



2023-2024
Course Catalog



Westview High School
WOLVERINES



Westview Fast Facts

Mascot | **Wolverine**

Colors | **Orange and Blue**

Founded | **2022**

Projected Enrollment | **1,100**
Fall of 2023

Grades | **9-11 for the 2023-2024**
School Year

Part of an Amazing Year 2 | **You!**

Westview High School opened in the Fall of 2022 with 9th and 10th graders as one of two new high schools in the Omaha Public Schools. In the fall of 2023, 11th graders will be added, and 12th graders will be added in 2024.

Westview High School

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Bennington, NE 68007
531-299-3040
www.ops.org/westview
@OPS_Westview
ops_westview

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WELCOME TO WESTVIEW

THOMAS LEE, PRINCIPAL

Our mission at Omaha Westview High School is to provide educational opportunities for all students to achieve academic success through our multiple pathways and to develop leaders who will become responsible citizens in our communities. This mission takes an entire village of parents, staff, and community partners working together to ensure a positive learning environment where all students reach their fullest potential.

The Westview staff is ready and willing to help our students achieve success through numerous resources and variety of opportunities. We encourage each student to review, study and understand the course manual, to select the appropriate courses that allow that success and to develop to their fullest potential.

We want our students to challenge themselves academically, select courses that prepare them for their future, and that motivate them from day to day. The goal is for our students to be at school every day, enjoy the atmosphere of learning, be engaged and responsible for their learning. The goal is to select courses that will inspire each student to be their best. Together WE Achieve More. We are a TEAM!

Thomas Lee



STAFF CONTACTS

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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).

COURSE SELECTION

Westview takes great care in helping students select appropriate courses and any recommendations are made after careful consideration. The course selection is a process, which involves the student, parent, counselor, IEP coordinator when appropriate, and teachers. Course selection should be based on students' abilities, interests, future career goals and post-secondary educational plans. Students are asked to familiarize themselves with available courses and graduation requirements. Each student will meet individually with his/her assigned counselor for a planning session which includes course selection.

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.

Choose Your Pathway Fair	December 7, 2022
Orientation and Selection of Pathway	January 2023
Westview Open House	January 15, 2023 2 PM - 4 PM
Current 9 th and 10 th Grade Course Selection	January/February 2023
8 th Grade Orientation and Course Selection	February/March 2023
Last Day to change any course selection	April 28, 2023

OPS GRADUATION REQUIREMENTS

Omaha Public Schools Graduation & College Entrance Requirements



SUBJECT	OPS GRADUATION REQUIREMENTS CREDITS	COLLEGE ENTRANCE REQUIREMENTS* 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
TOTAL	49 CREDITS REQUIRED <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.**

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COURSE PLANNER

GRADE 9 SAMPLE SCHEDULE

SUBJECT	SEMESTER 1	SEMESTER 2
ENGLISH	English 1 (H)	English 2 (H)
SOCIAL STUDIES	US History 1 (H)	US History 2 (H)
MATHEMATICS	Recommended level	Recommended level
SCIENCE	Physical Science 1 (H) or Biology 1 (H)	Physical Science 2 (H) or Biology 2 (H)
PHYSICAL EDUCATION	P.E. / Concert Band / JROTC	P.E. / Concert Band / JROTC
FRESHMAN ACADEMY	Freshman Seminar	Freshman Seminar
ELECTIVE	Elective of Choice	Elective of Choice

COURSE PLANNER

GRADE 10 SAMPLE SCHEDULE

SUBJECT	SEMESTER 1	SEMESTER 2
ENGLISH	English 3 (H)	English 4 (H)
SOCIAL STUDIES	Human Geography (H)	Economics (H)
MATHEMATICS	Recommended level	Recommended level
SCIENCE	Biology 1 (H) or Science Elective	Biology 2 (H) or Science Elective
PHYSICAL EDUCATION	P.E. / Concert Band / JROTC	P.E. / Concert Band / JROTC
PATHWAY COURSE	Pathway Elective	Pathway Elective
ELECTIVE	Human Growth or Elective of Choice	Elective of Choice

COURSE PLANNER

GRADE 11 SAMPLE SCHEDULE

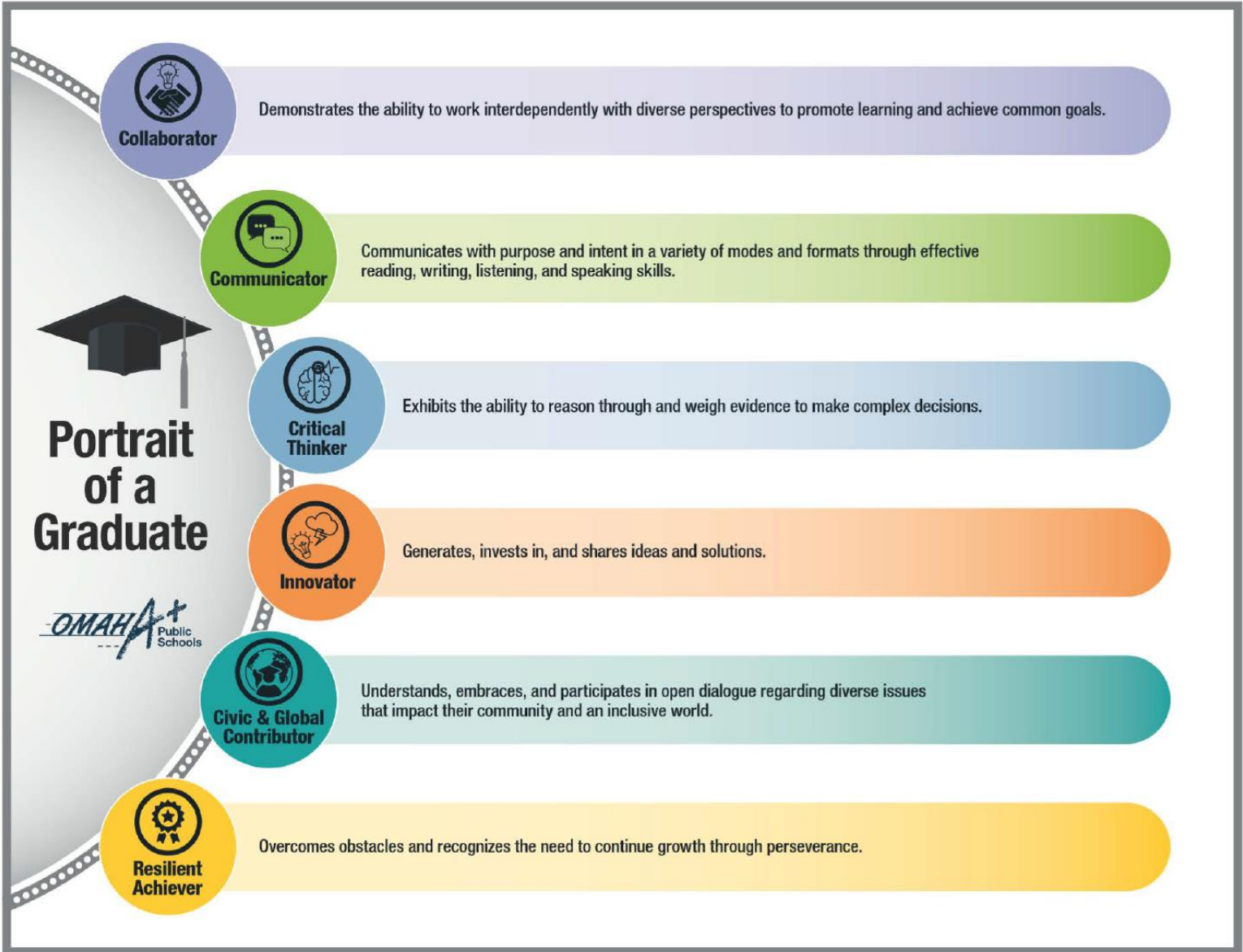
SUBJECT	SEMESTER 1	SEMESTER 2
ENGLISH	English 5 or AP Eng Lang & Comp	English 6 or AP Eng Lang & Comp
SOCIAL STUDIES	Modern World History 1 (H)	Modern World History 2 (H)
MATHEMATICS	Recommended level	Recommended level
SCIENCE	Science Elective	Science Elective
PATHWAY COURSE	Pathway Elective	Pathway Elective
ELECTIVE	Elective of Choice	Elective of Choice
ELECTIVE	Elective of Choice	Elective of Choice

COURSE PLANNER

GRADE 12 SAMPLE SCHEDULE

SUBJECT	SEMESTER 1	SEMESTER 2
ENGLISH	English 7 or AP Lit & Comp	English 8 or AP Lit & Comp
SOCIAL STUDIES	American Government (H)	Personal Finance
MATHEMATICS	Optional Math Elective	Optional Math Elective
SCIENCE	Optional Science Elective	Optional Science Elective
PATHWAY COURSE	Pathway Elective	Pathway Elective
ELECTIVE	Elective of Choice	Elective of Choice
ELECTIVE	Elective of Choice	Elective of Choice

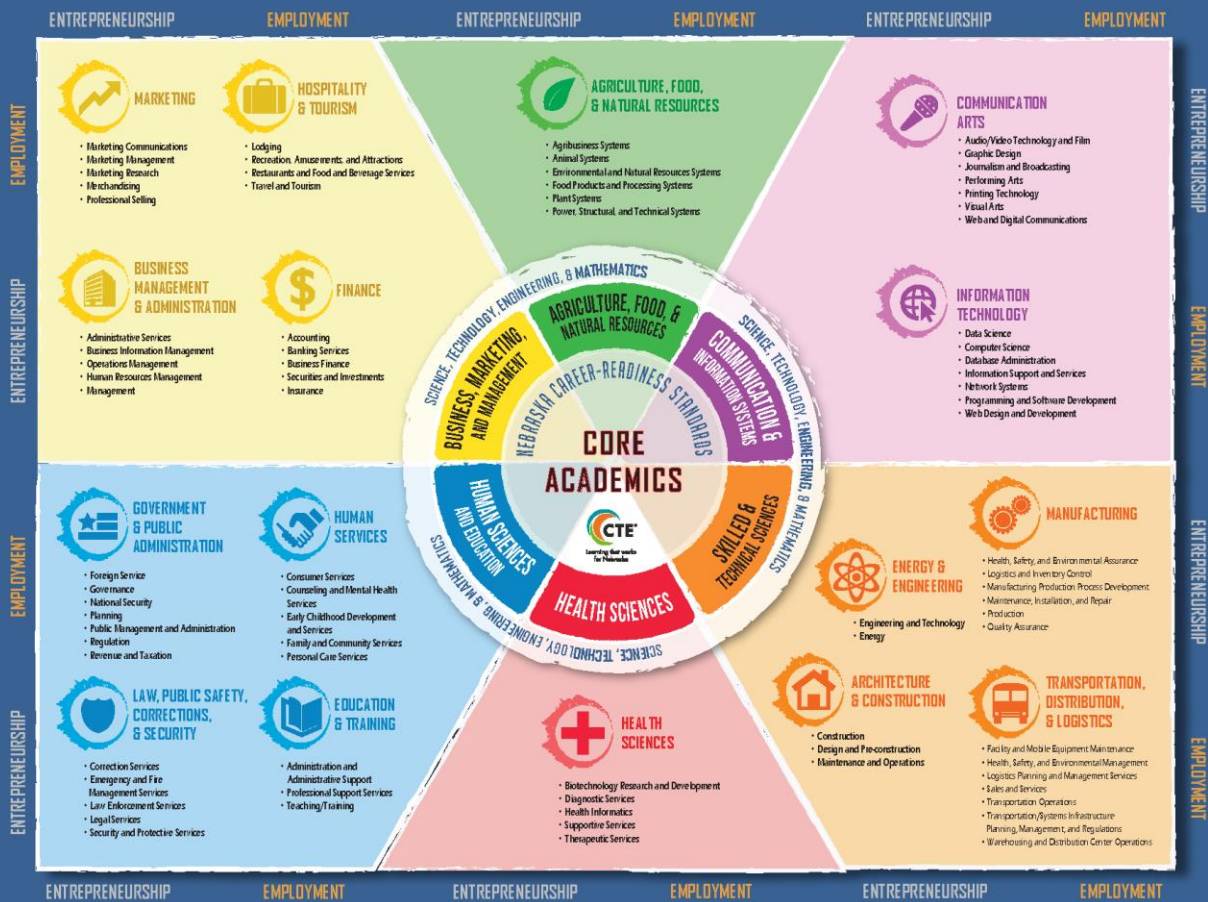
PORTRAIT OF A GRADUATE



NEBRASKA CAREER & TECH ED MODEL



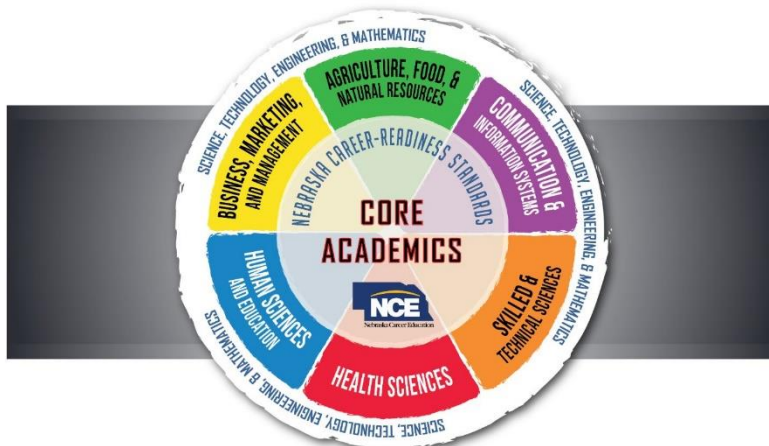
NEBRASKA CAREER & TECHNICAL EDUCATION MODEL



www.CEStandards.education.ne.gov

ADAPTED FROM NASDCTE & NCTEF CAREER CLUSTERS: PATHWAYS TO COLLEGE AND CAREER READINESS. DEVELOPED BY THE NEBRASKA DEPARTMENT OF EDUCATION

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GRADING PRACTICES

Every student. Every day. Prepared for success.



What every student needs to know about grading

OPS Grading Scale



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

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.



- Daily Planner**
View today's schedule and assignments (as for each class).
- Assignments**
Review your assignments by period by specific class or due date.
- Attendance**
Review attendance events in summary and detail form.
- Grades**
Know your grades now! Forget about end-of-term report cards to know how you're doing.
- Food Services**
OPS does not use the Food Service feature in this application. To check your FISH account balance, use the link below on the dashboard page.

Where to Download the Campus Mobile Portal App

The Campus Mobile Portal 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:

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

GRADING PRACTICES

Every student. Every day. Prepared for success.

Omaha Public Schools Common Grading Practices



How will mastery be evaluated?



Formative: 35%

Summative: 65%

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.



GENERAL INFORMATION

HONOR ROLL

Honor Roll is awarded every semester. A grade point average of 3.50 is required to be recognized. Students will have eight opportunities to be on Honor Roll. A student recognition program will be held to award the honorees.

ACADEMIC LETTER

The prestigious Academic Letter is awarded for academic excellence. The Academic Letter encourages students to maintain a high GPA while taking advantage of the extensive curriculum offered at Westview High School. The Academic Letter is based on cumulative GPA and class rank. To be eligible for an Academic Letter, a sophomore, junior or senior must rank in the top five percent of his/her class. Academic Letter eligibility is determined at the end of the first semester each school year.

NATIONAL HONOR SOCIETY

Students in grades 11-12 are eligible to apply for membership in National Honor Society (NHS) based on Scholarship, Service, Leadership, and Character. Upon acceptance and induction into NHS, students must complete volunteer service hours and maintain a 3.75 GPA or higher.

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/Academic Director, or Principal. A student or parent with a course placement appeal may first discuss the matter with the counselor or Assistant Principal-Academic Director, with the object of resolving the matter informally.

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

If, after appealing to level one an individual still wishes to pursue the appeal, 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

If, after receiving a written response from the Chief Academic Officer of Curriculum Instruction and Support and an individual still wishes to pursue the appeal, he/she may formalize the request to the Superintendent of Schools

GENERAL INFORMATION

CREDIT RECOVERY GUIDELINES

The purpose of Credit Recovery is to provide opportunities for students to earn credits to meet graduation requirements for courses they have failed. Credit Recovery involves the student retaking the failed course(s) and focusing on the course content standards to demonstrate proficiency on district assessments. The focus is on the proficiency related to course content standards, not seat time.

- Credit Recovery may be delivered in various methods and during a variety of times (e.g., Summer School, Edmentum time).
- Credit Recovery may be delivered in a traditional classroom or through a blended learning experience (in class with an endorsed teacher using online learning modules).
- Teachers who provide credit recovery through online virtual or blended learning must be certified educators endorsed for the course they are teaching.
- Although students may complete online courses before the end of the term, final grades will need to be posted during the standard grading windows.
- The student should follow the appropriate course sequencing.
- Students should not be enrolled in consecutive courses simultaneously (English 1 & English 2). Any exception to the three-course limit must be identified in an individual learning plan, in an alternative program, and approved by the Chief Academic Officer for Curriculum Instruction and Support.
- Students should be enrolled in no more than three online courses at a time.
- Timely teacher content and feedback is essential for student learning.
- Review the *Edmentum Credit Accrual and Recovery Practices Handbook* for specific guidelines for online practices.

SCHEDULE CHANGE

Students select courses each spring and have an opportunity to review their course selection. Course changes are permitted under the following:

- a credit was recovered in Summer School or Adult High School
- a conflict in the schedule cannot be adjusted without dropping or changing a course
- a scheduling error or additional courses are needed to graduate
- Honor or AP courses are yearlong, students are not allowed to drop during the semester

COURSE DROP GUIDELINES

Procedures for withdrawing from a course:

- Conversation with teachers
- Counselor conferencing with teacher and students
- Problem-solving with all affected parties

DUAL ENROLLMENT



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 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 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.

ADVANCED PLACEMENT

ADVANCED PLACEMENT

The Advanced Placement (AP) program in the Omaha Public Schools offers high school students the opportunity to take college level courses in a high school setting. For over fifty years, students in the high school district have participated in the AP program to gain higher level academic skills and earn college credit while still in high school. Successful completion of AP Exams offers the opportunity to earn college credit and financial savings for families on courses traditionally taken in college freshman and sophomore years. Participation in the AP program gives students college level experience while still in high school.

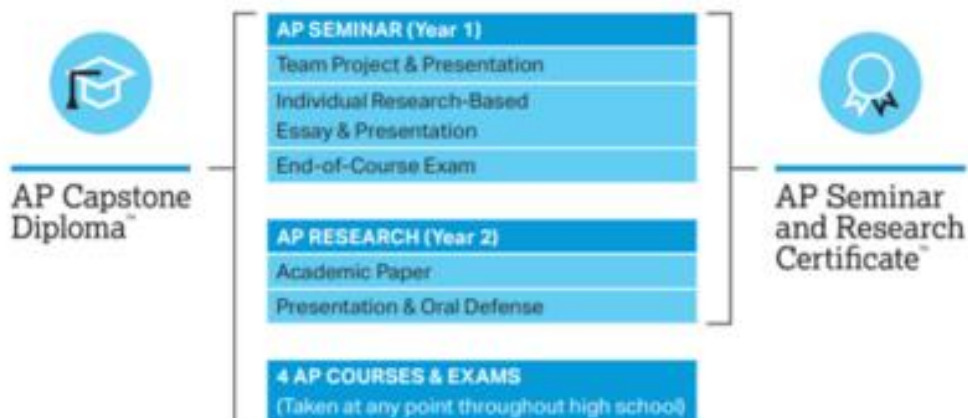
AP Capstone Diploma Program

AP Capstone™ is a diploma program based on two AP courses: AP Seminar and AP Research. These yearlong courses focus on developing the critical thinking, research, collaboration, time management, and presentation skills you need for college-level work.

How It Works

If you earn scores of 3 or higher in AP Seminar and AP Research and on four additional AP Exams of your choice, you'll receive the **AP Capstone Diploma™**.

If you earn scores of 3 or higher in AP Seminar and AP Research, you'll receive the **AP Seminar and Research Certificate™**.



NEBRASKA SEAL OF BILITERACY



Nebraska Seal of Biliteracy



Purpose

The Nebraska Seal of Biliteracy acknowledges a high school student achieving a high level of proficiency in English and at least one additional language.

What

The Nebraska Seal of Biliteracy is presented as a certificate, and a seal that can be attached to a student's diploma and listed on the student's transcript.

Why

The ability to communicate in multiple languages is an asset when applying for a job or for college admission.

How

Submit an application online through the Nebraska Department of Education (bit.ly/NebraskaSeal) — all parts of the application can be completed online.

The Result

There is a Gold Seal and a Silver Seal — awarded according to the results of identified proficiency exams.

5 Steps to Apply

- 1: Check English language proficiency.
- 2: Check language proficiency other than English.
- 3: Go to bit.ly/NebraskaSeal and apply.
- 4: Wait for NDE World Language to verify materials.
- 5: Get the Seal and be marked on your transcript.

Visit Nebraska Seal of Biliteracy Assessment Requirements for more information. (bit.ly/NESealrequirements)

If you have any questions,

please contact your World Languages Teacher for more information.



THE PATHWAYS OF WESTVIEW

Westview High



Programming

Freshman Academy

Business

- Business Management and Insurance
- Business Technology
- Entrepreneurship and Virtual Enterprise
- Marketing

Education

Health Science

- Biomechanics and Research
- Human Performance and Sports Medicine
- Therapeutic Services

Sustainability

- Civil and Community Engineering
- Clean Energy Research and Development
- Environmental Studies

Available Certifications

CPR
AutoCAD Design
First Aid
Microsoft
OSHA

Advanced Academic Opportunities

Advanced Placement Capstone Diploma
Seal of Biliteracy
Dual Enrollment

FRESHMAN ACADEMY



Freshman Academy

The mission of the Westview Freshman Academy is to support students in the transition from eighth grade to high school by providing social, emotional, and academic supports to build community and drive achievement.



Team Power

The vision of team Power is that students will realize they have the power to create their own future!



Team Passion

The vision of team Passion is to facilitate students' identification and exploration of their individual passions!



Team Persistence

The vision of team Persistence is that students will demonstrate persistence to accomplish their goals no matter the obstacle.

FRESHMAN ACADEMY



Course Sequence

9th Grade: Freshman Seminar

- Every student will take Freshman Seminar their 9th grade year. This class focuses on the Portrait of a Graduate and explores the 11 pathways at Westview.
- The Portraits of a Graduate include:
 - Resilient Achiever
 - Collaborator
 - Communicator
 - Critical Thinker
 - Innovator
 - Civic & Global Contributor
- 10th grade-12th grade courses are dependent upon the pathway students select



Pathway Options

Business

- Marketing
- Entrepreneurship & Virtual Enterprise
- Management & Insurance
- Business Technology

Education

Health Science

- Biomechanics & Research
- Therapeutic Services
- Human Performance & Sports Medicine

Sustainability

- Civil and Community Engineering
- Clean Energy & Research
- Environmental Studies

Experiential Learning & Structures

- Teamed Support
- Recognition & Intervention
- Guest Presentations
- Project-Based Learning
- Mentorships
- Site/Field Visits
- Research Experiences
- Exploration Fairs

SUSTAINABILITY PATHWAYS



Sustainability

Creating a future for multiple generations through research, data, and ingenuity. Through our Sustainability pathways, students will explore engineering, environmental studies, clean energy research, and more to help build a more carbon-neutral, sustainable future.



Civil & Community Engineering

Learn a variety of engineering and design professions that deal with the design, construction, and maintenance of the environments in which humans live.



Clean Energy Research & Development

Investigate professions relating to the research, installation, design, maintenance, and auditing of clean renewable energy systems that can be used for electricity generation, space and water heating and cooling, and transportation.



Environmental Studies

Explore the interdisciplinary fields and professions that examine the interplay between the social, legal, management, and scientific aspects of environmental issues.

SUSTAINABILITY PATHWAYS



Pathway Options & Course Sequence

Civil & Community Engineering

- Level 1: Civil Engineering Design 1-2
- Level 2: Civil Engineering Design 3-4
- Level 3: Civil Engineering Design 5-6

Clean Energy Research & Development

- Level 1: Clean Energy 1-2
- Level 2: Clean Energy 3-4
- Level 3: Clean Energy 5-6

Environmental Studies

- Level 1: Environmental Science 1-2 or AP Environmental Science
- Level 2: Environmental Water Technology 1-2
- Level 3: Inland Ecosystems 1-2



Possible Career Fields

- Civil Engineer
- Environmental Engineer
- Environmental Lawyer
- Solar Installer
- Landscape Architect
- Environmental Scientist
- City/Urban Planner
- Wind Turbine Technician
- Geologist
- Project Manager

Transferrable Skills

- AutoCAD Design
- Civil 3D Design
- ArcGIS
- Scientific Testing
- Quality Control
- Design Process
- Technical Writing & Communication
- Interdisciplinary Collaboration
- Design Reports

Experiential Learning

- Dual Enrollment Courses
- AP Courses
- Internships
- Project-Based Learning
- Mentorships
- Site/Field Visits
- Research Capstone
- Job Fairs

HEALTH SCIENCES PATHWAYS



Health Science

Creating a future for multiple generations through research, data, and ingenuity. Through our Health Science pathways, students will explore biomechanics & research, therapeutic services, human performance & sports medicine, and more to help build a more healthy, active future.



Biomechanics & Research

Study the field of health that researches the principles of movement mechanics to understand joint reconstruction, bone adaptation, and joint mechanics to treat disorders and injuries.



Therapeutic Services

Examine the variety of therapeutic services within the healthcare profession that use assessment and intervention to develop, recover, or maintain movement, speech, meaningful activities, or occupations.



Human Performance & Sports Medicine

Explore the field of medicine that deals with physical fitness and the treatment and prevention of injuries related to sports and exercise.

HEALTH SCIENCES PATHWAYS



Pathway Options & Course Sequence

Biomechanics & Research

- Level 1: Foundations of Health Care (1st Semester)
Intro to Medical Terminology (2nd Semester)
- Level 2: Anatomy & Physiology
- Level 3: Biomechanics of Movement

Therapeutic Services

- Level 1: Foundations of Health Care (1st Semester)
Intro to Medical Terminology (2nd Semester)
- Level 2: Patient Care
Health Information Technology
- Level 3: Medical Therapeutics 1-2

Human Performance & Sports Medicine

- Level 1: Foundations of Health Care (1st Semester)
Intro to Medical Terminology (2nd Semester)
- Level 2: Sports Medicine 1-2
- Level 3: Intro to Exercise Science



Possible Career Fields

- Kinesiologist
- Biomechanical Engineer
- Physical Therapist
- Sports Medicine Doctor
- Researcher
- Sports Physiologist
- Ergonomist
- Athletic Trainer

Transferrable Skills

- CPR/First Aid Certification
- Electronic Health Information Systems
- Research Protocols
- Perform Fitness Assessments
- Analyze Medical Charts
- Perform Cardiorespiratory Endurance Tests
- Treatment Assessments
- Measure Vitals
- Technical Writing & Communication

Experiential Learning

- Dual Enrollment Courses
- AP Courses
- Internships
- Project-Based Learning
- Mentorships
- Site/Field Visits
- Research Capstone
- Job Fairs

BUSINESS PATHWAYS



Business

Creating a future for multiple generations through leadership, data, technology, and ingenuity. Through our Business pathways, students will explore business management and insurance, entrepreneurship and virtual enterprise, marketing, and business technology to help build strong economies and thriving communities.

Business Management & Insurance



Analyze the areas of business that incorporate leadership and critical thinking to oversee daily operations, prevent financial loss, and ensure institutional and personal security.



Entrepreneurship & Virtual Enterprise

Study the fields of business that allow professionals to start and operate their own business as well as web-enabled information networks that connect companies who participate in virtual business.

Marketing



Explore the fields of marketing to develop skills that promote business, advertise specials, and attract clientele by incorporating innovative practices.



Business Technology

Investigate professions relating to business technology and their use of science, data, engineering, and information applications to achieve business goals and to communicate to their clients.

BUSINESS PATHWAYS



Pathway Options & Course Sequence

Business Management & Insurance

- Level 1: Principles of Business
Marketing & Management (1st Semester)
Entrepreneurship 1 (2nd Semester)
- Level 2: Management & Leadership 1-2
- Level 3: Banking, Investing, & Insurance
Operations Management

Entrepreneurship & Virtual Enterprise

- Level 1: Principles of Business
Marketing & Management (1st Semester)
Entrepreneurship 1 (2nd Semester)
- Level 2: Accounting 1-2
- Level 3: Virtual Enterprise 1-2

Marketing

- Level 1: Principles of Business
Marketing & Management (1st Semester)
Entrepreneurship 1 (2nd Semester)
- Level 2: Marketing 1-2
- Level 3: Marketing 3-4

Business Technology

- Level 1: Principles of Business
Marketing & Management (1st Semester)
Entrepreneurship 1 (2nd Semester)
- Level 2: Info Technology Apps 1-2
- Level 3: Business Communications 1-2

Possible Career Fields

- Accountant
- Business Owner
- Marketing Manager
- Public Relations Coordinator
- Claims Analyst
- Insurance Agent
- Software Developer
- Web Developer
- Social Media Coordinator
- Business Manager

Transferrable Skills

- Communication
- Collaboration
- Critical Thinking
- Leadership
- Creative Problem Solving
- Planning & Organization
- Decision Making
- Time Management

Experiential Learning

- Dual Enrollment Courses
- AP Courses
- Internships
- Project-Based Learning
- Mentorships
- Site/Field Experiences
- Research Capstone
- Job Fairs



EDUCATION PATHWAY



Education

Creating a future for multiple generations through leadership, innovation and instruction. Through our Education Pathway, students will explore teaching, school leadership, school support, and more to help build well-rounded, scholastic communities.



Teaching

Explore the foundation of education by starting in the classroom with best instructional practices, educational philosophies, and theories rooted in development.



School Leadership

Learn about the various leadership roles outside of the classroom that require collaboration, communication, and civic skills to promote school operations such as administration, counseling, and curriculum support.



School Support

Investigate the diverse roles of education that enhance individual and team performance and help students achieve goals and become resilient achievers such as social work, paraprofessionals, coaching, psychology, library media, and more.

EDUCATION PATHWAY



Pathway Options & Course Sequence

Teaching School Leadership School Support

- Level 1: Lifespan Development (1st Semester)
Principles of Education and Training (2nd Semester)
- Level 2: Best Practices in Education
- Level 3: Education and Training Internship

Possible Career Fields

- Teaching
- Administration
- Counseling
- School Psychology
- Speech Language Pathology
- Social Work
- Library Media Specialty
- Coaching

Transferrable Skills

- Leadership
- Communication
- Organization
- Multi-Tasking
- Adaptability
- Problem-Solving
- Time Management
- Collaboration

Experiential Learning

- Dual Enrollment Courses
- AP Courses
- Internships
- Project-Based Learning
- Mentorships
- Site/Field Visits
- Research Capstone
- Job Fairs



SUSTAINABILITY PATHWAYS REQUIRED COURSES



Sustainability Pathways

REQUIRED PATHWAY COURSES			
Grade 9	Freshman Seminar		
Level 1 Courses	Civil & Community Engineering	Clean Energy Research & Development	Environmental Studies
	↓	↓	↓
	Civil Engineering Design 1-2	Clean Energy 1-2	Environmental Science 1-2
Level 2 Courses	Civil Engineering Design 3-4	Clean Energy 3-4	Environmental Water Technology 1-2
Level 3 Courses	Civil Engineering Design 5-6	Clean Energy 5-6	Inland Ecosystems 1-2
Suggested Pathway Electives	AP Environmental Science, World Language of Choice, Calculus, Chemistry, AP Seminar, AP Research	Physics, AP or Regular Environmental Science, World Language of Choice, Statistics, Psychology & Sociology, AP Seminar, AP Research	Chemistry, World Language of Choice, Statistics, Psychology & Sociology
Career Opportunities	Civil Engineer, Environmental Engineer, Geologist, Soil Scientist, Construction Manager, Robotic/Automation Engineer, Project Designer, Project Manager, Environmental Scientist	Renewable Energy Engineer, Solar Installer, Wind Turbine Technician, Ethanol Engineer, Building Automation Specialist, Aquaculture Scientist, Energy Auditor	Environmental Scientist/Specialist, Environmental Quality Specialist, Environmental Engineer, Landscape Architect, Environmental Lawyer, Environmental Chemist, Environmental Health Officer, Geologist, Geographer, Environmental Consultant, Water Quality Specialist, Meteorologist
Extra-Curricular Opportunities	SAME Competition, ACE Mentorship, SkillsUSA, VEX Robotics, Green Schools Initiative Club	SkillsUSA, VEX Robotics, Green Schools Initiative Club	SkillsUSA, VEX Robotics, Green Schools Initiative Club

HEALTH SCIENCES PATHWAYS

REQUIRED COURSES



Health Science Pathways

	REQUIRED PATHWAY COURSES		
Grade 9	Freshman Seminar		
Level 1 Courses	Biomechanics & Research	Therapeutic Services	Human Performance & Sports Medicine
	↓	↓	↓
	Foundations of Health Care & Intro to Medical Terminology	Foundations of Health Care & Intro to Medical Terminology	Foundations of Health Care & Intro to Medical Terminology
Level 2 Courses	Anatomy & Physiology	Patient Care & Health Information Technology	Sports Medicine 1-2
Level 3 Courses	Biomechanics of Movement	Medical Therapeutics 1-2	Intro to Exercise Science
Suggested Pathway Electives	Physics, World Language of Choice, Psychology & Sociology, Calculus, Chemistry, AP Seminar, AP Research	Anatomy/Physiology, World Language of Choice, Psychology & Sociology, Calculus, Chemistry, Physics	Anatomy & Physiology, World Language of Choice, Psychology & Sociology, Chemistry
Career Opportunities	Athletic Trainer, Physical Therapist, Sports Medicine Doctor, Kinesiologist, Exercise Scientist, PE Teacher	Physical Therapist, Respiratory Therapist, Occupational Therapist, Speech Therapist, Nurse, Pharmacist	Athletic Trainer, Exercise Scientist, Coach, Personal Trainer, PE Teacher
Extra-Curricular Opportunities	HOSA Future Health Professionals Organization		

BUSINESS PATHWAYS REQUIRED COURSES




Business Pathways

REQUIRED PATHWAY COURSES				
Grade 9	Freshman Seminar			
Level 1 Courses	Business Management & Insurance	Entrepreneurship & Virtual Enterprise	Marketing	Business Technology
	↓	↓	↓	↓
	Principles of Business Marketing & Management & Entrepreneurship 1	Principles of Business Marketing & Management & Entrepreneurship 1	Principles of Business Marketing & Management & Entrepreneurship 1	Principles of Business Marketing & Management & Entrepreneurship 1
Level 2 Courses	Management & Leadership 1-2	Accounting 1-2	Marketing 1-2	Info Technology Apps 1-2
Level 3 Courses	Banking, Investing and Insurance & Operations Management	Virtual Enterprise 1-2	Marketing 3-4	Business Communications 1-2
Suggested Pathway Electives	World Language of Choice, Marketing, Digital Design, Journalism, Speech, Psychology & Sociology	Performing and Fine Arts, World Language of Choice, Speech, Psychology & Sociology, Marketing, Digital Design	World Language of Choice, Psychology & Sociology, Digital Design, Speech, Journalism	World Language of Choice, Digital Design, Marketing, Psychology & Sociology, Speech, Journalism, Digital Journalism
Career Opportunities	Insurance Agent, Claims Adjuster, Claims Analyst, Officer Manager, Director of Operations	Accountant, Business Manager, Business Owner	Marketing Manager, Sales Manager, Public Relations Coordinator, Social Media Coordinator	Software Developer, Systems and Network Management, Systems Analyst, App Developer, Web Developer
Extra-Curricular Opportunities	DECA Future Business Leaders of America (FBLA)			

EDUCATION PATHWAY REQUIRED COURSES



Education Pathway

	REQUIRED PATHWAY COURSES
Grade 9	Freshman Seminar
Level 1 Courses	Education
	 Lifespan Development & Principles of Education & Training
Level 2 Courses	Best Practices in Education
Level 3 Courses	Education and Training Internship
Suggested Pathway Electives	Performing and Fine Arts, World Language of Choice, Speech, Psychology & Sociology
Career Opportunities	Elementary Teacher, Middle Level Teacher, Secondary Teacher, Special Educator, Counselor, Administrator, School Psychologist, School Social Worker, Speech Language Pathologist
Extra-Curricular Opportunities	Educators Rising

CAREER CENTER



THE PATHWAYS *of* The Career Center

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CAREER CENTER



11 Pathways

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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.

*“People are so friendly here,
that’s so different” & “Best part
of my day”– 2022 students*

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 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, 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 Doorly Zoo campus. (Nov. 2020 due date)

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

MCC MATH



OPS MCC Math Dual Enrollment

OPS MCC Math Dual Enrollment is a program offered through Metropolitan Community College and is designed to equip high school students with the math skills necessary to earn an associate's degree. Students attend an MCC Math class as part of their regular high school schedule, however, the course is a self-paced curriculum delivered in an online format with the support of certified teachers. Upon successful completion, students will have earned both OPS high school credit as well as Metropolitan Community College credits.

Courses Available:

MCC Course Title	OPS Course Title (Course Number)	OPS Credit Type	MCC Credit Equivalence
MATH 0910* – Pre-Algebra	This course is included in both MCC Business Math 1220 and MCC Technical Math 1240	*	5.0 credits
MATH 1220 – Business Mathematics OR MATH 1240 – Technical Mathematics	MCC Business Math 1220 (049501/049502) OR MCC Technical Math 1240 (049511/049512)	2 Math (1 per semester)	4.5 credits

*Proficiency with course content from Math 0910 is required before engaging with Math 1220 or Math 1240 content. Students may place out of this course based on an ACT score or pre-test score.

How do students register?

Students register with their school counselor when they register for their courses.

Do these courses meet the math requirements for graduation in OPS?

Yes. Students may earn one credit per semester for MCC Business Math 1220 and MCC Technical Math 1240. These courses, however, do not meet NCAA eligibility.

Are there any fees?

There are no fees for students. The cost of the course and dual enrollment is funded by the Peter Kiewit Foundation and other sources. The cost equivalent that is covered by the funder is approximately \$1000.

What is dual enrollment?

Dual enrollment is a term used for courses that simultaneously earn a student credit at high school and at a partner institution such as Metropolitan Community College.

Are all MCC Modular Math students dual enrolled?

Yes. All students that are enrolled in OPS MCC Business Math 1220 or MCC Technical Math 1240 are automatically dual enrolled with Metropolitan Community College.

Are there any other requirements for students to enroll in MCC Modular Math?

Yes. All students that are enrolled in OPS MCC Business Math 1220 or MCC Technical Math 1240 MUST also complete an MCC dual enrollment form which includes a parent/guardian signature. Other data collection forms may also be requested.

How can students learn more about these MCC Modular Math courses and other courses offered through Metropolitan Community College?

Students can search "math" at <https://mycatalog.mccneb.edu/> to find full descriptions of the MCC Modular Math courses or choose a different search term if interested in other courses that MCC has to offer.

COURSE OFFERINGS

ART

ART 1-2

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.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 9, 10, 11

Prerequisite: None

ART 3-4

This course offers an expansion of skills and knowledge of drawing and design concepts, and further exploration of techniques and media, including watercolor and/or acrylic painting. Students will explore aesthetic issues, examine, and discuss historically important art works from a variety of cultures, using the language of art criticism. 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.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 10, 11

Prerequisite for this course is successful completion of Art 1-2 with a C or better or teacher permission.

ART 5-6

This course offers serious art students the opportunity to apply the elements and principles of design to advanced projects in a variety of media (i.e., various techniques of printmaking, painting, and/or sculpture). 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 engage in art criticism and aesthetic discussion as they explore various time periods and cultures from an art historical perspective. Students will keep a drawing and reflection sketchbook.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 11

Prerequisite for this course is successful completion of Art 3-4.

POTTERY 1-2

This course explores hand-built pottery techniques in terms of form, function, and cultural expression. A background in drawing, design and color is recommended. 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 learn about pottery produced by artisans from various cultures and times and use the critical process to evaluate their own work, as well as examples taken from art history.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 9, 10, 11

Prerequisite: None

POTTERY 3-4

This course will enable students to further develop hand building and wheel throwing skills, while they continue to study the development of pottery styles and techniques through history and in various cultures. Aesthetic issues related to form and function, the inherent expressive qualities of clay, and identifying good craftsmanship will be an ongoing part of the study. In addition to art production, students will use a variety of learning strategies including reading, analyzing, and responding to develop a deeper understanding of ceramic art.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 10, 11

Prerequisite for this course is successful completion of Beginning Pottery or Pottery 1-2 with a C or better or teacher permission.

POTTERY 5-6

This course is an advanced, individualized course providing selected students an opportunity to individualize projects, enhancing their style in the medium while further exploring the philosophical and historical aspects of clay art. Focus is on creating a series of clay pieces on a chosen theme, researching ceramic history or artists, keeping a pottery journal/sketchbook, becoming current with contemporary ceramic artists and styles, participating in workshops, and mixing glazes.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 11

Prerequisite for this course is successful completion of Pottery 3-4 or instructor permission.

COMPUTER GRAPHIC DESIGN 1-2

This course is an introduction to computer graphics design. Students will learn the elements and principles of design, in addition to layout skills and other applications of computer technology (flyers, poster and package design, drawing illustration). Students will be given a foundation in the business and commercial applications of computer graphics.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 9, 10, 11

Prerequisite: None

COMPUTER GRAPHIC DESIGN 3-4

This course is a continuation of student preparation in the field of commercial art and graphic design. Students explore hardware and software used by the industry, building a portfolio of their work.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 10, 11

Prerequisite for the course is successful completion of Computer Graphic Design 1-2

COMPUTER GRAPHIC DESIGN 5-6

This is a third-year advanced course in computer graphics with emphasis on individual student projects in commercial art and design.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 11

Prerequisite for the course is successful completion of Computer Graphic Design 3-4.

AP STUDIO ART 3-D

The AP 3D Art and Design course framework presents an inquiry-based approach to learning about and making art and design. Students are expected to conduct an in-depth, sustained investigation of materials, processes and ideas. The framework focuses on concepts and skills emphasized within college art and design foundations courses with the same intent: to help students become inquisitive, thoughtful artists and designers able to articulate information about their work. AP 3D Art and Design students develop and apply skills of inquiry and investigation, practice, experimentation, revision, communication and reflection. Students can work with any materials, processes and ideas that involve space and form. Figurative or nonfigurative sculpture, architectural models, metal work, ceramics, glasswork, installation, performance, assemblage, and 3-D fabric/fiber arts are among the possibilities. The AP 3D Art and Design Portfolio exams contain two sections. The Selected Works section requires students to demonstrate skillful synthesis of materials, processes and ideas. The Sustained Investigation section requires students to conduct a sustained investigation bases on questions, through practice, experimentation and revision. Both sections of the portfolio require students to articulate information about their work. Prerequisites for this course are successful completion with a B or better in two years of upper level art courses or instructor approval. Students who select NOT to participate in the AP exam are expected to take a cumulative, AP comparable, teacher-graded end of course exam.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 10, 11

APPLIED DESIGN 1-2

This course explores design in crafts, with emphasis on function, decoration, cultural context. Students will be introduced to notable crafts movements and styles, and use the critical process to examine their own work, and examples from art history. Emphasis will be on understanding the relationship of form and function in utilitarian and decorative objects; as well as recognizing the effect of advances in technology on craft traditions. Students will be creating objects in a variety of media, demonstrating the use of elements and principles of design and understanding aesthetic theory and the creative process. 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 and craft. Prerequisite: Art 1-2

Credit: 1 per semester Duration: 2 semesters

Grade Level: 10, 11

BUSINESS

PRINCIPAL OF BUSINESS MARKETING & MANAGEMENT 1

This course is designed as an introductory overview of the Business, Marketing, and Management Career Field. Units of study include economic systems, forms of business ownership, management, marketing, and accounting. Career opportunities will also be explored.

Credit: 1 per semester *Duration: 1 semester*

Level 1: 10, LEVEL 1



ENTREPRENEURSHIP 1

Entrepreneurship is a course designed for students with a career interest in entrepreneurship. Emphasis is placed on the evaluation of the business skills and commitment necessary to successfully operate an entrepreneurial venture and review the challenges and rewards of entrepreneurship. The role of entrepreneurial businesses in the United States and the impact on the national and global economy will be explored. Instructional strategies may include the development of a business plan, or actual creation of a student-run business.

Credit: 1 per semester *Duration: 1 semester*

Level 1: 10, LEVEL 1



MANAGEMENT & LEADERSHIP 1-2

This course emphasizes the basic concepts of management and leadership within a business or organization. It addresses characteristics, organization, and operation of business as major sectors of the economy. Students will investigate management issues involved in planning, organizing, leading, and controlling an organization. They will also acquire essential skills in the areas of emotional intelligence: time management, stress management, professional growth and development, communication, and relationship skills.

Credit: 1 per semester *Duration: 2 semesters*

Level 2: 11, LEVEL 2



ACCOUNTING 1-2

This two-semester course covers sole proprietorship accounting principles involved in the preparation and maintenance of financial records concerned with business management and operations. It is a comprehensive introduction to basic accounting including recording, summarizing, and reporting, principles of income measurement and asset valuation, and accounting systems and controls. Students are exposed to careers in the accounting field and are given the opportunity to perform accounting applications using the computer. An introduction to partnerships and corporations may be included.

Credit: 1 per semester *Duration: 2 semesters*

Level 2: 11, LEVEL 2



BUSINESS

MARKETING 1-2

Students will explore the basic functions of marketing: pricing, promotion, product planning, and place/distribution: the marketing mix. The curriculum provides the foundational skills and knowledge in economics, communications skills/interpersonal skills, professional career development, business, management, and entrepreneurship. Application of academic concepts and technology are integrated throughout the curriculum.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 11, LEVEL 2



INFO TECHNOLOGY APPS 1-2

Students will explore emerging technologies as it applies to their success for high school, college, and career. The focus will be on the importance of digital citizenship, professional communication practices, advanced document processing, professional presentations, and intermediate spreadsheet and database applications used personally and professionally.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 11, LEVEL 2



ENGLISH 1-2

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.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 9

HONORS ENGLISH 1-2

Honors English 1-2 provides a more rigorous and intensive study of the English Language Arts skills of reading, writing, speaking, and listening as described in English 1-2. Students will read a variety of narrative and informational texts and produce writing pieces in the following modes: descriptive, narrative, analytical, expository, persuasive, argumentative, and technical. Additional course work is required above and beyond the regular English 1-2 course.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 9

ENGLISH 3-4

This course focuses on the English Language Arts skills of reading, writing, speaking, and listening. Students will use a variety of unique conceptual lenses (relationships, culture, responsibility, integrity, and honor) 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.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 10

ENGLISH 3-4 AP SEMINAR

English 3-4 AP Seminar provides students the opportunity to develop and practice the skills in research, collaboration, and communication that are necessary in the study of any academic discipline. Students will investigate topics in a variety of subject areas, write research-based essays, and design and give presentations both individually and as part of a team.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 10

ENGLISH 5-6

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

Credit: 1 per semester Duration: 2 semesters

Grade Level: 11

AP ENGLISH LANGUAGE & COMPOSITION

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 ways 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.*

Credit: 1 per semester Duration: 2 semesters

Grade Level: 11

AP SEMINAR 1-2

AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational, literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in written essays, and design and deliver oral and visual presentations, both individually and as part of a team. The course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments. Students who select NOT to participate in the AP exam are expected to take a cumulative, AP comparable, teacher-graded end of course exam.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 11

CREATIVE WRITING 1-2

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.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 9, 10, 11

SPEECH 1-2

Speech 1-2 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.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 9, 10, 11

ACADEMIC LITERACY SKILLS 1-2

This course helps students develop skills and knowledge to improve their engagement, fluency, and comprehension of content-area materials and texts. Students will learn to understand and regulate their own reading processes while developing strategies for overcoming reading obstacles. Placement is based on standardized test scores and teacher recommendation.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 9

LITERACY SKILLS 1-2 (Year 1 & 2)

Students in this course will improve reading proficiency with explicit, direct instruction in fluency, vocabulary, and comprehension. Strategies for phonemic awareness and phonics will be taught as needed. Students will read leveled, high interest literature for both academic and recreational purposes. Placement is based on Standardized test scores and teacher recommendation.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 9, 10, 11

JOURNALISM 1-2

Journalism 1-2 introduces students to the field of journalism including newspaper, photography, and yearbook. Students learn the history, law, and ethics of journalism as well as journalistic writing, reporting, and interviewing, and layout and design. Students are expected to work both individually and collaboratively.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 9, 10, 11

HONORS JOURNALISM 1-2

Honors Journalism 1-2 introduces students to the field of journalism including newspaper, photography, and yearbook. Students learn the history, law, and ethics of journalism as well as journalistic writing, reporting, and interviewing, and layout and design. Students are expected to work both individually and collaboratively.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 9, 10, 11

PHOTOJOURNALISM 1

Photojournalism students learn and apply advanced photography and software techniques to produce high quality photographs for the yearbook, newspaper, and/or newspaper website.

Credit: 1 per semester Duration: 1 semester

Grade Level: 9, 10, 11

DIGITAL JOURNALISM 1

Digital Journalism focuses on a variety of media platforms for the 21st century, placing emphasis on the laws and ethics of both online and video journalism which include the development of skills in online newspaper and web design, podcasts, news broadcasting and social media. Students will understand what positive and objective digital citizenship is in addition to acquiring skills that help to prepare them for advanced journalism courses.

Credit: 1 per semester Duration: 1 semester

Grade Level: 9, 10, 11

HONORS DIGITAL JOURNALISM 3-4

Students enrolled in this course will be responsible for the production of the online school newspaper website and student journalism social media. Students work individually and collaboratively on their assignments. Quality writing, editing, advertising, photography, and video skills are required.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 10, 11

Prerequisites: Successful completion of a "C" or higher in either Journalism 1-2, Honors Journalism 1-2, or both photojournalism and digital journalism. It also requires Journalism Adviser permission.

HONORS NEWSPAPER 1-2

Students enrolled in this course will be responsible for the print and/or online production of the school newspaper. Students will work individually and collaboratively

on their assignments. Quality writing, editing, advertising, photography, and layout design skills are emphasized.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 10, 11

Prerequisites: Successful completion of a "C" or higher in either Journalism 1-2, Honors Journalism 1-2, or both photojournalism and digital journalism. It also requires Journalism Adviser permission.

HONORS NEWSPAPER 3-4

Students enrolled in this course will be responsible for the print and/or online production of the school newspaper. Students will work individually and collaboratively on their assignments. Quality writing, editing, advertising, photography, and layout design skills are emphasized. Students will assume additional responsibilities and assignments. This course is for second year newspaper students.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 10, 11

Prerequisites: Successful completion of a "C" or higher in Honors Newspaper 1-2 AND requires Journalism Adviser permission.

HONORS YEARBOOK 1-2

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

Credit: 1 per semester Duration: 2 semesters

Grade Level: 10, 11

Prerequisites: Successful completion of a "C" or higher in either Journalism 1-2, Honors Journalism 1-2, or both photojournalism and digital journalism. It also requires Journalism Adviser permission.

HONORS YEARBOOK 3-4

Students enrolled in this course are responsible for the production of the school yearbook. Students work individually and collaboratively on their assignments. Quality writing, editing, advertising, photography, and layout design skills are required. Students will assume additional responsibilities and assignments. This course is for second year yearbook students.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 10, 11

Prerequisites: Successful completion of a "C" or higher in Honors Yearbook 1-2 AND requires Journalism Adviser permission.

HONORS YEARBOOK 5-6

Students enrolled in this course are responsible for the production of the school yearbook. Students work individually and collaboratively on their assignments. Quality writing, editing, advertising, photography, and layout design skills are required. Students will assume additional responsibilities and assignments. This course is for third year yearbook students.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 11

Prerequisites: Successful completion of a "C" or higher in Honors Yearbook 3-4 AND requires Journalism Adviser permission.

EDITORIAL LEADERSHIP

Students enrolled in this class must also be enrolled concurrently in H Yearbook 3-4, H Newspaper 3-4, or Digital Journalism 5-6 or higher. The purpose of this class is to build the leadership skills of journalists who are promoted into editorial management positions. It will also establish ongoing training, coaching, and support as well as create mutually supportive cohorts for the leaders.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 11

Prerequisites: Successful completion of a "C" or higher in previous Honors Yearbook, Honors Newspaper, or Honors Digital Journalism AND requires Journalism Advisor Permission. Exceptions may be made for H Yearbook 1-2, H Newspaper 1-2, and H Digital Journalism 3-4 students who have been moved to an editorial leadership position.

DRAMA 1-2 (YEAR 1)

This course 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. Students are required to attend and critique all school play and musical productions.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 9, 10, 11

HONORS ADVANCED DRAMA 3-4 (YEAR 2)

Honors Advanced Drama 3-4 is a continued in-depth study and application of acting principles and techniques, drama terminology, and special topics in drama/theater: the actor, playwright, director, dramatic structure, dramatic genre and style. Students will perform monologues, scripted scenes and various other performance pieces that will develop acting skills and methods. In addition, students will learn and apply the fundamentals of directing, playwriting, and theatre history in their acting work. Students are required to attend and critique all school play and musical productions and one other live stage production per semester.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 9,10, 11

Prerequisite: Drama 1-2 or Honors Drama 1-2 with C or higher.

ADVANCED DRAMA (YEAR 3 & 4)

Advanced Drama is a continued in-depth study and application of acting principles, terminology, and theater history. Students will also learn and apply the fundamentals of directing, stage, lighting, and costume design. Students are required to attend and critique two live stage productions per semester.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 10, 11

Prerequisite: Advanced Drama 3-4 or Honors Advanced Drama 3-4 with a C or higher and teacher recommendation.

HONORS ADVANCED DRAMA 5-6 (YEAR 3 & 4)

Honors Advance Drama 5 is a continued in-depth study and application of acting principles and techniques, drama terminology, and special topics in drama/theater: the actor, playwright, director, dramatic structure, dramatic genre and style. Students will perform monologues, scripted scenes and various other performance pieces that will develop acting skills and methods. In addition, students will learn and apply the fundamentals of directing, playwriting, and theatre history in their acting work. Students are required to attend and critique all school play and musical productions and one other live stage production per semester. Additional requirements, responsibilities, and/or projects are a part of this course.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 10, 11

Prerequisite: Advanced Drama 3-4 or Honors Advanced Drama 3-4 with a C or higher and teacher recommendation.

STAGECRAFT 1-2 (Honors Option) (YEAR 2)

Stagecraft 1-2 focuses on providing students with an understanding of technical theater, including theater safety, parts of a theater, theatrical rigging systems, the safe use of tools, basic set construction, introduction to set design, introduction to theatrical lighting and sound, stage management, and the use of other theatrical equipment. In addition, students will be introduced to theatrical costumes, properties, and theatrical makeup and the role each plays within a production. Students are required to attend and critique all school play and musical productions.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 9,10, 11

Prerequisite: Average C or above in Drama 1-2 or Industrial Tech (or middle school equivalent) and teacher permission.

Strong interest in the "behind the scenes" working of a theatrical production is a must. Some experience in building/construction is good, but not necessary. Honors credit is available for this course.

HONORS ADVANCED STAGECRAFT (YEAR 3 & 4)

Advanced Stagecraft 1 focuses on providing students with an advanced understanding of technical theater, set design and construction, the safe use of tools, theatrical rigging systems, and other theatrical equipment. Students enrolled in this course will read and technically analyze play/musical productions and take leadership roles in the technical dimension of school productions which include designing and building sets, operating theatrical rigging, designing, and leading the light, sound properties, makeup and costume crews, and stage management. They will also assist the technical director during school productions while maintaining focus on safety in all operations and procedures. Students must critique the production process and complete other projects related to technical theater in and outside of the classroom. Students are required to attend and critique all school play and musical productions. This course may be taken more than one time for credit.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 9,10, 11

Prerequisite: Average B or above in Stagecraft 1-2 and teacher permission.

ACT TEST PREP

This course is designed for college-bound students to help prepare them for 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.

May be audited with permission.

Credit: 1 per semester Duration: 1 semester

Grade Level: 11

HONORS ACADEMIC DECATHLON

The United States Academic Decathlon emphasizes the personal and academic growth of each student who, by meeting the challenges with honesty and integrity, can reap the rewards of greater self-knowledge and self-confidence. The ten-event academic program strives to foster a greater respect for knowledge, to promote wholesome inter-school academic competition, and to further develop student communication skills.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 9, 10, 11

ACADEMIC LANGUAGE STUDY EL 1-2

This year-long course is designed to boost academic language development of Long-Term English Learners (LTELs). This course will focus on teaching high-leverage academic language, including vocabulary, syntax, and complex grammatical structures. Through the coursework, LTELs will engage in academic conversations and peer collaboration while reading authentic, increasingly complex information and literacy texts that are relevant to students' lives. The course curriculum will also aim to develop LTELs' academic writing skills to successfully write summaries, opinions, informative texts, and research papers. The course will provide LTELs with opportunities to make regular connections between coursework and the demands of college and the workplace.

Credit: 1 per semester *Duration: 2 semesters*

Grade Level: 9,10, 11

ESL 1-2

This course is intended for beginning proficiency level English learners (typically a first-year English learners with formal educational experiences). It is worth 2 credits due to double seat time. It focuses on increasing ELs' academic English skills in the areas of speaking, listening, reading, and writing to an early-intermediate level as measured by the ELP Achievement Level Descriptors. The language and literacy integrated curriculum provide students with a balanced approach to learning English through applying comprehension skills to study authentic literature, informational texts, foundational literacy skills, academic vocabulary development, and academic writing with contextualized grammar. Special attention will be given to develop ELs' oral language through integration of academic conversations. The curriculum for ESL classes is aligned to the English Language Proficiency standards and is in support of academic language development required for the core content-area standards' mastery.

Credit: 1 per semester *Duration: 2 semesters*

Grade Level: 9,10, 11

ESL 3-4

This course is intended for intermediate proficiency level English learners (typically a second-year English learners with formal educational experiences). It is worth 2 credits due to double seat time. The focus of the course will be to increase ELs' academic English skills in the areas of speaking, listening, reading, and writing to an intermediate level as measured by the ELP Achievement Level Descriptors. The language and literacy integrated curriculum will focus on strengthening comprehension and interaction with complex text through utilization of high-yield comprehension strategies, academic conversations, academic vocabulary and writing and grammar skills required to produce academic writing. The curriculum for ESL classes is aligned to the English Language Proficiency standards and is in support of academic language development required for the core content-area standards' mastery.

Credit: 1 per semester *Duration: 2 semesters*

Grade Level: 9,10, 11

ESL READING 3-4

This is the first semester of a year-long course. This course is designed for intermediate proficiency level ELs. The focus of the course is to improve ELs academic language development in the areas of speaking, listening, reading, and writing to an intermediate level as measured by the ELP Achievement Level Descriptors. Emphasis is on strengthening comprehension skills through experience with texts that systematically increase in scope and complexity. Students will have frequent opportunities for academic conversations and writing about relevant content that supports growth toward mastery of grade level content. Successful completion of learning goals from ESL 1-2 course or demonstration of equivalent skills is required for registration in this course.

Credit: 1 per semester *Duration: 2 semesters*

Grade Level: 9,10, 11

ESL SOCIAL STUDIES FOUNDATIONS 1-2

This ESL course is intended for beginning proficiency level English learners (typically a first-year English learners with formal educational experiences) and supports literacy and English language acquisition. This course explores the life of our country during the time period between Independence to 1900. Instruction is organized around the themes of geography, history, economics, and civics. Students investigate the key people, events, and ideas of the United States through primary and secondary sources, multiple perspectives, and the inquiry process. The curriculum for ESL classes is aligned to the English Language Proficiency standards and is in support of academic language development required for mastery of HS US History course standards and curriculum.

Credit: 1 per semester *Duration: 2 semesters*

Grade Level: 9,10, 11

ESL 5-6

This co-requisite course is intended for intermediate proficiency level English learners, who are also enrolled in English 1-2 ELL course. The focus of the course will be to increase ELs' academic English skills in the areas of speaking, listening, reading, and writing to an advanced level as measured by the ELP Achievement Level Descriptors. The language and literacy integrated curriculum will focus on strengthening comprehension and interaction with complex text through utilization of high-yield comprehension strategies, academic conversations, academic vocabulary and writing and grammar skills required to produce academic writing. The curriculum for this course is aligned to the English Language Proficiency standards and is in support of academic language development required for English 1-2 course.

Credit: 1 per semester *Duration: 2 semesters*

Grade Level: 9,10, 11

FOUNDATION OF HEALTH CARE

Introduction to Health Science is designed to give an overview of the therapeutic, diagnostic, support services, biotechnology & research, and health informatics pathways. The course focuses on health careers, exploration, leadership development, medical terminology, ethical and legal responsibilities, the history of health care and the economics of health care.

Credit: 1 per semester *Duration: 1 semester*

Grade Level: 10, LEVEL 1



INTRODUCTION TO MEDICAL TERMINOLOGY

This course is designed to help students learn medical language by analyzing their components. The primary focus is on developing both oral and written skills in the language used to communicate within health care professions.

Credit: 1 per semester *Duration: 1 semester*

Grade Level: 10, LEVEL 1



SPORTS NUTRITION

This course focuses on general nutrition, healthy lifestyles, diet choices, and optimal athletic performance.

Credit: 1 per semester *Duration: 1 semester*

Grade Level: 9, 10, 11

SPORTS MEDICINE 1-2

This course is designed for students who may be interested in a career in Sports Medicine. This course should feature the prevention, recognition, treatment, and rehabilitation of activities caused by physical activity or athletics. Topics may include taping and bandaging, proper use of protective padding, treatment modalities, anatomy and physiology, medical terminology. Students may learn to measure cardiorespiratory endurance, flexibility, body composition, and blood pressure. CPR/AED certification is a prerequisite for this course or a required outcome of the course.

Credit: 1 per semester *Duration: 2 semesters*

Grade Level: 11, LEVEL 2



HEALTH INFORMATION TECHNOLOGY

This course introduces electronic health information systems, designs, implementation, and application. Students gain knowledge and skills in techniques for managing and maintaining electronic health data and compilation, analysis, of healthcare statistics, research protocols and techniques. Topics include imaging technology, information security and integrity, data dictionaries, basic statistical principles, databases, registries, descriptive statistics, research protocol monitoring, including data collection and analysis, data sources/sets, archival systems, and quality and integrity of healthcare data.

Credit: 1 per semester *Duration: 1 semester*

Grade Level: 11, LEVEL 2



PATIENT CARE

In this course students learn the legal and ethical principles needed to function within the scope of practice in healthcare. Emphasis is placed on the synthesis of information gathered through health history, observation, and the detection of deviations and variations from normal physical characteristics. Students will apply skills to assist individuals in meeting basic human needs. Students learn interventions to implement to follow an assistant plan of care. Students will understand the importance of collection of patient's vital signs including temperature, pulse rate, respiration rate, and blood pressure. Additionally, students will learn observation techniques regarding patients' physical, mental, and emotional conditions and procedures to document change.

Credit: 1 per semester *Duration: 1 semester*

Grade Level: 11, LEVEL 2



LIFESPAN DEVELOPMENT

This course explores the physical, emotional, social, and intellectual development of individuals across the lifespan. External impacts on development including family structure and practices, social and technological forces, and resources available to individuals and their outcomes will be explored. Classroom, laboratory, and educational leadership activities are supplemented through Educators Rising.

Credit: 1 per semester *Duration: 1 semester*

Grade Level: 10, LEVEL 1



PRINCIPLES OF EDUCATION AND TRAINING

This course is designed to introduce students to career opportunities and related skills in the Education and Training career field, including teaching and professional educational training. Students will explore topics related to the foundation and history of education, the philosophy of education, roles of educators, instructional and assessment methods, diversity of cultures and communities related to educational settings, learner development, and professional development. Classroom, laboratory, and educational leadership activities are supplemented through Nebraska Educators Rising, a career and technical student organization.

Credit: 1 per semester *Duration: 1 semester*

Grade Level: 10, LEVEL 1



BEST PRACTICES IN EDUCATION 1-2

This course is a continuation of the Introduction to Education and Training course and is the second course in a three-course sequence. Students will further engage in topics related to instructional and assessment methods, including differentiation of instruction. Students will also develop active listening skills necessary for educators and demonstrate positive feedback techniques. Students will gain skills related to planning for instruction, which will be utilized in the field experience (the third course in this sequence). Classroom, laboratory, and educational leadership activities are supplemented through Nebraska Educators Rising, a career and technical student organization.

Credit: 1 per semester *Duration: 2 semesters*

Grade Level: 11, LEVEL 2

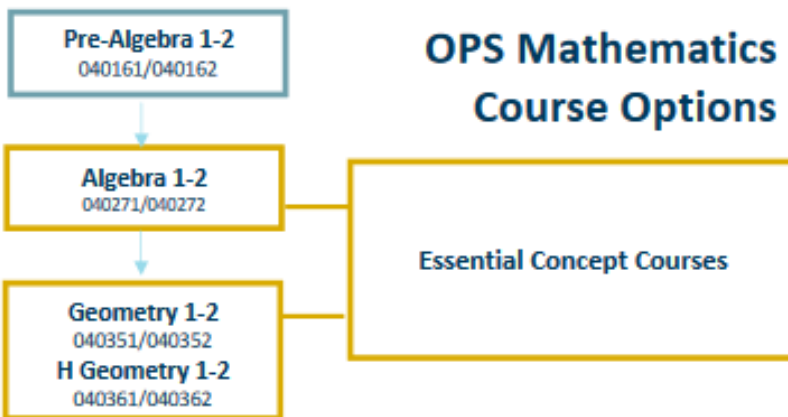
Prerequisites: Lifespan Development and Principles of Education and Training





OPS Mathematics Course Options

See the complete course guide for more detailed descriptions of each course.



After a student completes the **Essential Concept Courses**, they have choice to pursue mathematics based on their own personal needs, goals, and aspirations. Academy and pathway documents may also serve as a resource.

Course choices should be based on students' desire to pursue the future that they imagine for themselves rather than on mathematical ability perceived by anyone else.
(*Catalyzing Change in Mathematics*, 2018)

Course Options available any time after Geometry 1-2
Note: 6 credits of math are required for graduation

Algebra 3-4
040291/040292
H Algebra 3-4
040301/040302

Data and Statistics 1-2
049601/049602

MCC Business Math 1220 1-2
049501/049502
MCC Technical Math 1240 1-2
049511/049512
not NCAA eligible

Course Options available any time after Algebra 3-4
Note: 4-year colleges and universities prefer students complete one course beyond Algebra 3-4

H PreCalc/Trig 1-2
040411/040412

AP Statistics 1-2
040841/040842

College Algebra 1-2
049701/049702

Course Options available after H PreCalc/Trig 1-2
Note: AP courses have college credit bearing options through dual enrollment and/or credit by examination

AP Calculus AB 1-2
040451/040452

AP Calculus BC 1-2
040461/040462

AP Statistics 1-2
040841/040842

H Calculus 3/H Diff Equations
040471/040541

For Honors and AP Courses: Students develop cognitively, socially, and emotionally along different time and interest continuums. For students who are willing and academically interested in advanced coursework, but do not meet the course prerequisites, an exception can be requested through a conversation involving building staff, parents/guardians, and the student.

PRE-ALBEGRA 1-2

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

Credit: 1 per semester Duration: 2 semesters

Grade Level: 9,10

ALGEGRA 1-2

This course is a first-year algebra survey. It covers traditional algebra topics including a study of the four basic operations dealing with signed numbers and polynomials, solution of first- and second-degree equations, verbal problems, systems of linear equations, graphing and writing linear equations and inequalities, and simplifying exponential expressions.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 9,10

ALGEBRA 3-4

This course covers the topics of a traditional second-year algebra course. Content includes solving polynomial equations as well as linear, absolute value, and quadratic equations and inequalities, and working with exponents and logarithms, complex numbers, systems of equations and inequalities, and simple probability. Appropriate technology will be used to assist in instruction and learning.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 9,10

HONORS ALGEBRA 3-4

This is the honors section of Algebra 3-4. As such the topics and concepts will be covered in more depth, and additional content is present as well. This course covers the topics of a traditional second-year algebra course. Content includes solving polynomial equations as well as linear, absolute value, and quadratic equations and inequalities, and working with exponents and logarithms, complex numbers, systems of equations and inequalities, matrix algebra and matrix solutions to systems of equations, series and sequences, and compound probability. Appropriate technology will be used to assist in instruction and learning.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 9,10, 11

GEOMETRY 1-2

This course is a complete study of geometry. Topics include congruence and similarity of figures, parallelism and perpendicularity, right triangle relationships, formal and informal proof, coordinate geometry, properties of polygons and circles, and perimeter, area, and volume of two- and three-dimensional figures.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 9,10

HONORS GEOMETRY 1-2

This course is the honors section of Geometry 1-2. Topics include congruence and similarity of figures, parallelism and perpendicularity, right triangle relationships, formal and informal proof, coordinate geometry, properties of polygons and circles, and perimeter, area, and volume of two- and three-dimensional figures. As an honors class, each topic will be covered in greater depth and with enrichment. This course is the first semester of Honors Geometry 1-2.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 9,10

AP STATISTICS 1-2

This is a course in statistics that covers the topics in the syllabus published by the College Board. College credit and placement depend on the individual college. This statistics class will introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: Exploring Data, planning a Study, Anticipating Patterns, and Statistical Inference. This course is equivalent to a one-semester, introductory, non-calculus-based college course in statistics. This is the first semester of a year-long course. Students who select NOT to participate in the AP exam are expected to take a cumulative, AP comparable, teacher-graded end of course exam.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 11

DATA & STATISTICS 1-2

This course is designed to equip students with the mathematical, statistical, and computational skills necessary to explore life situations. Students will engage with data and statistics in order to be able to determine correlations, make sound predictions, and develop conclusions.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 10, 11

Prerequisites: Geometry 1-2

HONORS PRECALC/TRIG 1-2

This course is the honors section of Pre-calculus/trigonometry. This course includes topics of mathematics that are necessary for the successful study of calculus. Topics include polar coordinates, right triangle trigonometry, circular functions, logarithms, and graphs of rational and polynomial relations and functions. Students enrolling in this course should have successfully completed both semesters of Honors Algebra 3-4 with proficient and advanced grades.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 10, 11

AP CALCULUS AB 1-2

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 enrolling in this course should have proficient or advanced grades in both semesters of Honors Pre-calculus/Trigonometry 1-2, or teacher recommendation. This is the first semester of a year-long course. Students who select NOT to participate in the AP exam are expected to take a cumulative, AP comparable, teacher-graded end of course exam.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 11

AP CALCULUS BC 1-2

This course follows the College Board's Advanced Placement syllabus for Calculus BC, which includes functions, graphs, limits, derivatives, integrals, polynomial approximations, and series. Students enrolling in this course should have proficient or advanced grades in both semesters of Honors Pre-calculus/Trigonometry, or teacher recommendation. This is the first semester of a year-long course. Students who select NOT to participate in the AP exam are expected to take a cumulative, AP comparable, teacher-graded end of course exam.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 11

COLLEGE ALGEBRA 1-2

In this course students learn math skills required for further mathematics courses. Topics include: functions and their inverses; polynomial, radical, exponential and rational expressions and equations; graphing functions using transformations. Topics in probability and statistics are also addressed. Prerequisites: Algebra 3-4

Credit: 1 per semester Duration: 2 semesters

Grade Level: 10, 11

Prerequisites: Algebra 3-4

JROTC 1-2 (LEADERSHIP EDUCATION TRAINING, LET1) (HONORS OPTION)

The JROTC program is designed to help develop strong leaders and model citizens. First-year Cadets will be introduced to JROTC Foundations, the mission of the program, and how it helps prepare you for personal success and active citizenship. Personal Growth and Behaviors focuses on your behavioral preferences, interpersonal skills, and strategies to help build your personal success in the classroom, the JROTC program, and your community. Team Building introduces you to the discipline and structure of military drill. Your individual role responding to commands and moving with precision is essential when participating in drill exercises at future competitions or community events. Decision Making introduces you to a process and system for addressing goals and handling conflict, both internal and with others. Health and Fitness looks at stress and its effect on your health. Physical Fitness is one effective strategy for maintaining health and is an essential component of the JROTC program. Service Learning you will learn the features and benefits of service learning for your community, yourself, and your program. This course is also a substitute course for physical education.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 9, 10

JROTC 3-4 (LEADERSHIP EDUCATION TRAINING, LET2) (HONORS OPTION)

The JROTC program is designed to help develop strong leaders and model citizens. As a second-year Cadet you will continue to build on LET I knowledge and skills and find yourself being introduced to new content that will help you develop as a leader in the program, your school, and community. The new knowledge, skills, and abilities you will acquire your second year: Leadership introduces you to the elements, attributes, competencies, and styles that leaders strive to use and develop within teams. You will learn to recognize the importance of leadership in setting goals and improving results. Personal Growth and Behaviors will continue to build on LET 1 competency, while focusing on who you are and what you stand for. You'll work on strengthening communication skills essential in all walks of life. Team Building continues to build on drill and ceremony protocol. In LET 2, you will look at the attributes of a drill leader and the types of drill commands to oversee a team or squad leader. First Aid provides you with an introduction to first aid for emergencies and common injuries. As a leader, you may encounter a situation where first aid knowledge is necessary. Decision Making will expose you to the reality of bullying. You'll learn about the types of bullying and intervention strategies to help deter or prevent violence in schools. Health and Fitness is a necessary element of the JROTC program. All Cadets are required, as they are able, to participate in the Cadet Challenge physical fitness competition. You will look more closely at the elements of good health, including nutrition and what you eat, exercise, and sleep. Your choice to pursue a healthy lifestyle can be contagious to your peers and is the mark of leadership. Service Learning is a required component of the JROTC program. In Leadership Education Training (LET) 2, you will participate in service learning and evaluate its effectiveness. Citizenship and Government will encourage you to evaluate the important aspects of a democratic government and the rights of citizens, as introduced and interpreted in the U.S. Constitution. This course is also a substitute course for physical education.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 10, 11

Prerequisites: JROTC 1-2

JROTC 5-6 (LEADERSHIP EDUCATION TRAINING, LET 3) (HONORS OPTION)

The JROTC program is designed to help develop strong leaders and model citizens. As a third-year Cadet, you will continue to build on LET I and II knowledge and skills and find yourself being introduced to new content that will help you develop your supervisory skills and abilities. The knowledge, skills, and abilities you will acquire this year: Leadership learning experiences provide you with opportunities to supervise others, make leadership decisions, and assess your own management style. You will learn to take on more responsibilities in your battalion by working on project plans and continuous improvement. Personal Growth and Behaviors will help prepare you for necessary decisions about your future education. You'll explore the education requirements of your desired career goals and research how to financially obtain them. You will learn time management strategies, essential skills in all leaders. Team Building continues to build on drill and ceremony protocol. You will analyze the duties of a platoon leader or sergeant and focus on the skills and abilities for executing platoon drills. Decision Making will help expose you to the common stereotypes, relationship conflicts, and

prejudice of our society. You'll explore strategies for neutralizing prejudice in your own relationships and how to develop negotiating strategies to help others resolve conflicts. Health and Fitness will focus on the troubling effects of drugs, tobacco, and alcohol on today's society. You'll identify substance abuse behaviors and its impact on health and learn strategies for responding appropriately to abusers. Service Learning you will move from participating and evaluating service-learning projects to playing a key role in service-learning planning and implementation. Citizenship and Government will look more deeply at the definition of a citizen and your responsibility and role as a contributing member of a strong community.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 11

Prerequisites: JROTC 3-4

BEGINNING MARKSMANSHIP 1-2

Detailed instruction in the art of precision rifle marksmanship and safety under the supervision of instructors certified in the Civilian Marksmanship Program and Safety Certified by U.S. Army Cadet Command. This is instruction in Olympic style marksmanship techniques and competition. Small caliber Air Rifles are used in this instruction. Students must be mature, highly motivated, dedicated, and self-disciplined. Students in this course will be expected to participate as members of the Varsity or Junior Varsity Marksmanship Teams.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 9, 10, 11

Prerequisites: JROTC CADET

INTERMEDIATE MARKSMANSHIP 1-2

This is a continuation of the Beginning Marksmanship Course Detailed instruction in the art of precision rifle marksmanship and safety under the supervision of instructors certified in the Civilian Marksmanship Program and Safety Certified by U.S. Army Cadet Command. This is instruction in Olympic style marksmanship techniques and competition. Small caliber Air Rifles are used in this instruction. Students must be mature, highly motivated, dedicated, and self-disciplined. Students in this course will be expected to participate as members of the Varsity or Junior Varsity Marksmanship Teams.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 10, 11

Prerequisites: BEGINNING MARKSMANSHIP, JROTC CADET

JROTC COLOR GUARD

Cadets will study the history of Color Guard, Honor Guard, Saber Team, and Drill. Cadets will learn how these elements have been used by the military to instill discipline and maintain tradition. Cadets will receive instruction on how to function as a member of a color guard in parades, sports activities, events, and competitions. Cadets will learn the intricacies of regulation drill without and with rifles. Cadets will also learn customs and courtesies of the National Flag. Cadets will become proficient in the use and proper handling of the saber. This course will enable cadets to become knowledgeable leaders in all aspects of color guard, honor guard, saber team, and drill.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 9, 10, 11

MIXED CHORUS

This course is offered to any student who desires a choral experience. It is preparatory for advanced choral participation. The classroom emphasis stresses vocal development in an introduction of basic high school choral literature. Performance opportunities are an extension of the classroom activities. Students are required to participate in all scheduled performances.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 10, 11

JUNIOR CHORUS

This chorus is intended for 9th and 10th grade singers with advanced vocal ability. Basic choral literature that includes sacred and secular music from various musical periods is studied. Regular performance opportunities are included as an extension of the classroom experience. Audition or teacher recommendation is required.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 9, 10

HONORS SHOW CHOIR

This course is the principal Show Choir of each high school and receives both an Honors and PE Credit. These advanced choral ensembles, which vary in size are available by audition to students who are simultaneously enrolled in one of the school's principal choral organizations. One of the primary functions of these groups is to serve as "ambassadors" for the school. Choreographed numbers and frequent performance, often requiring time outside of school, must be a student consideration for enrollment and audition. Students are required to participate in all scheduled performances, including competitions in the spring. Prerequisites: Audition or Permission from Instructor

Credit: 1 per semester Duration: 2 semesters

Grade Level: 9, 10, 11

TREBLE

This course is open to all girls who wish to participate in a choral class of treble voices. Basic vocal concepts are stressed through literature that is appropriate soprano and alto voices. Performance opportunities are included as an extension of the classroom activities. Students are required to participate in all scheduled performances. Audition or teacher recommendation is required.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 9, 10, 11

INTRO TO VOICE

This course is an introduction to solo singing. Basic skills of music theory, including sight-singing and aural skills, combined with the fundamentals of vocal technique will be taught and applied to solo repertoire assigned; along with music history to understand performance practices. A final performance will be available through a class recital. Prerequisites: Audition and/or permission of instructor

Credit: 1 per semester Duration: 2 semesters

Grade Level: 9, 10, 11

HONORS CHAMBER ENSEMBLE

This course is an advanced chamber ensemble for women selected by audition. Treble Ensemble members are simultaneously enrolled in the school's principal choral organizations. Frequent performance must be a student consideration for enrollment. This course is an extension of Courses #190391 and #190392 and is for the serious music student. Advisors guide the students in developing written plans for earning honors credit. (Honors credit option.)

Credit: 1 per semester Duration: 2 semesters

Grade Level: 10, 11

MUSIC - INSTRUMENTAL

CONCERT BAND

This course is considered to be the principal performing band in the high school instrumental music curriculum. Students will rehearse and perform standard band literature designed to strengthen basic musicianship and instrumental technique. Membership is by audition. In the senior high school, the Concert Band also serves as the nucleus for the marching band program as a part of the first semester's activities. Other performances include winter and spring concerts as well as the All-City Music Festival. Prerequisites: None

Credit: 1 per semester Duration: 2 semesters

Grade Level: 9, 10, 11

Prerequisites: None

HONORS CONCERT BAND

This course is considered to be the principal performing band in the high school instrumental music curriculum. Students will rehearse and perform standard band literature designed to strengthen basic musicianship and instrumental technique. Membership is by audition. In the senior high school, the Concert Band also serves as the nucleus for the marching band program as a part of the first semester's activities. Other performances include winter and spring concerts as well as the All-City Music Festival. Additional assignments and performances will be required for Honors credit. Students are required to participate in all scheduled performances.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 9, 10, 11

Prerequisites: None

ORCHESTRA

This course includes the rehearsal and performance of outstanding symphonic literature from the representative periods of music history. This literature provides for the development of both individual and ensemble skills. Performance includes winter and spring concerts as well as the All-City Music Festival. Membership is by audition. High school orchestra members also participate as a pit orchestra for the production of a school's Broadway musical. Students are required to participate in all scheduled performances.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 9, 10, 11

HONORS ORCHESTRA

This course includes the rehearsal and performance of outstanding symphonic literature from the representative periods of music history. This literature provides for the development of both individual and ensemble skills. Performance includes winter and spring concerts as well as the All-City Music Festival. Membership is by audition. High school orchestra members also participate as a pit orchestra for the production of a school's Broadway musical. Additional assignments and performances will be required to earn Honors credit. Students are required to participate in all scheduled performances.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 9, 10, 11

PREP BAND

This course is intended for high school students with previous instrumental experience but have yet to sharpen their skills sufficiently for membership in the concert band. Appropriate band literature including "method" studies that encourage the development of instrumental technique is rehearsed and performed. This course should be used for Prep Band members NOT marching. Students who will march with the marching band should be scheduled into Prep Band Marching 190181.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 9, 10, 11

MUSIC INSTRUMENTAL

JAZZ BAND

This course is a high school instrumental ensemble comprised of advanced instrumental students who are simultaneously enrolled in Concert Band or Orchestra. Various jazz rudiments and improvisation techniques are introduced through a variety of jazz and popular styles of music. Membership is by audition.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 9, 10, 11

HONORS JAZZ BAND

This course is a high school instrumental ensemble comprised of advanced instrumental students who are simultaneously enrolled in Concert Band or Orchestra. Various jazz rudiments and improvisation techniques are introduced through a variety of jazz and popular styles of music. Additional assignments and performances may be required for Honors credit.

Membership is by audition.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 9, 10, 11

HONORS FLAG CORP

This course is considered to be the principal performing corp in the high school instrumental music curriculum. Students will rehearse and perform standard flag corp routines with performance technique. Membership is by audition. In the senior high school, the Honors Flag Corp also serves as an extension of the marching band program during the first semester's activities. Other performances include winter and spring guard. Additional assignments and performances will be required for Honors credit. Students are required to participate in all scheduled performances.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 9, 10, 11

TEAM SPORTS

This course will consist of instruction in rules, strategies, skills and sportsmanship concepts. Activities may include: flag football, soccer, volleyball, basketball, team handball, softball, and floor hockey. A fitness unit will be taught.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 9, 10, 11

LIFETIME SPORTS

This course provides instruction in activities that students may participate in throughout their lives. These may include archery, badminton, bowling, golf, ultimate Frisbee, volleyball, softball, tennis, and fitness development. Aquatics are included where facilities permit.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 9, 10, 11

SPORT OFFICIATING 1-2

This course is designed to offer students the coursework and experience to officiate in a variety of major sports including, but not limited to, basketball, football, volleyball, baseball/softball, and soccer.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 9, 10, 11

LIGHT WEIGHT TRAINING 1-2

This course emphasizes improvement in muscular endurance, strength, and power. Proper lifting techniques are taught through the use of light weights and high repetitions. Healthy living concepts, such as proper nutrition and stress reduction, will be a part of class discussions. A fitness unit will be taught.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 9, 10, 11

WEIGHT TRAINING 1-2

This course provides instruction in proper techniques using free weights and machines, as well as other fitness activities, to improve strength, flexibility, and aerobic capacity.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 9, 10, 11

ADVANCED WEIGHT TRAINING 1-2

This is a second year class that expands instruction in strength, flexibility and aerobic training.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 9, 10, 11

PHYSICAL EDUCATION

PE LEADERSHIP

This co-ed course is ideal for the student athlete who wants to seriously train for high school sports. The course will teach student athletes the proper way to train and the leadership skills which are essential in becoming leaders in the school and out in the community. Physical activities will incorporate balance, neuromuscular coordination, improving basic running technique, various methods of strength training, and flexibility. The goal is to focus on an individual's strengths and weaknesses and to enhance their sport performance and overall athleticism through speed, strength, and movement training. Classroom activities will incorporate nutrition, sport psychology, lessons in leadership, and goal setting. The course will also include a minimum of 8 hours of community service as a component of the class. While this course is recommended for athletes, it is open to all students.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 9, 10, 11

SWIM/AQUATICS 1-2

This course is instruction in American Red Cross aquatics.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 9, 10, 11

ADVANCED SWIM/AQUATICS 1-2

The purpose of this course is to provide lifeguard candidates and lifeguards with the skills and knowledge needed to prevent and respond to aquatic emergencies. Students will learn CPR as well as first aid. Swim skills must be intermediate to advanced.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 10, 11

HUMAN GROWTH AND DEVELOPMENT (HONORS OPTIONS)

This course helps senior high students acquire responsible decision-making skills related to wellness, communication skills, healthy relationships, preventing abuse, chemical usage, sexuality, prenatal care, etc. All senior high school students are required to enroll in one of the Human Growth and Development courses, but a parent/guardian may choose to opt out his/her student.

Credit: 1 per semester Duration: 1 semester

Grade Level: 10

PHYSICAL SCIENCE 1-2

Physical Science engages students in the three dimensions (science practices, disciplinary core ideas, and crosscutting concepts) of learning as identified by the Nebraska College and Career Ready Standards for Science. The topics include forces and interactions, waves and electromagnetic radiation, structure and properties of matter, energy, chemical reactions, space systems, weather and climate, and Earth's systems. This course provides a foundation for other science courses and meets the district requirement for Physical Science.

Credit: 1 per semester *Duration: 2 semesters*

Grade Level: 9, 10

HONORS PHYSICAL SCIENCE 1-2

Honors Physical Science engages students in the three dimensions (science practices, disciplinary core ideas, and crosscutting concepts) of learning as identified by the Nebraska College and Career Ready Standards for Science. The topics include forces and interactions, waves and electromagnetic radiation, structure and properties of matter, energy, chemical reactions, space systems, weather and climate, and Earth's systems. This course provides a foundation for other science courses and meets the district requirement for Physical Science. Students enrolled in honor courses have additional experiences that require a more rigorous program of study.

Credit: 1 per semester *Duration: 2 semesters*

Grade Level: 9, 10

BIOLOGY 1-2

Biology engages students in the three dimensions (science practices, disciplinary core ideas, and crosscutting concepts) of learning as identified by the Nebraska College and Career Ready Standards for Science. The topics include structure and function, interdependent relationships in ecosystems, matter and energy in organisms and ecosystems, heredity: inheritance and variation of traits, Earth systems, history of Earth, and sustainability. This course meets the district requirement for Biology.

Credit: 1 per semester *Duration: 2 semesters*

Grade Level: 9, 10, 11

HONORS BIOLOGY 1-2

Honors Biology 1-2 engages students in the three dimensions (science practices, disciplinary core ideas, and crosscutting concepts) of learning as identified by the Nebraska College and Career Ready Standards for Science. The topics include structure and function, interdependent relationships in ecosystems, matter and energy in organisms and ecosystems, heredity: inheritance and variation of traits, Earth systems, history of Earth, and sustainability. This course meets the district requirement for Biology. Students enrolled in honors courses have additional experiences that require a more rigorous program of study.

Credit: 1 per semester *Duration: 2 semesters*

Grade Level: 9, 10, 11

AP BIOLOGY

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. Prerequisites: Physical Science 1-2, Biology 1-2, with no grade less than a "C" and teacher recommendation. Students who select NOT to participate in the AP exam are expected to take a cumulative, AP comparable, teacher-graded end of course exam.

Credit: 1 per semester *Duration: 2 semesters*

Grade Level: 10, 11, 12

CHEMISTRY 1-2

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. 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.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 10, 11

HONORS CHEMISTRY 1-2

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. Students enrolled in honors courses have additional experiences that require a more rigorous program of study. 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.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 10, 11

AP CHEMISTRY 1-2

AP Chemistry provides students with a college-level foundation to support future advanced course work in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore topics such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. Advanced educational credit may be available for students who successfully pass the AP Exam. Prerequisites: Physical Science 1-2, Biology 1-2, Chemistry 1-2, and Algebra 1-2 with no grade less than a "C." Completion of, or concurrent enrollment in, Algebra 3-4 is recommended. Students who select NOT to participate in the AP exam are expected to take a cumulative, AP comparable, teacher-graded end of course exam.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 10, 11

PHYSICS 1-2

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. 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.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 11

HONORS PHYSICS 1-2

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. 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.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 11

AP PHYSICS

Advanced Placement Physics 1 is a year-long course that is the equivalent to a first semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; and mechanical waves and sound. It will also introduce electric circuits. Prerequisites: successful completion of Physical Science 1-2, Algebra 1-2, and Geometry 1-2 (or concurrent enrollment in Geometry 1-2). Concurrent enrollment in, or previous completion of, Biology is recommended as Biology is high school graduation requirement. Students who select NOT to participate in the AP exam are expected to take a cumulative, AP comparable, teacher-graded end of course exam.

Credit: 1 per semester *Duration: 2 semesters*

Grade Level: 11

ENVIRONMENTAL SCIENCE 1-2

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. This is a one-semester course.

Credit: 1 per semester *Duration: 2 semesters*

Grade Level: 10, LEVEL 1

Prerequisites: Physical Science 1-2 and Biology 1-2.



ENVIRONMENTAL WATER TECHNOLOGY 1-2

This course will develop student proficiencies in the areas of hydrology, safety skills and procedures, geological principles of water resources, management of wetlands, storm water systems, environmental water resources, equipment and facility maintenance, scientific and research concepts; principles of leadership; employability, and human relations skills.

Laboratory-based activities are an integral part of this course. These include the safe use and application of appropriate technology, scientific testing, and observation equipment. Prerequisites: Successful Completion of Environmental Science

Credit: 1 per semester *Duration: 2 semesters*

Grade Level: 11, LEVEL 2



AP ENVIRONMENTAL SCIENCES

AP Environmental Science provides students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary; it embraces a wide variety of topics from different areas of study. Yet there are several major unifying constructs, or themes, that cut across the many topics included in the study of environmental science. This course is aligned with a dual enrollment opportunity for eligible students. Prerequisites: Physical Science 1-2 and Biology 1-2. Honors Chemistry is highly recommended. Students who select NOT to participate in the AP exam are expected to take a cumulative, AP comparable, teacher-graded end of course exam.

Credit: 1 per semester *Duration: 2 semesters*

Grade Level: 11

ANATOMY AND PHYSIOLOGY 1-2

Anatomy and Physiology 1-2 enables students to understand the principles and structures of the human body. Students develop an understanding of the structure and function of complex human organ systems through inquiry-based laboratory experiences using up-to-date technology. This course will explore scientific and technological advances in the field of anatomy. Students will also explore career opportunities in medical and related fields. The study and application of vocabulary and terminology is an essential part of this course. Students will incorporate writing and literacy strategies into summative projects. Laboratory dissections are required. Prerequisites: Physical Science 1-2 and Biology 1-2.

Credit: 1 per semester

Duration: 2 semesters

Grade Level: 11, LEVEL 2

**HONORS ANATOMY AND PHYSIOLOGY**

Anatomy and Physiology 1-2 enables students to understand the principles and structures of the human body. Students develop an understanding of the structure and function of complex human organ systems through inquiry-based laboratory experiences using up-to-date technology. This course will explore scientific and technological advances in the field of anatomy. Students will also explore career opportunities in medical and related fields. The study and application of vocabulary and terminology is an essential part of this course. Students will incorporate writing and literacy strategies into summative projects. Laboratory dissections are required. Students enrolled in honors courses have additional experiences that require a more rigorous program of study. Prerequisites: Physical Science 1-2 and Biology 1-2.

Credit: 1 per semester

Duration: 2 semesters

Grade Level: 11

SKILLED AND TECHNICAL SCIENCES

CIVIL DESIGN ENGINEERING 1-2

Civil Design Engineering 1-2 is a foundational course in the Civil Engineering Pathway for students interested in a variety of engineering and design professions. Upon completion of this course, students will build foundational skills in freehand sketching, fundamental technical drawing, and related measurement and math. Proficient students will be able to use computer aided design (CAD) software to create multi-view, sectional view, auxiliary view, and three-dimensional drawings using industry standard dimensioning and notation.

Credit: 1 per semester *Duration: 2 semesters*

Grade Level: 10, LEVEL 1



CIVIL DESIGN ENGINEERING 3-4

Civil Design Engineering 3-4 is the second course in the Civil Engineering Pathway. Students in this course build their skills in developing computer skills that civil engineers use in daily basis such as formulated calculations, data analysis and reporting using spreadsheets, computer aided design (CAD) of civil structures and similar professional software, use of Geographic Information Systems (GIS) for mapping of transportation and water resources systems.

Credit: 1 per semester *Duration: 2 semesters*

Grade Level: 11, LEVEL 2

Prerequisites: Successful completion of CIVIL DESIGN ENG 1-2



CLEAN ENERGY 1-2

This course exposes students to three sources of renewable energy: wind, solar and biofuels. Working with solar, thermal, chemical, and mechanical sources of clean energy teaches students how to apply physics, geography, chemistry, biology, geometry, algebra, and engineering fundamentals. Students learn the most efficient and appropriate use of energy production as they explore the relevant relationship among work, power, and energy. Students will engage in a wide variety of hands-on projects and lab activities that both test their knowledge and illustrate the interrelationships between the various forms of clean energy.

Credit: 1 per semester *Duration: 2 semesters*

Grade Level: 10, LEVEL 1



CLEAN ENERGY 3-4

This course builds on the foundation of Clean Energy 1-2 and introduces nuclear power, steam generation, fuel cells, geothermal power, waterpower, AC/DC power generation, heat transfer and the laws of thermodynamics. In addition, students now use chemical and thermal energy principles to create, store and use energy efficiently to power a variety of mechanical and electrical devices. Students will engage in a variety of hands-on design projects to demonstrate principles using advanced technology hardware and software.

Credit: 1 per semester *Duration: 2 semesters*

Grade Level: 11, LEVEL 2

Prerequisites: Successful completion of CLEAN ENERGY 1-2



US HISTORY 1-2

United States History 1-2 explores United States history from the Progressive Era to present day. Students address the social, economic, and political development of the nation and relate it to both past and present. Instruction is organized around the themes of geography, history, economics, cultures, and the elements of citizenship. Students investigate these themes using historical thinking and primary and secondary sources.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 9

HONORS US HISTORY 1-2

United States History 1-2 explores United States history from the Progressive Era to present day. Students address the social, economic, and political development of the nation and relate it to both past and present. Instruction is organized around the themes of geography, history, economics, cultures, and the elements of citizenship. Students investigate these themes using historical thinking and primary and secondary sources. Honors courses have additional opportunities for in-depth course work and application of historical thinking skills.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 9

AP US HISTORY

Advanced Placement United States History focuses on developing students' understanding of American history from approximately 1491 to the present. Students investigate the content of United States history for significant events, individuals, developments, and processes in nine historical periods, and develop and use the same thinking skills and methods (analyzing primary and secondary sources, making historical comparisons, chronological reasoning, and argumentation) employed by historians when they study the past. The course also provides seven themes (American and national identity; migration and settlement; politics and power; work, exchange, and technology; America in the world; geography and the environment; and culture and society) that students explore throughout the course in order to make connections among historical developments in different times and places. Concurrent enrollment in AP English is recommended. Students who select NOT to participate in the AP exam are expected to take a cumulative, AP comparable, teacher-graded end of course exam.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 9, 10, 11

INTRO TO ECONOMICS

Introduction to Economics examines the key concepts of economics through study of various sectors of market systems. Fundamentals, micro, macro, and international economic concepts are presented and studied. Emphasis is given to the role of the citizen in America's market structure. This is a one-semester course.

Credit: 1 per semester Duration: 1 semester

Grade Level: 10

HONORS ECONOMICS

Honors Introduction to Economics examines the key concepts of economics through study of various sectors of market systems. Fundamentals, micro, macro, and international economic concepts are 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 United States today. This course includes extension activities on the Curriculum Based Assessments (CBA's). This is a one-semester course.

Credit: 1 per semester Duration: 1 semester

Grade Level: 10

HUMAN GEOGRAPHY

Human Geography provides an effective method for studying human activities on the Earth's surface. Humans' interactions with one another and the environment are studied and analyzed to provide an understanding of the world in which the students live. The course is divided into four units: Population & Cultural Geography, Urban Geography, Political Geography, and Economic & Environmental Geography. This is a one-semester course.

Credit: 1 per semester Duration: 1 semester

Grade Level: 10

HONORS HUMAN GEOGRAPHY

Human Geography provides an effective method for studying human activities on the Earth's surface. Humans' interactions with one another and the environment are studied and analyzed to provide an understanding of the world in which the students live. The course is divided into four units: Population & Cultural Geography, Urban Geography, Political Geography, and Economic & Environmental Geography. This is a one-semester course.

Credit: 1 per semester Duration: 1 semester

Grade Level: 10

AP HUMAN GEOGRAPHY 1-2

Advanced Placement Human Geography 1-2 introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Topics are defined by the College Board and include geography, population and migration, cultural patterns and processes, political organization of space, agriculture, food production, and rural land use, industrialization and economic development, and cities and urban land use. Students who select NOT to participate in the AP exam are expected to take a cumulative, AP comparable, teacher-graded end of course exam.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 10

MODERN WORLD HISTORY 1-2

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 consequences of each.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 11

AP WORLD HISTORY 1-2

Advanced Placement World History 1-2 is a modern world history course. Students cultivate their understanding of world history from c. 1200 CE to the present through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation. Concurrent enrollment in AP English Language and Composition is highly recommended. Students who select not to participate in the AP exam are expected to take a cumulative, AP comparable, teacher-graded end of course exam.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 11

AP PSYCHOLOGY 1-2

Advanced Placement Psychology is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice. Students who select NOT to participate in the AP exam are expected to take a cumulative, AP comparable, teacher-graded end of course exam.

Credit: 1 per semester *Duration: 2 semesters*

Grade Level: 10, 11

PSYCHOLOGY

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.

Credit: 1 per semester *Duration: 1 semester*

Grade Level: 9, 10, 11

SOCIOLOGY

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

Credit: 1 per semester *Duration: 1 semester*

Grade Level: 9, 10, 11

AFRICAN AMERICAN HISTORY

African American History examines the African American experience, including history, culture, contributions, and contemporary issues. Emphasis is placed on the contributions of African Americans in the development of an industrialized United States, as well as their importance in the historical record. This is a one-semester course.

Credit: 1 per semester *Duration: 1 semester*

Grade Level: 9, 10, 11

LAW AND JUVENILE JUSTICE

Law and Juvenile Justice focuses on the understanding of American society and its system of laws. Effective participation within America's legal structure is highlighted. The course investigates the structure and implementation of criminal law, the criminal justice process, and the identification and analysis of civil law. This is a one-semester course.

Credit: 1 per semester *Duration: 1 semester*

Grade Level: 9, 10, 11

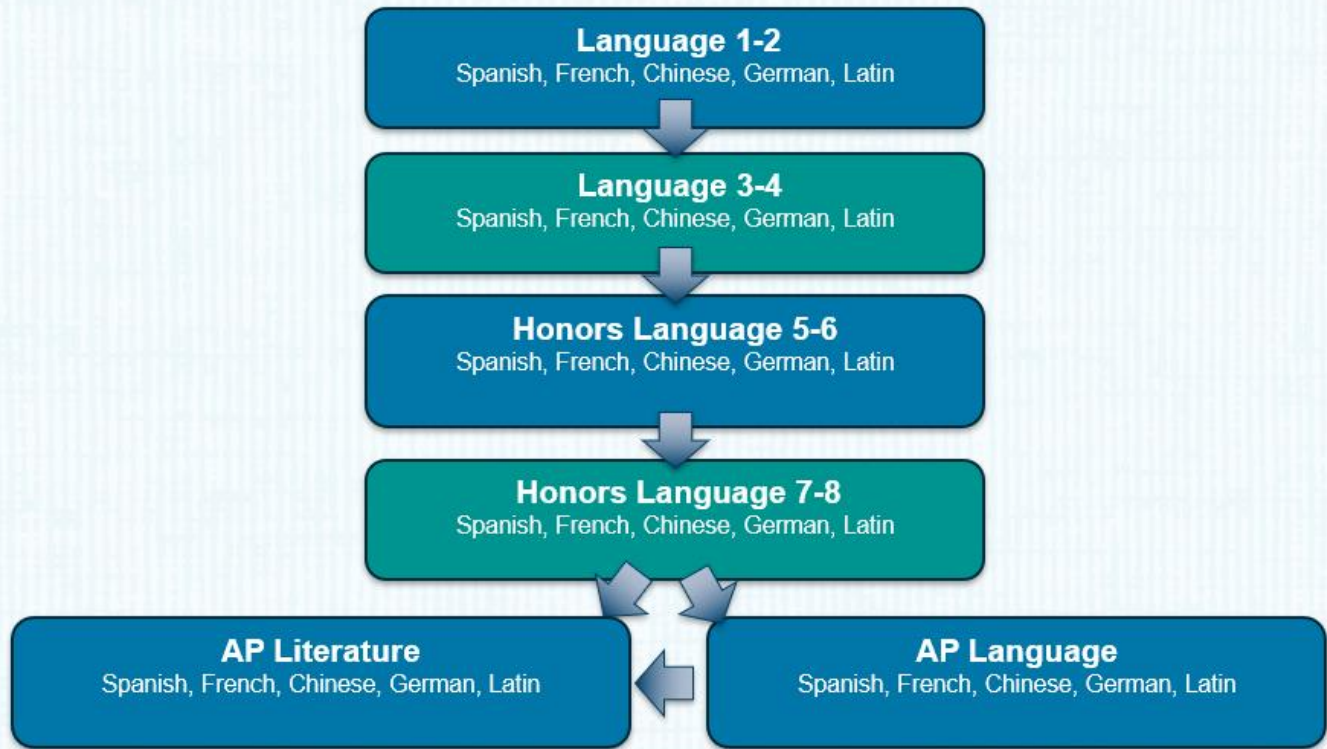
NATIVE AMERICAN CULTURE

Developed from the Native Indian Centered Education program. This course will examine the development of Native American cultural identity through the evaluation of traditional and contemporary aspects of Northern Plains Indigenous life. This course is designed to provide a history and analyze issues facing Native American Nations with a focus on those residing in Nebraska.

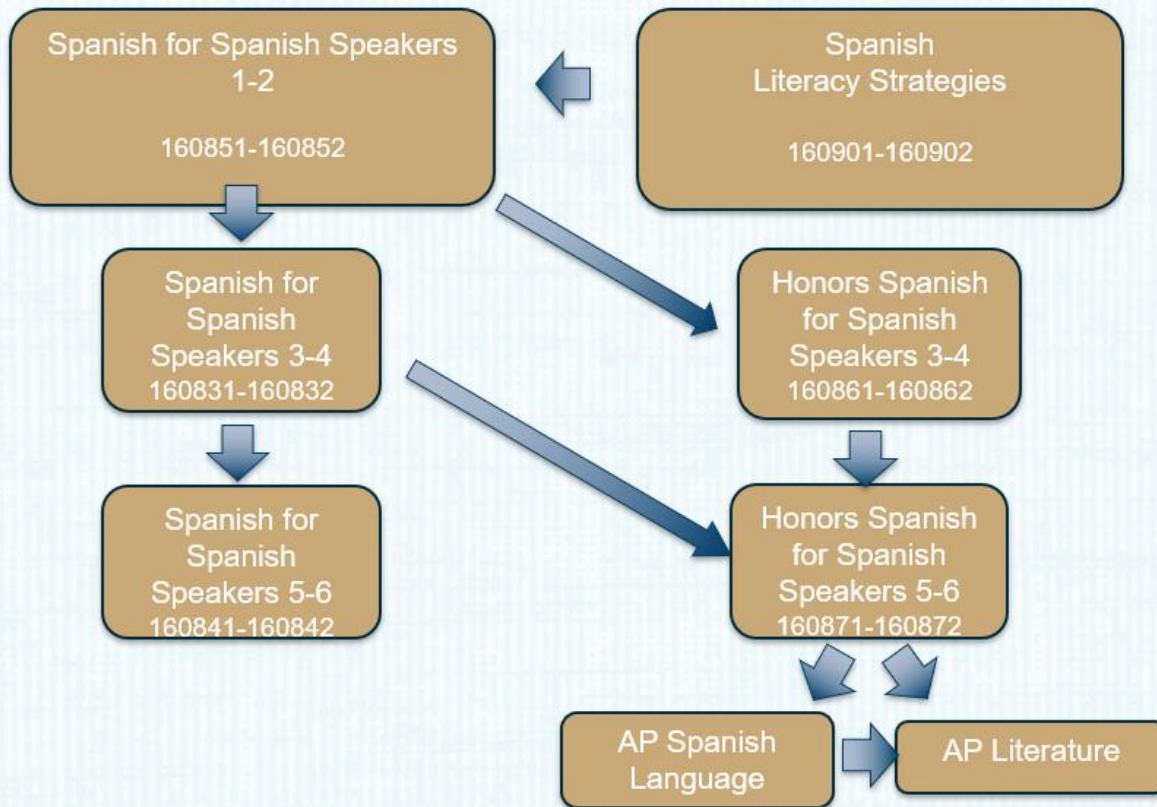
Credit: 1 per semester *Duration: 1 semester*

Grade Level: 9, 10, 11

High School World Languages Course Sequence



High School World Languages Course Sequence



SPANISH 1-2

This course in World Languages at the first-year level stresses interpretive, presentational, and interpersonal communication abilities to develop survival skills in the target language. Students become aware of the personal and economic opportunities that knowing a second language will bring them and how that knowledge will enable them to function better both in the United States and globally. They also begin to develop an awareness and appreciation of the various cultures associated with that language as well as the impact these cultures have made on their own community, country, and world.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 9, 10, 11

SPANISH 3-4

This course in World Languages at the second-year level is a continuation and expansion of the principles and concepts of the first year. During this time, students continue to work extensively with interpretive, presentational, and interpersonal communication skills while also delving more extensively into language structure, reading for information and general composition. Students continue to develop an awareness and appreciation of the various cultures associated with that language as well as the impact these cultures have made on their own community, country, and world.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 9, 10, 11

HONORS SPANISH 5-6

This third-year level World Languages course, designated as Honors classes, emphasizes using the target language, authentic materials, and technology throughout instruction. Students are required to use the language to a greater extent in increasingly complex interpretive, presentational, and interpersonal communication skills. Students will explore a variety of fiction and non-fiction genres in the target language. Students are expected to write coherent paragraphs, short stories, and outlines. Cultural projects are to be carried out in the target language. Students continue to develop an awareness and appreciation of the various cultures associated with that language as well as the impact these cultures have made on their own community, country, and world.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 10, 11

HONORS SPANISH 7-8

This course in World Languages at the fourth-year level will often center around discussions and reports. Students interpretive, presentational, and interpersonal communication skills become more advanced in order to develop the student's ability to produce the language in more complicated forms. Reading will move to comparatively complex forms of authentic materials, readings, and literature. The study of cultures, art, music, poetry, and literature continues to be stressed. Students continue to develop an awareness and appreciation of the various cultures associated with that language as well as the impact these cultures have made on their own community, country, and world.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 10, 11

SPANISH FOR SPANISH SPEAKER 1-2

This course is designed for students who speak Spanish fluently but have difficulty reading and writing the language. Most of these students feel more comfortable reading and writing in English. Students will develop basic Spanish literacy skills along with gaining a deeper knowledge of the culture, history, and literature of the Spanish language. The course is taught in Spanish.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 9, 10, 11

SPANISH FOR SPANISH SPEAKER 3-4

This course is designed for fluent Spanish speakers with above basic Spanish skills in reading and writing. It focuses on honing academic Spanish skills in listening and speaking while continuing to focus on reading and writing skills. Students will gain deeper knowledge of Hispanic cultures, histories, and literature through this class.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 9, 10, 11

FRENCH 1-2

This course in World Languages at the first-year level stresses interpretive, presentational, and interpersonal communication abilities to develop survival skills in the target language. Students become aware of the personal and economic opportunities that knowing a second language will bring them and how that knowledge will enable them to function better both in the United States and globally. They also begin to develop an awareness and appreciation of the various cultures associated with that language as well as the impact these cultures have made on their own community, country, and world.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 9, 10, 11

FRENCH 3-4

This course in World Languages at the second-year level is a continuation and expansion of the principles and concepts of the first year. During this time, students continue to work extensively with interpretive, presentational, and interpersonal communication skills while also delving more extensively into language structure, reading for information and general composition. Students continue to develop an awareness and appreciation of the various cultures associated with that language as well as the impact these cultures have made on their own community, country, and world.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 9, 10, 11

HONORS FRENCH 5-6

This third-year level World Languages course, designated as Honors classes, emphasizes using the target language, authentic materials, and technology throughout instruction. Students are required to use the language to a greater extent in increasingly complex interpretive, presentational, and interpersonal communication skills. Students will explore a variety of fiction and non-fiction genres in the target language. Students are expected to write coherent paragraphs, short stories, and outlines. Cultural projects are to be carried out in the target language. Students continue to develop an awareness and appreciation of the various cultures associated with that language as well as the impact these cultures have made on their own community, country, and world.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 10, 11

HONORS FRENCH 7-8

This course in World Languages at the fourth-year level will often center around discussions and reports. Students interpretive, presentational, and interpersonal communication skills become more advanced in order to develop the student's ability to produce the language in more complicated forms. Reading will move to comparatively complex forms of authentic materials, readings, and literature. The study of cultures, art, music, poetry, and literature continues to be stressed. Students continue to develop an awareness and appreciation of the various cultures associated with that language as well as the impact these cultures have made on their own community, country, and world.

Credit: 1 per semester Duration: 2 semesters

Grade Level: 10, 11

ONE OPPORTUNITY. LIMITLESS POSSIBILITIES.

If you want to compete in NCAA sports, you need to register with the NCAA Eligibility Center at eligibilitycenter.org. Plan to register before your freshman year of high school (or year nine of secondary school). Visit on.ncaa.com/RegChecklist to help guide you through the registration process.

ACADEMIC REQUIREMENTS

To study and compete at a Division I or II school, you must earn 16 NCAA-approved **core-course credits**, earn a corresponding test score* that matches your **core-course GPA** and submit your final transcript with proof of graduation to the Eligibility Center.

CORE-COURSE REQUIREMENTS

DIVISION I

Earn 16 NCAA-approved core-course credits in the following areas:



For Division I, 10 of your 16 NCAA-approved core-course credits must be completed before the start of your seventh semester, including seven in English, math or science.

DIVISION II

Earn 16 NCAA-approved core-course credits in the following areas:



GRADE-POINT AVERAGE

The Eligibility Center calculates your **core-course GPA** based on the grades you earn in NCAA-approved core courses.

- » Division I requires a minimum 2.3 core-course GPA.
- » Division II requires a minimum 2.2 core-course GPA.

DIVISION III

While **Division III schools** set their own admissions and academic requirements, **international student-athletes** (first-year enrollees and transfers) who initially enroll full time at a Division III school on or after Aug. 1, 2023, are required to complete an **Amateurism-Only Certification account**. Contact the Division III school you plan to attend for more information about its academic requirements.

*More information regarding the impact of COVID-19 and test scores can be found at on.ncaa.com/COVID19_Spring2023.

NCAA

GRADE 9 REGISTER

- » *Start planning now!* Register for a free Profile Page account at eligibilitycenter.org for information on NCAA initial-eligibility requirements.
- » Find your high school's list of NCAA-approved core courses at eligibilitycenter.org/courselist to ensure you are taking the right courses, and earn the best grades possible!

GRADE 10 PLAN

- » If you are being actively recruited by an NCAA school and have a Profile Page account, [transition](#) it to the right [Certification account](#).
- » Monitor the [task list](#) in your NCAA Eligibility Center account for next steps.
- » At the end of the school year, ask your high school counselor from each school you have attended to upload an official transcript to your Eligibility Center account.
- » If you fall behind academically, ask your high school counselor for help finding [approved courses](#) you can take.

GRADE 11 STUDY

- » Ensure your [sports participation](#) information is correct in your Eligibility Center account.
- » Check with your high school counselor to make sure you are on track to complete the required number of NCAA-approved [core courses](#) and graduate on time with your class.
- » Take the [SAT/ACT](#) and submit your scores to the Eligibility Center using code **9999**.*
- » At the end of the school year, ask your high school counselor from each school you have attended to upload an official transcript to your Eligibility Center account.

GRADE 12 GRADUATE

- » [Request your final amateurism certification](#) beginning April 1 (fall enrollees) or Oct. 1 (winter/spring enrollees) in your Eligibility Center account at eligibilitycenter.org.
- » Take the [SAT/ACT](#) again, if necessary, and submit your scores to the Eligibility Center using code **9999**.*
- » Complete your final NCAA-approved [core courses](#) as you prepare for graduation.
- » After you graduate, ask your high school counselor to upload your final [official transcript](#) with proof of graduation to your Eligibility Center account.

*More information regarding the impact of COVID-19 and test scores can be found at on.ncaa.com/COVID19_Spring2023.

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

$$4 \times 4 = 16$$

9TH GRADE

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

4 CORE COURSES

10TH GRADE

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

4 CORE COURSES

11TH GRADE

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

4 CORE COURSES

12TH GRADE

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

4 CORE COURSES

CONTACT THE NCAA ELIGIBILITY CENTER

U.S. and Canada (except Quebec):
877-262-1492 - Monday-Friday,
9 a.m. to 5 p.m. Eastern time

SEARCH FAQ:

ncaa.org/studentfaq

[@ncaaec](https://twitter.com/ncaaec) [@playcollegesports](https://www.instagram.com/playcollegesports) [@ncaaec](https://www.facebook.com/ncaaec)

NCAA DIVISION 1

DIVISION I ACADEMIC REQUIREMENTS

To study and compete at a [Division I school](#), you must earn 16 NCAA-approved [core-course credits](#), earn a corresponding test score* that matches your [core-course GPA](#) and submit your final transcript with proof of graduation to the Eligibility Center.

CORE-COURSE REQUIREMENTS

Earn 16 NCAA-approved core-course credits in the following areas:

ENGLISH	MATH (Algebra I or higher)	SCIENCE (including one year of lab, if offered)	ADDITIONAL (English, math or science)	SOCIAL SCIENCE	ADDITIONAL COURSES (Any area listed to the left, world language or non-doctrinal religion/philosophy)
4 years	3 years	2 years	1 year	2 years	4 years

For Division I, 10 of your 16 NCAA-approved core-course credits must be completed before the start of your seventh semester, including seven in English, math or science.

QUALIFIER

As a Division I qualifier, you may practice, compete and receive an athletics scholarship during your first year of full-time enrollment at an NCAA Division I school.

- » Earn 16 NCAA-approved core-course credits in the right areas.
 - Complete 10 of your 16 NCAA-approved core-course credits, including seven in English, math or science, before the start of the seventh semester.
 - Complete your 16 NCAA-approved core-course credits in eight academic semesters or four consecutive academic years from the start of ninth grade.
- » Earn a corresponding test score that matches your [core-course GPA](#) (minimum 2.3) on the [Division I Sliding Scale](#).*
- » Submit your final transcript with proof of graduation to the Eligibility Center.

ACADEMIC REDSHIRT

As a Division I academic redshirt, you may practice during your first regular academic term and receive an athletics scholarship during your first year of full-time enrollment but may NOT compete during your first year of enrollment. You must pass either eight quarter or nine semester hours to practice in the next term.

- » Earn 16 NCAA-approved core-course credits in the right areas.
- » Earn a corresponding test score that matches your core-course GPA (minimum 2.0) on the Division I sliding scale.*
- » Submit your final transcript with proof of graduation to the Eligibility Center.



NCAA DIVISION I

TEST SCORES

Every time you register for the **SAT** or **ACT**, use code **9999** to send your scores directly to the Eligibility Center from the testing agency. 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 subscore from each test is used to give you the best possible score.

* More information regarding the impact of COVID-19 and test scores can be found at on.ncaa.com/COVID19_Spring2023.

CORE-COURSE LIST

Find your high school's list of NCAA-approved core courses at eligibilitycenter.org/courselist. No core-course list means courses taken from that high school will not count for NCAA eligibility. If your high school does not have a list, you risk being ineligible to play in college.

NONTRADITIONAL AND ONLINE COURSES

Nontraditional courses are taught online or through distance learning, hybrid/blended, independent study, individualized instruction, correspondence or similar means.

These types of courses may be acceptable for use in the NCAA initial-eligibility certification process; however, it is important to make sure the nontraditional program has been approved and appears on [your school/program's list of NCAA-approved core courses](#).

BE AHEAD OF THE GAME

- » Plan to register with the NCAA Eligibility Center at eligibilitycenter.org before your freshman year of high school. Visit on.ncaa.com/RegChecklist to help guide you through the registration process.
- » After six semesters of high school, ask your high school counselor from each school you have attended to upload an official transcript to your Eligibility Center account.

ADDITIONAL RESOURCES

- » [DII Academic Requirements flyer](#).
- » [DIII Amateurism flyer](#).
- » [International Initial-Eligibility flyer](#).

DIVISION I QUALIFIER SLIDING SCALE					
Core GPA	SAT*	ACT Sum*	Core GPA	SAT*	ACT Sum*
3.550	400	37	2.750	810	59
3.525	410	38	2.725	820	60
3.500	430	39	2.700	830	61
3.475	440	40	2.675	840	61
3.450	460	41	2.650	850	62
3.425	470	41	2.625	860	63
3.400	490	42	2.600	860	64
3.375	500	42	2.575	870	65
3.350	520	43	2.550	880	66
3.325	530	44	2.525	890	67
3.300	550	44	2.500	900	68
3.275	560	45	2.475	910	69
3.250	580	46	2.450	920	70
3.225	590	46	2.425	930	70
3.200	600	47	2.400	940	71
3.175	620	47	2.375	950	72
3.150	630	48	2.350	960	73
3.125	650	49	2.325	970	74
3.100	660	49	2.300	980	75
3.075	680	50	2.299	990	76
3.050	690	50	2.275	990	76
3.025	710	51	2.250	1000	77
3.000	720	52	2.225	1010	78
2.975	730	52	2.200	1020	79
2.950	740	53	2.175	1030	80
2.925	750	53	2.150	1040	81
2.900	750	54	2.125	1050	82
2.875	760	55	2.100	1060	83
2.850	770	56	2.075	1070	84
2.825	780	56	2.050	1080	85
2.800	790	57	2.025	1090	86
2.775	800	58	2.000	1100	86

ACADEMIC REDSHIRT

Want more information? Visit ncaa.org/playcollegesports.

CONTACT THE NCAA ELIGIBILITY CENTER

U.S. and Canada (except Quebec): 877-262-1492

Monday-Friday, 9 a.m. to 5 p.m. Eastern time

NCAA DIVISION II

DIVISION II ACADEMIC REQUIREMENTS

To study and compete at a **Division II school**, you must earn 16 NCAA-approved **core-course credits**, earn a corresponding test score* that matches your **core-course GPA** and submit your final transcript with proof of graduation to the Eligibility Center.

CORE-COURSE REQUIREMENTS

Earn 16 NCAA-approved core-course credits in the following areas:

ENGLISH	MATH (Algebra I or higher)	SCIENCE (including one year of lab, if offered)	ADDITIONAL (English, math or science)	SOCIAL SCIENCE	ADDITIONAL COURSES (Any area listed to the left, world language or non-doctrinal religion/philosophy)
3 years	2 years	2 years	3 years	2 years	4 years

QUALIFIER

As a Division II qualifier, you may practice, compete and receive an athletics scholarship during your first year of full-time enrollment at an NCAA Division II school.

- » Earn 16 NCAA-approved core-course credits in the right areas.
- » Earn a corresponding test score that matches your **core-course GPA** (minimum 2.2) on the **Division II sliding scale**.*
- » Submit your final transcript with proof of graduation to the Eligibility Center.

PARTIAL QUALIFIER

If you have not met all of the Division II academic standards, you will be deemed a partial qualifier. As a partial qualifier, you may practice and receive an athletics scholarship, but may NOT compete, during your first year of full-time enrollment at an NCAA Division II school.

* More information regarding the impact of COVID-19 and test scores can be found at on.ncaa.com/COVID19_Spring2023.

 DIVISION II
MAKE IT *YOURS*



NCAA DIVISION II

TEST SCORES

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BE AHEAD OF THE GAME

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- » After six semesters of high school, ask your high school counselor from each school you have attended to upload an official transcript to your Eligibility Center account.
- » For more information on Division II, visit ncaa.org/D2.

ADDITIONAL RESOURCES

- » [DI Academic Requirements flyer](#).
- » [DIII Amateurism flyer](#).
- » [International Initial-Eligibility flyer](#).

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

Want more information? Visit ncaa.org/playcollegesports.

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[@ncaaec](#) [@playcollegesports](#) [@ncaaac](#)