LANGUAGE

graduation

credit

learning

system to

facilitate

learning

management

Lincoln

\$350/2

semesters

Does not

books

include cost of

High

School

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 Tech Teacher **Duration of course Enrollment process** Graduation support/format credit or College credit Half-MCC -College credit Blackboard Teacher-led 11-week terms Metropolita Email program director and OVS tuition cost ONLY counselor for application information. Community \$171 All online College -Does meet Textbook Nebraska **SPAN 1110** purchase is college -Spanish 1 necessary. entrance **SPAN 1120** requirements -Spanish 2 **SPAN 2110** -Spanish 3 **SPAN 2120** -Spanish 4 OPS FREE OPS Depends on Yes, 100% OPS schedule Call the school to register for the course: graduation Resident of OPS- Neighborhood high traditional the teacher-1st & 2nd semester school credit possibly Attend class according school Microsoft to the traditional school **TEAMS** schedule. Opt-In-Omaha North High School To register: Liliane Jamal, Ed.D.-Counselor P: 402-557-3422 Liliane.jamal@ops.org K12 course \$450/semester Transfer in as K12 Teacher led 4 month-long semesters https://www.k12courses.com/wlg100a-Includes cost of OPS platform All online spanish-i.html books graduation credit University \$200/1 Transfer in as UNL has Self-paced. https://highschool.nebraska.edu/enroll Students have up to 52 of Nebraska OPS independent study. weeks to complete a semester their own

https://highschool.nebr

aska.edu/courses/how-

All online:

courses-work

one semester course.

completed in 80-90

designed to be

hours.

Each semester course is

^{*}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.