



2025-2026  
Course Catalog





Westview High School  
**WOLVERINES**



## Westview Fast Facts

**Mascot** | **Wolverine**

**Colors** | **Orange, Blue, and Black**

**Founded** | **2022**

**Projected Enrollment** | **1,600**  
**Fall of 2025**

**AP & Dual Enrollment** | **19 courses**  
**9 courses earning a total of 786 credits for 24-25**

**Part of an Amazing Year 4 | You!**

Westview High School opened in the Fall of 2022 with 9<sup>th</sup> and 10<sup>th</sup> graders as one of two new high schools in the Omaha Public Schools. In the fall of 2024, 12<sup>th</sup> graders were added to complete our school with grades 9-12.

## Westview High School

**15800 Summit Plaza**  
**Bennington, NE 68007**  
**531-299-3040**



[www.ops.org/westview](http://www.ops.org/westview)



[@OPS\\_Westview](https://twitter.com/OPS_Westview)



[ops\\_westview](https://www.instagram.com/ops_westview)



# MISSION AND VISION



## MISSION:

WE STRIVE TO HAVE A STRONG COMMUNITY OF ENGAGED STUDENTS DRIVEN TO LEARN, LEAD, AND SUCCEED. OUR GOAL IS TO SHAPE OUR STUDENTS TO BE LEADERS OF SOCIETY BY PROMOTING COLLABORATION, CONFIDENCE, AND ACADEMIC EXCELLENCE.

## VISION:

TO CREATE A STRONG COMMUNITY OF ENGAGED LEARNING WHERE OUR STUDENTS ARE OUR TOP PRIORITY. OUR STUDENTS AND STAFF INCORPORATE TEAMWORK TO PROMOTE LEADERSHIP AND ACHIEVERS OF SUCCESS.



**Westview Students Are**  
**Respectful**  
**Responsible**  
**On Time**  
**On Task**

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# WELCOME TO WESTVIEW

Omaha Westview is home to the Wolverines where we believe in the academic success of our students. We are a triple A+ school where our staff are driven to see that all students reach their fullest potential in academics, athletics, and activities. We value student engagement, collaboration, and a positive learning environment.

A strong academic culture is built on the support of our parents, community members, and the multiple opportunities and experiences made available to our students. As you review this course guide you will see the opportunities available to our students and we encourage our students to take full advantage of the courses and opportunities provided.

Our mission is to have a strong community of engaged students who are driven to learn, lead, and succeed. Our goal is to shape our students to be leaders in their community. Our vision is to have a strong community of engaged learners, where our students are our top priority. Our students will work together, show respect, and be responsible for their learning.

We are Orange, Blue, and Black and we strive to be the best!

Thomas Lee  
Principal  
Omaha Westview High School



# STAFF CONTACTS

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# STAFF CONTACTS

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If you or someone you know is in need of support, or you would like to report concerns, Safe2Help Nebraska Hotline is available 24/7 at 833-980-7233 or [Safe2HelpNebraska](https://Safe2HelpNebraska.org)

*Omaha Public Schools does not discriminate on the basis of race, color, national origin, religion, sex (including pregnancy), marital status, sexual orientation, disability, age, genetic information, gender identity, gender expression, citizenship status, veteran status, political affiliation or economic status in its programs, activities and employment and provides equal access to the Boy Scouts and other designated youth groups. The following individual has been designated to accept allegations regarding non-discrimination policies: Superintendent of Schools, 3215 Cuming Street, Omaha, NE 68131 (402-557-2001). The following persons have been designated to handle inquiries regarding the non-discrimination policies: Director for the Office of Equity and Diversity, 3215 Cuming St, Omaha, NE 68131 (531-299-0307).*

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

# 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, school 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 NLL 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.
5. If a student has an empty or blank schedule.
6. If there is a missing core or pathway class.
7. If there is a misplaced class (honors or academic).
8. If the class has been previously taken.

Choose Your Pathway Fair	December 12, 2024
Orientation and Selection of Pathway	December 2024
Westview Open House	January 23, 2025, 6:00PM - 8:00 PM
Current 9 <sup>th</sup> - 11 <sup>th</sup> Grade Course Selection	January/February 2025
8 <sup>th</sup> Grade Orientation and Course Selection	February/March 2025
Last day to change any course or pathway selection.	April 25, 2025

# OPS GRADUATION REQUIREMENTS



## Omaha Public Schools Graduation & College Entrance Requirements

OMAHA PUBLIC SCHOOLS GRADUATION REQUIREMENTS	
SUBJECT	CREDITS
<b>ENGLISH</b>	<b>8 CREDITS</b> Grade 9 – English 1 & 2 Grade 10 – English 3 & 4 Grade 11 – English 5 & 6 Grade 12 – English 7 & 8
<b>SOCIAL STUDIES</b>	<b>7 CREDITS</b> Grade 9 – U.S. History 1 & 2 Grade 10 – Human Geography & Intro to Economics Grade 11 – World History 1 & 2 Grade 12 – American Government
<b>MATHEMATICS</b>	<b>6 CREDITS</b> Grade 9 – Math as Recommended Grade 10 – Math as Recommended Grade 11 – Math as Recommended
<b>SCIENCE</b>	<b>** 6 CREDITS</b> Grade 9 – Physical Science 1 & 2 Grade 10 – Biology 1 & 2 Grade 11 – Science Elective
<b>PHYSICAL EDUCATION</b>	<b>4 CREDITS</b>
<b>HUMAN GROWTH &amp; DEVELOPMENT</b>	<b>1 CREDIT</b>
<b>PERSONAL FINANCE</b>	<b>1 CREDIT</b> Grade 12 – Personal Finance
<b>COMPUTER SCIENCE AND TECHNOLOGY</b>	<b>1 CREDIT</b> Not required for 2025 & 2026 Graduating Classes
<b>ELECTIVES</b>	<b>16 CREDITS</b> – 2025 & 2026 Graduating Classes <b>15 CREDITS</b> – 2027 & 2028 Graduating Classes Consider education plans and interests
<b>FAFSA</b>	Complete or opt out of FAFSA
<b>TOTAL CREDITS</b>	<b>49 CREDITS REQUIRED TO GRADUATE</b> For all OPS High Schools

### ON-TRACK TO GRADUATE

Being "on track" means you're on the right path to graduate on time! A student's on-track status is a key indicator in helping students understand if they will graduate on time. You are considered "on track" if you:

- Pass all required courses for your grade level.
- Earn the total number of credits listed in the chart below.

### GRADUATION REQUIREMENTS BY GRADE LEVEL

SUBJECT	Grade 9	Grade 10	Grade 11	Grade 12	Total
English	2	2	2	2	8
Social Studies	2	2	2	1	7
Math	2	2	2	–	6
Science	2	2	2	–	6
Physical Education	–	–	2	2	4
Personal Finance	–	–	–	1	1
Electives	5	4	2	6	17
<b>Total</b>	<b>13</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>49</b>

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

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

### TYPICAL 4-YEAR COLLEGE ENTRANCE REQUIREMENTS

High School Diploma or GED

English Courses

4 years

Social Studies Courses

3 years

Mathematics Courses

3-4 years, generally including Algebra 1-2, Geometry 1-2, and Algebra 3-4

Science Courses

3 years, typically with at least one lab-based

World Language Courses

2-3 years, recommended but sometimes required

Other Requirements

Additional coursework, GPA, Standardized Tests (ACT/SAT), Letters of Recommendation, Extracurricular Activities, and Personal Essays may be required

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

### TYPICAL 2-YEAR COLLEGE/TRADE PROGRAM ENTRANCE REQUIREMENTS

High School Diploma or GED

Other Requirements

Additional coursework, Placement Tests (ACT or other Placement Tests), Program-Specific Requirements

*Community colleges and trade schools often have open enrollment policies, meaning they accept all applicants who meet the basic requirements. These institutions offer more flexible and accessible options for students looking to enter the workforce quickly or explore specific trades without committing to a 4-year degree program. Requirements depend on the institution, so it's essential to check with the specific school you are interested in.*

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



# OPS GRADUATION REQUIREMENTS



## Escuelas Públicas de Omaha Requisitos para graduarse y entrar a la universidad

REQUISITOS DE GRADUACIÓN DE LAS ESCUELAS PÚBLICAS DE OMAHA	
MATERIA	CRÉDITOS
<b>INGLÉS</b>	<b>8 CRÉDITOS</b> Grado 9 – Inglés 1 y 2 Grado 10 – Inglés 3 y 4 Grado 11 – Inglés 5 y 6 Grado 12 – Inglés 7 y 8
<b>ESTUDIOS SOCIALES</b>	<b>7 CRÉDITOS</b> Grado 9 – Historia de EE. UU. 1 y 2 Grado 10 – Geografía Humana e Introducción a Economía Grado 11 – Historia Mundial 1 y 2 Grado 12 – Gobierno Americano
<b>MATEMÁTICAS</b>	<b>6 CRÉDITOS</b> Grado 9 – Matemáticas como se recomienda Grado 10 – Matemáticas como se recomienda Grado 11 – Matemáticas como se recomienda
<b>CIENCIAS</b>	<b>** 6 CRÉDITOS</b> Grado 9 – Ciencia Física 1 y 2 Grado 10 – Biología 1 y 2 Grado 11 – Clase electiva de Ciencias
<b>EDUCACIÓN FÍSICA</b>	<b>4 CRÉDITOS</b>
<b>CRECIMIENTO Y DESARROLLO HUMANO</b>	<b>1 CRÉDITO</b>
<b>FINANZAS PERSONALES</b>	<b>1 CRÉDITO</b> Grado 12 – Finanzas personales
<b>CIENCIAS DE LA COMPUTACIÓN Y TECNOLOGÍA</b>	<b>1 CRÉDITO</b> No es necesario para los estudiantes que se gradúan en el 2025 y 2026
<b>ELECTIVAS</b>	<b>16 CRÉDITOS</b> – estudiantes que se gradúan en el 2025 y 2026 <b>15 CRÉDITOS</b> – estudiantes que se gradúan en el 2027 y 2028 Considere los planes e intereses de educación
<b>FAFSA *</b>	Completar u optar por no participar en FAFSA
<b>CRÉDITOS EN TOTAL</b>	<b>49 CRÉDITOS REQUERIDOS</b> Para todas las escuelas preparatorias de OPS

### EN CAMINO HACIA LA GRADUACIÓN

Estar “en camino” significa que estás en el camino correcto para graduarte a tiempo. El que un estudiante este obteniendo los créditos de acuerdo a lo planeado es un indicador clave para ayudarlos a comprender si se graduarán a tiempo. Se considera que estás “en camino hacia la graduación” si:

- apruebas todos los cursos requeridos para tu grado.
- obtienes la cantidad total de créditos que se indican en la tabla a continuación.

### REQUISITOS DE GRADUACIÓN POR GRADO

MATERIA	9º Grado	10º Grado	11º Grado	12º Grado	Total
Inglés	2	2	2	2	8
Estudios sociales	2	2	2	1	7
Matemáticas	2	2	2	–	6
Ciencia	2	2	2	–	6
Educación física	–	–	2	2	4
Finanzas personales	–	–	–	1	1
Electivas	5	4	2	6	17
<b>Total</b>	<b>13</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>49</b>

**Nota:** Se requieren 49 créditos para graduarse.

**\*\* Para los estudiantes que han completado exitosamente Ciencias Físicas en el 8º grado, su secuencia comenzará con Biología.**

**FAFSA \* (Solicitud Gratuita de Ayuda Federal para Estudiantes) se utiliza para determinar la ayuda financiera para colegios/universidades.**

### REQUISITOS TÍPICOS DE INGRESO A UNA UNIVERSIDAD DE 4 AÑOS

**Diploma de escuela preparatoria o GED**

**Cursos de Inglés**  
4 años

**Cursos de Estudios Sociales**  
3 años

**Cursos de Matemáticas**  
3-4 años, generalmente incluye Álgebra 1-2, Geometría 1-2, y Álgebra 3-4

**Cursos de Ciencias**  
3 años, normalmente con al menos una clase de laboratorio

**Cursos de Idiomas del Mundo**  
2-3 años, recomendado, pero a veces requerido

**Otros requisitos**  
Cursos adicionales, promedio de calificación, Pruebas estandarizadas (ACT/SAT), cartas de recomendación, actividades extracurriculares, y es posible que se requieran ensayos personales

*Los estudiantes y padres/tutores deben investigar los requisitos de cada institución para asegurarse que los estudiantes han seleccionado las clases apropiadas.*

### REQUISITOS TÍPICOS DE INGRESO A UN COLEGIO DE 2 AÑOS/ O A UN PROGRAMA O ESCUELA VOCACIONAL

**Diploma de escuela preparatoria o GED**

**Otros requisitos**

Cursos adicionales, examen del nivel académico (ACT u otros exámenes que demuestren el nivel académico del estudiante), requisitos específicos del programa

*Los colegios comunitarios y las escuelas vocacionales suelen tener políticas de inscripción abierta, lo que significa que aceptan a todos los solicitantes que cumplen con los requisitos básicos. Estas instituciones ofrecen opciones más flexibles y accesibles para los estudiantes que buscan ingresar rápidamente a la fuerza laboral o explorar oficios específicos sin comprometerse con un programa de 4 años. Los requisitos dependen de la institución, por lo que es esencial consultar con la escuela específica en la que estás interesado.*

Las Escuelas Públicas de Omaha se disculpan por cualquier error, omisión, negligencia, uso indebido de confidencialidad, estatus civil, conducta sexual, discriminación, calificación académica, idoneidad del personal, capacidad del personal, calificación de estudiantes, conducta de estudiantes, afiliación política o condición económica en sus programas, actividades y empleo y se comprometen a proporcionar un acceso equitativo a los niños exploradores (Boy Scouts) y otros grupos juveniles. La siguiente persona ha sido designada para aceptar las solicitudes en relación con las políticas de no discriminación: el superintendente de escuelas, 3715 Century Street, Omaha, NE 68131 (531.799.4677). La siguiente persona ha sido designada para manejar las preguntas con respecto a las políticas de no discriminación: el director de la Oficina de Igualdad y Diversidad (equality@ops.org), 3715 Century St, Omaha, NE 68131 (531.799.4331).

# COURSE PLANNER

## Grade 9 Sample Schedule

SUBJECT	SEMESTER 1	SEMESTER 2
ENGLISH	English 1 (H)	English 2 (H)
SOCIAL STUDIES	US History 1 (Honors or AP)	US History 2 (Honors or AP)
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 or English 3 AP Seminar	English 4 or English 4 AP Seminar
SOCIAL STUDIES	Human Geography (H) or AP Human Geography 1	Economics (H), AP Human Geography 2
MATHEMATICS	Recommended level	Recommended level
SCIENCE	Biology 1 (H or AP) Science Elective	Biology 2 (H or AP) Science Elective
PHYSICAL EDUCATION	P.E. / Concert Band / JROTC	P.E. / Concert Band / JROTC
PATHWAY COURSE	Pathway Course	Pathway Course
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 (Honors or AP)	Modern World History 2 (Honors or AP)
MATHEMATICS	Recommended level	Recommended level
SCIENCE	Science Elective	Science Elective
PATHWAY COURSE	Pathway Course	Pathway Course
ELECTIVE	Elective of Choice	Elective of Choice
ELECTIVE	Elective of Choice	Elective of Choice

# COURSE PLANNER

## Grade 12 Sample Schedule

SUBJECT	SEMESTER 1 GRADE 12 SAMPLE SCHEDULE	SEMESTER 2
ENGLISH	English 7 or AP Lit & Comp	English 8 or AP Lit & Comp
SOCIAL STUDIES	American Government (H or AP)	Personal Finance (H)
MATHEMATICS	Optional Math Elective	Optional Math Elective
SCIENCE	Optional Science Elective	Optional Science Elective
PATHWAY COURSE	Pathway Elective or Internship	Pathway Elective or Internship
ELECTIVE	Elective of Choice	Elective of Choice
ELECTIVE	Elective of Choice	Elective of Choice

# ADVANCED ACADEMICS

## ADVANCE 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.

Students who want a rigorous challenge are encouraged to take Advanced Placement Courses. It is not recommended that a student take more than three AP courses per year. Students are expected to take the AP exam in May to have an opportunity to earn college credit and/or advanced standing in college. For specific course descriptions, visit the department offerings.

## AP SCHOLAR

Every fall, the AP Program recognizes high school students who have demonstrated outstanding college-level achievement through their performance on multiple AP Exams. AP Scholar awards come in different levels and types. See the Criteria below:

Award	Criteria
AP Scholar	Granted to students who receive scores of 3 or higher on three or more AP Exams.
AP Scholar with Honor	Granted to students who receive an average score of at least 3.25 on all AP Exams taken, <b>and</b> scores of 3 or higher on four or more of these exams.
AP Scholar with Distinction	Granted to students who receive an average score of at least 3.5 on all AP Exams taken, <b>and</b> scores of 3 or higher on five or more of these exams.

# ADVANCED ACADEMICS



## Dual Enrollment Program

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

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

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

Dual Enrollment is currently offered in Omaha Public Schools 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.** Students and families will fill out the Educational Benefits Form (EBF) each school year to determine if they qualify for FREE dual enrollment tuition through the Access College Early (ACE) scholarship program authorized by the Nebraska State Legislature.

**MCC:** \$50 per course. Tuition and Fees waived for 23-24 school year.

**UNO:** \$250 per course. Tuition and Fees will be paid by Omaha Public Schools for students after Access College Early (ACE) Scholarship has been awarded. Students and families must apply for EBF, apply for ACE, and be denied benefits to access Omaha Public Schools funding support for 23-24 school year.

**Midland University:** \$250 per course. Tuition and Fees will be covered by Omaha Public Schools for students after Access College Early (ACE) Scholarship has been awarded. Students and families must apply for EBF, apply for ACE, and be denied benefits to access Omaha Public Schools funding support for 23-24 school year. \*Tuition and fees are determined by the postsecondary institution.

Omaha Public Schools 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, determined through EBF, 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 and determined by the Educational Benefits Form. 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 ACADEMICS

## Advanced Academic Offerings

### English

English 3-4: AP Seminar  
English Language and Composition  
English Literature and Composition

### Math

Precalculus  
Calculus AB  
Calculus BC  
Statistics

### Science

Biology  
Chemistry  
Environmental Science  
Physics

### Social Studies

Human Geography  
Psychology  
US Government  
US History  
World History

### Elective

Computer Science Principles  
Spanish Language and Culture  
Studio Art 2-D  
Studio Art 3-D

## Dual Enrollment Offerings\*

Accounting

AP Studio Art 2-D

AP Calculus AB & BC

AP Environmental Science

Principles of Education & Training

AP Psychology

AP Statistics

AP US Government

AP World History

\*Based on 2024-2025 staffing, offerings are subject to change based on teacher credentials and schedule

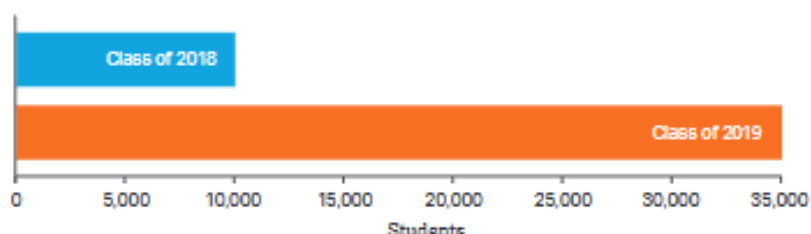
# AP CAPSTONE

## AP Capstone: The Rigor of AP, with a Focus on Academic Skills

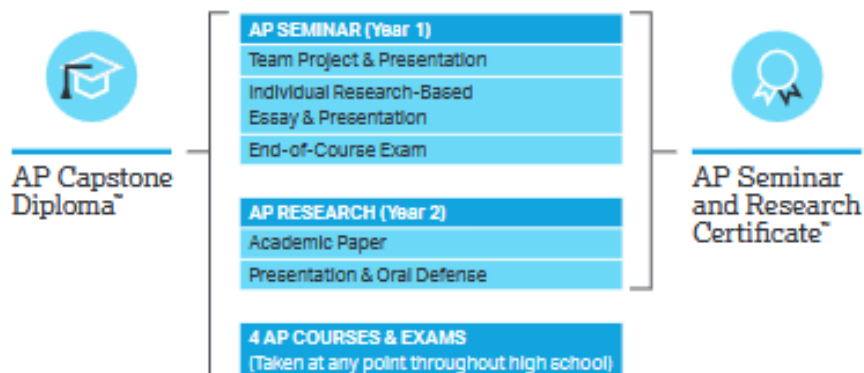
AP Capstone™ is a new diploma program for college-bound students. It's a challenging, college-level program that focuses on critical reasoning, research, collaboration, and communication skills. This fall, AP Capstone Diploma candidates will begin considering your institution in their higher education plans.

### HERE ARE SIX THINGS TO KNOW ABOUT AP CAPSTONE:

- 1 Over 1,000 high schools in the U.S. (1,100 globally) are approved to offer AP Capstone.
- 2 More than 10,000 students in the high school class of 2018 and 35,000 students in the high school class of 2019 will participate in the AP Capstone Diploma program.



- 3 AP Capstone is based on **two sequential college-level courses**—AP Seminar and AP Research—that complement and enhance other, discipline-specific AP courses.
- 4 AP Seminar students **analyze different sources of information** and **create evidence-based arguments**, and are assessed on individual and team presentations and papers.
- 5 AP Research students learn research methods in order to conduct a research project and then **present and defend a 5,000-word academic paper**.
- 6 The **AP Capstone Diploma** is awarded to students who earn scores of 3 or higher on AP Seminar, AP Research, and four additional AP Exams of their own choosing.



Learn more about AP Capstone at [collegeboard.org/apcapstonehed](https://collegeboard.org/apcapstonehed).



# AP CAPSTONE COURSES

Students who earn scores of 3 or higher in AP Seminar and AP Research and on four additional AP Exams of their choice receive the AP Capstone Diploma.

Students who earn scores of 3 or higher in AP Seminar and AP Research, but not on four additional AP Exams receive the AP Seminar and Research Certificate.

## ENGLISH 3-4 AP SEMINAR 010621/2

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*

*Prerequisites: Grade of B or higher in Honors English 1-2, or A in English 1-2, or MAP Reading score at or above a score determined by District English Language Arts Teaching and Learning Consultant, or teacher recommendation; and parent and student signature indicating a full-year commitment.*

## AP SEMINAR 1-2 010801/2

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*

*Prerequisites: Grade of B or higher in Honors English 1-2, or A in English 1-2, or A in English 3-4, or teacher recommendation; and parent and student signature indicating a full-year commitment.*

## AP RESEARCH 010811/2

AP Research is an interdisciplinary course that encourages students to demonstrate critical thinking and academic research skills on a topic of the student's choosing. To accommodate the wide range of student topics, typical college course equivalents include introductory research or general elective courses. Build on what you learned in AP Seminar to deeply explore an academic topic, problem, or issue of individual interest. Through this exploration, you will design, plan, and conduct a year-long research-based investigation to address a research question. All students enrolled in an AP course are required to take either the CollegeBoard AP exam in May or an AP Alternative Assessment that has been approved by the Omaha Public Schools. Both exams are cumulative and cover the content of the AP curriculum.

*Credit: 1 per semester                      Duration: 2 semesters*

*Grade Level: 12*

*Prerequisites: Grade of C or higher in AP Seminar or English 3-4: AP Seminar, or teacher recommendation; and parent and student signature indicating a full-year commitment.*

# 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](http://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](http://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](http://bit.ly/NESealrequirements))

If you have any questions, please contact your World Languages Teacher for more information.



# GENERAL INFORMATION

## HONOR ROLL

Students must have a weighted 3.0 grade point average (GPA) or higher with no failing grades to achieve honor roll. Students must be enrolled in a minimum of 5 credits to be considered for academic honor roll.

- 4.0 and above Wolverine High Honor with Distinction
- 3.5 - 3.99 Wolverine High Honor
- 3.00 - 3.49 Wolverine Honor

## ACADEMIC LETTER

The Academic Letter is a prestigious award for academic excellence at Westview High School. To be eligible for an Academic Letter, a sophomore, junior, or senior must have a weighted GPA of 3.5 for three or more semesters. Eligibility will be determined at the end of third, fifth, and seventh semesters. The word "Academics" is embossed on the "W" that is earned at three semesters. Bars are placed on the letter signifying a second or third letter has been earned.

## NATIONAL HONOR SOCIETY

Membership in the National Honor Society is both an honor and a responsibility bestowed upon a student. The Faculty Council selects students for membership. Students must have a weighted Cumulative GPA of 3.50 or above and demonstrate outstanding qualities in scholarship. Character, leadership, and service. Once selected, members have the responsibility to continue to demonstrate these qualities. New students are inducted at the Westview Chapter Induction Ceremony. Please visit with the sponsors for more details.

## COURSE DROP GUIDELINES

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

Procedures for withdrawing from a course:

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

If it is determined that other faculty need to be included, please use the "Schedule Change/Request to Drop" form. Please see School Counseling for a copy of the OPS Schedule Change/Request to Drop a Course. Use the "Schedule Change/Request to Drop a Course" form as a last resort.



# GENERAL INFORMATION

## 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.

These steps shall be taken promptly to accommodate course selections for the school year in question.

## 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 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.

# GRADING PRACTICES

Every student. Every day. Prepared for success.



## What every student needs to know about grading

### OPS Grading Scale



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

How much time should I spend on homework?



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

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

*Time may vary depending on classes.*

#### Can I redo my work for full credit?

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

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

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

#### Am I allowed to turn in coursework late?

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

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

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

How can I check my grades?



#### Campus Mobile Portal for Parents and Students

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



- Daily Planner**  
View today's schedule and assignments due for each class.
- Assignments**  
Review your assignments by period by specific class or due date.
- Attendance**  
Review attendance reports in summary and detail form.
- Grades**  
Know your grade 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 child's account balance, use the screenshot 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?*

**35%**  
Weight for  
Formative  
Assessment



**65%**  
Weight for  
Summative  
Assessment

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).



*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.

### 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.

*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.





# PORTRAIT OF A GRADUATE



# 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.



# FRESHMAN ACADEMY



## Course Sequence

### 9<sup>th</sup> Grade: Freshman Seminar

- Every student will take Freshman Seminar their 9<sup>th</sup> 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
- 10<sup>th</sup> grade-12<sup>th</sup> 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             | • Mentorships          |
| • Recognition & Intervention | • Site/Field Visits    |
| • Guest Presentations        | • Research Experiences |
| • Project-Based Learning     | • Exploration 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

- 10<sup>th</sup> Grade:** Principles of Business  
Marketing & Management  
(1<sup>st</sup> Semester)  
Entrepreneurship 1 (2<sup>nd</sup> Semester)
- 11<sup>th</sup> Grade:** Management & Leadership 1-2
- 12<sup>th</sup> Grade:** Banking, Investing, & Insurance  
(1<sup>st</sup> Semester)  
Operations Management (2<sup>nd</sup> Semester)  
Or Business Internship

### Entrepreneurship & Virtual Enterprise

- 10<sup>th</sup> Grade:** Principles of Business  
Marketing & Management  
(1<sup>st</sup> Semester)  
Entrepreneurship 1 (2<sup>nd</sup> Semester)
- 11<sup>th</sup> Grade:** Accounting 1-2
- 12<sup>th</sup> Grade:** Virtual Enterprise 1-2 or  
Business Internship

### Marketing

- 10<sup>th</sup> Grade:** Principles of Business  
Marketing & Management  
(1<sup>st</sup> Semester)  
Entrepreneurship 1 (2<sup>nd</sup> Semester)
- 11<sup>th</sup> Grade:** Marketing 1-2
- 12<sup>th</sup> Grade:** Marketing 3-4 or  
Business Internship

### Business Technology

- 10<sup>th</sup> Grade:** Principles of Business  
Marketing & Management  
(1<sup>st</sup> Semester)  
Entrepreneurship 1 (2<sup>nd</sup> Semester)
- 11<sup>th</sup> Grade:** Info Technology Apps 1-2
- 12<sup>th</sup> Grade:** Business Communications 1-2 or  
Business Internship

## 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
- Office Certification
- Creative Problem Solving
- Planning & Organization
- Decision Making
- Time Management

## Experiential Learning

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





# BUSINESS PATHWAYS

## REQUIRED COURSES



## Business Pathways

	REQUIRED PATHWAY COURSES			
<b>Grade 9</b>	Freshman Seminar			
<b>Level 1 Courses</b>	<b>Business Management &amp; Insurance</b>	<b>Entrepreneurship &amp; Virtual Enterprise</b>	<b>Marketing</b>	<b>Business Technology</b>
	↓ 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
<b>Level 2 Courses</b>	Management & Leadership 1-2	Accounting 1-2	Marketing 1-2	Info Technology Apps 1-2
<b>Level 3 Courses</b>	Banking, Investing and Insurance & Operations Management	Virtual Enterprise 1-2	Marketing 3-4	Business Communications 1-2
<b>Suggested Pathway Electives</b>	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
<b>Career Opportunities</b>	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
<b>Extra-Curricular Opportunities</b>	DECA Future Business Leaders of America (FBLA)			

# 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 (1<sup>st</sup> Semester)  
Principles of Education and Training (2<sup>nd</sup> 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

# 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



# 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

**10<sup>th</sup> Grade:** Foundations of Health Care (1<sup>st</sup> Semester)  
Intro to Medical Terminology (2<sup>nd</sup> Semester)

**11<sup>th</sup> Grade:** Anatomy & Physiology

**12<sup>th</sup> Grade:** Biomechanics of Movement (1<sup>st</sup> Semester)  
Honors Advanced Research (2<sup>nd</sup> Semester) or  
Health Internship

### Therapeutic Services

**10<sup>th</sup> Grade:** Foundations of Health Care (1<sup>st</sup> Semester)  
Intro to Medical Terminology (2<sup>nd</sup> Semester)

**11<sup>th</sup> Grade:** Patient Care (1<sup>st</sup> Semester)  
Health Information Technology (2<sup>nd</sup> Semester)

**12<sup>th</sup> Grade:** Medical Therapeutics 1-2 or  
Health Internship

### Human Performance & Sports Medicine

**10<sup>th</sup> Grade:** Foundations of Health Care (1<sup>st</sup> Semester)  
Intro to Medical Terminology (2<sup>nd</sup> Semester)

**11<sup>th</sup> Grade:** Sports Medicine 1-2

**12<sup>th</sup> Grade:** Intro to Exercise Science or  
Health Internship



## 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
- HOSA Club
- Mentorships
- Site/Field Visits
- Research Capstone
- Job Fairs
- Profession Speakers

# HEALTH SCIENCES PATHWAYS

## REQUIRED COURSES



### Health Science Pathways

GRADE	REQUIRED PATHWAY COURSES		
9	Freshman Seminar		
10	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
11	Anatomy & Physiology	Patient Care & Health Information Technology	Sports Medicine 1-2
12	Biomechanics of Movement & Honors Advanced Research	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	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		

# 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

- 10<sup>th</sup> Grade:** Civil Engineering Design 1-2
- 11<sup>th</sup> Grade:** Civil Engineering Design 3-4
- 12<sup>th</sup> Grade:** Civil Engineering Design 5-6 or Engineer Tech Internship

### Clean Energy Research & Development

- 10<sup>th</sup> Grade:** Environmental Science 1-2 or AP
- 11<sup>th</sup> Grade:** Clean Energy 1-2
- 12<sup>th</sup> Grade:** Clean Energy 3-4 or Internship

### Environmental Studies

- 10<sup>th</sup> Grade:** Environmental Science 1-2 or AP
- 11<sup>th</sup> Grade:** Environmental Water Technology 1-2
- 12<sup>th</sup> Grade:** Inland Ecosystems 1-2 or Internship



## 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
- ACE & SAME Competitions
- Mentorships
- Site/Field Visits
- Research Capstone
- Job Fairs
- Profession Speakers

# SUSTAINABILITY PATHWAYS

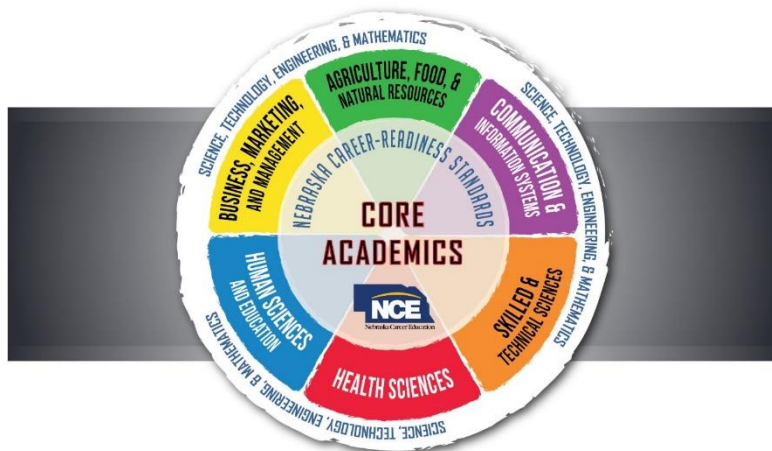
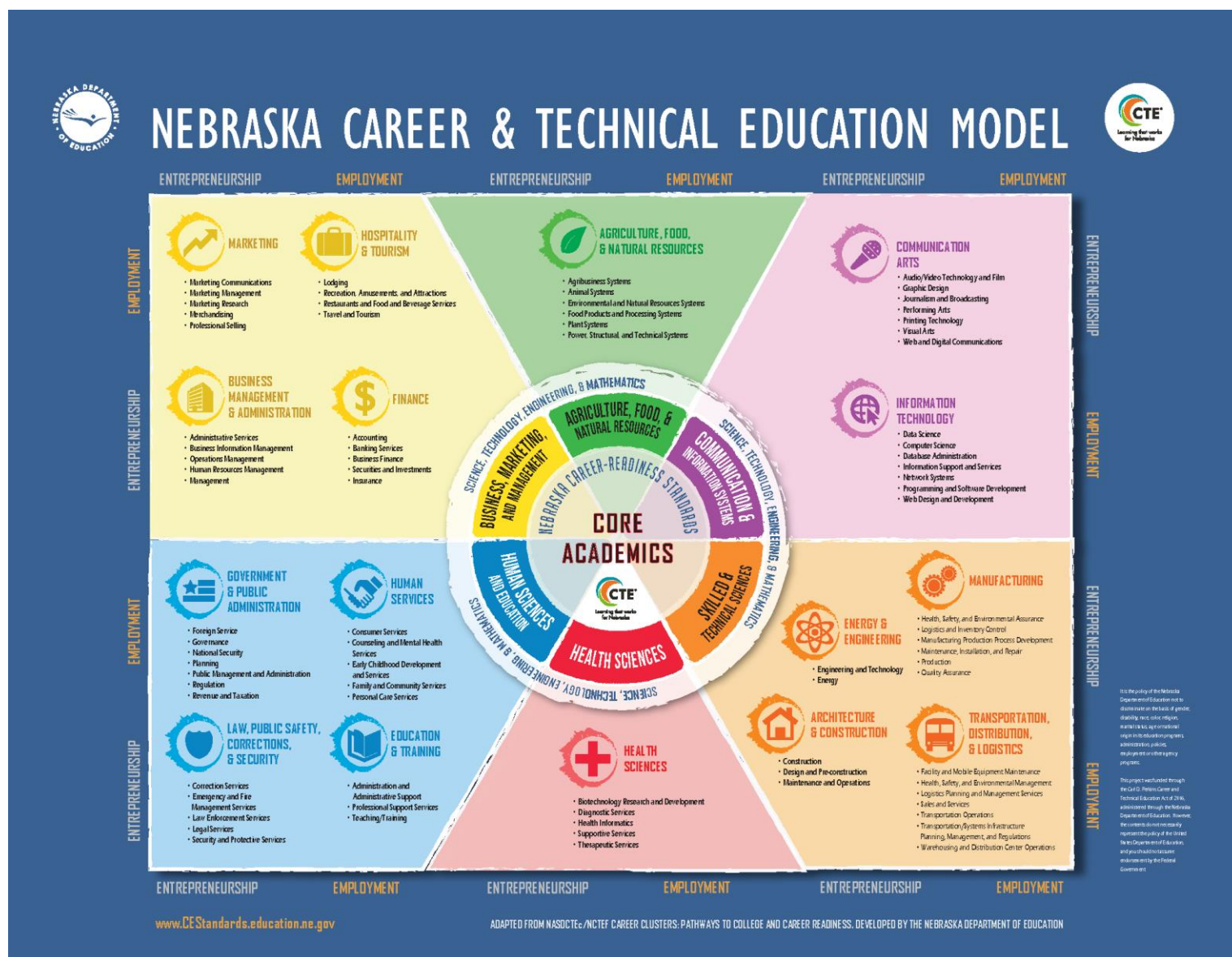
## REQUIRED COURSES



## Sustainability Pathways

GRADE	REQUIRED PATHWAY COURSES		
9	Freshman Seminar		
10	Civil & Community Engineering	Clean Energy Research & Development	Environmental Studies
	↓	↓	↓
	Civil Engineering Design 1-2	Environmental Science 1-2 Or AP Environmental Science	Environmental Science 1-2 Or AP Environmental Science
11	Civil Engineering Design 3-4	Clean Energy 1-2	Environmental Water Technology 1-2
12	Civil Engineering Design 5-6	Clean Energy 3-4	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, Skills USA, Vex Robotics, Green Schools Initiative Club	Skills USA, Vex Robotics, Green Schools Initiative Club	SAME Competition, Skills USA, Vex Robotics, Green Schools Initiative Club

# NEBRASKA CAREER & TECH ED MODEL





# CAREER CENTER



## DISCOVER YOUR FUTURE!

CONNECTING TODAY'S STUDENTS WITH  
TOMORROW'S CAREERS

### CONTACTS

Jeremy Nielsen  
Principal / Director

☎ 531-299-9505

✉ [jeremy.nielsen@ops.org](mailto:jeremy.nielsen@ops.org)

Career Center Office - Brenda Davis

☎ 531-299-0330

✉ [brenda.davis@ops.org](mailto:brenda.davis@ops.org)

🌐 <https://www.ops.org/careercenter>

### OVERVIEW

Who: Sophmores, Juniors & Seniors

What: Pathway course @ Career Center  
(2-3 year pathway sequences)

When: Application opens December 1  
Application closes March 29  
\*Late additions by April 30

How: QR Code & Emailed to all OPS Students  
Linked on social MEDIA sites and

Website: <https://www.ops.org/careercenter>

Requirements: On track for graduation,

### SCHEDULE

Aligns to HS Bell Schedules

Aligns with A/B Block Schedule

Morning and Afternoon classes

### TRANSPORTATION

Bus Transportation provided by  
school district.

\*Students need approval to drive a  
personal car with proof of valid  
driver's license. Permission form is  
at Career Center and must be signed  
by parent and home school  
administrator

### CAREER CENTER PATHWAYS INFORMATION

#### 5 - Trades / Skilled & Technical Sciences Pathways.

Automotive Tech, Automotive Collision, Construction, Electrical, & Welding  
introduce students to respective careers in the trades. Students will gain  
strong foundational proficiency and skills through a 2-3 year course  
sequence. Student outcomes in each pathway include industry  
certifications, internships and apprenticeships, college credit, and more.

#### 2 - Health Pathways.

Basic Nursing Assistant (CNA) and Emergency Medical Technician (EMT)  
Introduces students to careers in health and therapeutic services fields.  
Both programs are approved by the State of Nebraska. Students have  
access to job shadows, simulations, field experiences and more! The  
culmination for students is earning the nationally recognized industry  
credential.

- CNA students must be 16 by May of the calendar year
- EMT students must be seniors

#### 2 - I.T. / Communications Pathways.

IT PC Repair & Networking and Digital Video Production (DVP)  
Introduces students to a careers in IT / Communication fields.

Students have access to college credit, certifications,  
simulations, field experiences and more! Students work with  
specialized equipment and advanced technology in these  
pathways. Both pathways have 2-3 year course sequences.

Pathway  
Information



FOR MORE INFO or DETAILS - Pathway Booklet QR link



### APPLICATION INFORMATION

#### One Response Per Student

#### Prior to applying

Before beginning the application, students need to  
know the following information:

- Personal Information
  - Home address & Home School
  - Student ID number
  - GPA
  - School issued email address
  - Career Aspirations
  - Counselor name & email
- The Pathway/Course you are Interest in..
  - Auto Tech - Auto Collision - Construction
  - Electrical - Welding - IT/Networking
  - CNA - EMT - Digital Video Production



APPLICATION QR link



# CAREER CENTER

## 11 Pathways



In High Wage, High Skill, & High Demand Careers



THE PATHWAYS of  
The Career  
Center



### 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.

### 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: <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.

### Access Zoo Academy Application:

<https://www.omahazoo.com/zooacademy>

DISCOVER YOUR  
FUTURE!

# MCC CAREER ACADEMY PROGRAMS



**METROPOLITAN**  
Community College

## **CAREER ACADEMY PROGRAMS** **2025-2026**

MCC's Career Academy program is designed to provide high school juniors and seniors with opportunities to jumpstart their postsecondary education. MCC Career Academies increase student knowledge in various career fields prior to high school graduation, so more informed career choices can be made. Through a MCC Career Academy, students gain practical skills for specific career areas, knowledge of safety procedures, job-seeking skills, interpersonal skills for the workplace, and exposure to a college environment.

### **CAREER ACADEMIES BY LOCATION - \*\* INDICATES 2<sup>ND</sup> YEAR AVAILABLE**

#### **FORT OMAHA CAMPUS**

- Architecture
- Civil Engineering
- Construction Technology\*\*
- Culinary Arts
- Data Science
- Electrical Technology\*\*
- Heating Air and Refrigeration\*\*
- Horticulture, Land Systems and Management
- Pre-Apprenticeship Plumbing
- Web and Mobile App Development\*\*
- Welding Technology\*\*

#### **SOUTH OMAHA CAMPUS**

- Accounting
- Automotive Collision\*\*
- Automotive Technology
- Advanced Manufacturing\*\*
- Business Transfer\*\*
- Certified Nursing Assistant (CNA)
- Emergency Medical Technician (EMT)
- IT Technician - Cyber Security\*\*
- Powersports and Outdoor Equipment

#### **ELKHORN VALLEY CAMPUS**

- Digital Cinema/Filmmaking
- Photography

#### **SARPY CENTER**

- Business Transfer\*\*
- Criminal Justice
- Human Services

#### **APPLIED TECHNOLOGY CENTER**

- Diesel Technology\*\*
- Fire Science\*\*

#### **ONLINE**

- 3-D Animation and Games

**\*CAREER ACADEMY OFFERINGS AND LOCATIONS SUBJECT TO CHANGE**

### ***To Apply for a Career Academy:***

Applications are available December 2, 2024 from your high school counselor, and online at [www.mccneb.edu/careeracademy](http://www.mccneb.edu/careeracademy). All applicants must complete an application for MCC prior to submitting their Career Academy application. Application can be completed at [www.mccneb.edu/apply](http://www.mccneb.edu/apply).

Please submit the application to [secondarypartnerships@mccneb.edu](mailto:secondarypartnerships@mccneb.edu).

**Application Deadline: March 7, 2025**

#### **QUESTIONS:**

If you have questions about the MCC Career Academy Program, please contact one of the following:

- Your high school counselor
- Secondary Partnerships 531-MCC-2213 or [secondarypartnerships@mccneb.edu](mailto:secondarypartnerships@mccneb.edu)

# COURSE OFFERINGS

## ART

### ART FOUNDATIONS 1-2 110191/110192

This course will provide students with a solid foundation for drawing and design. Elements of art, principles of design, color theory and composition will be covered. Students will learn art techniques and concepts using a variety of 2D and 3D media to create original works of art. In addition to art production, students will use a variety of learning strategies including reading, analyzing, and interpreting to respond, connect, and develop a deeper understanding of art from a variety of cultures and time periods. This is a year-long course.

*Credit: 1 per semester                      Duration: 2 semesters*

*Grade Level: 9, 10, 11, 12*

*Prerequisite: None*

### INTERMEDIATE DRAWING AND PAINTING 1-2 110241/110242

This course offers an expansion of skills and knowledge of drawing, painting, and design concepts. An emphasis will be on idea generation; artistic investigations in techniques and media; initial development of personal voice and style and the development of a greater awareness of art beyond school. In addition to art production, students will use a variety of learning strategies including reading, analyzing, and interpreting to respond, connect, and develop a deeper understanding of art from a variety of cultures and time periods. This is a year-long course.

*Credit: 1 per semester                      Duration: 2 semesters*

*Grade Level: 10, 11, 12*

*Prerequisite for this course is successful completion of Art 1-2 or Art Foundations 1-2*

### STUDIO ART 1-2 110451/110452

The focus of this course is on the development of conceptual and technical skills used in contemporary studio practice by providing advanced opportunities to expand and refine artistic skills in a variety of two-dimensional media. Students will develop a personal style and creative ideas to expand one's awareness of art beyond school. Students will focus on portfolio development, presentation, exhibition, scholarship preparation and career exploration. Learning strategies allow students to communicate a deeper understanding of their own art and art from a variety of cultural contexts, time periods and cultural settings. This course can be taken concurrently with other art courses.

*Credit: 1 per semester                      Duration: 2 semesters*

*Grade Level: 11, 12*

*Prerequisite for this course is successful completion of Intermediate Drawing and Painting or Applied Design 1-2*

### H STUDIO ART 3-4 110611/2

This course focuses on exhibitions, portfolios, scholarship preparation and career planning. Areas of concentration will be art production, art history, art criticism, and aesthetics. Honors requirements are: view or attend formal exhibits and submit exhibit reviews/critiques; write an in-depth research paper; complete written abstracts about artists and their work; refine individual work for exhibition and/or competition each semester; participate in discussions and critiques and keep a drawing and reflection sketchbook. Students are strongly encouraged to enroll concurrently in another art class. This is a yearlong course.

*Credit: 1 per semester                      Duration: 2 semesters*

*Grade Level: 12*

*Prerequisite: Successful completion of six semesters of art.*



**BEGINNING CERAMICS AND SCULPTURE 1-2 110701/2**

This is a foundation course that emphasizes the art elements and principles of design to produce nonfunctional and functional three-dimensional art forms. This course explores ceramics in terms of form, function, and cultural expression. 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 and use the critical process to evaluate their own work, as well as examples taken from contemporary and historical clay artists. This is a year-long course.

*Credit: 1 per semester                      Duration: 2 semesters*

*Grade Level: 9, 10, 11, 12*

*Prerequisite: Art Foundations 1-2*

**INTERMEDIATE CERAMICS AND SCULPTURE 1-2 110711/2**

In this course, students will be challenged with more advanced techniques and problems to create three-dimensional forms. Aesthetic issues related to form and function, the inherent expressive qualities of clay, and identifying good artisanship will be an ongoing part of the study. Students will create using methods of hand-building, the potter's wheel, and other sculptural techniques. Students will be exposed to firing techniques, different clay bodies, new glazes or surface treatments, contemporary and historical clay artists. The class will provide opportunities to expand skills; to develop a personal style; to develop creative ideas; to expand one's awareness of art beyond school, and to focus on presentation, exhibitions, scholarship preparation and career planning. This is a year-long course.

*Credit: 1 per semester                      Duration: 2 semesters*

*Grade Level: 10, 11, 12*

*Prerequisite for this course is successful completion of Beginning Ceramics and Sculpture or Pottery 1-2*

**ADVANCED CERAMICS AND SCULPTURE 1-2 110751/110752**

This is an advanced, more independent course providing an opportunity to individualize projects, enhancing their style in the medium while further exploring the philosophical and historical aspects of clay art. Students will refine techniques and increase skill levels. Students may deeper explore the process of hand-building, the potter's wheel, sculptural techniques, firing techniques, clay bodies, glazes, and sculpture techniques. 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, and participating in workshops. This course includes portfolio work, presentation, exhibitions, scholarship preparation and career planning. At least one student-initiated exhibit in a public forum is required. This course can be taken concurrently with other art courses. This is a year-long course.

*Credit: 1 per semester                      Duration: 2 semesters*

*Grade Level: 11, 12*

*Prerequisite for this course is successful completion of Intermediate Ceramics and Sculpture or Pottery 3-4*

**H STUDIO ART 3D 110671/2**

This course includes explorations into materials and process, tools, and construction methods, with an emphasis on working with clay. 3-D formal applications of line, plan, form, and space, with investigation of positive/negative/negative, interior/exterior, volume/mass, multiple/repetition, scale, color/surface, and texture will be explored. Students will work to develop technique and personal style and will develop a personal portfolio. This course is recommended as additional studio time to AP Studio Art 3D. Requirements for Honors credit include independent research; in-depth art critiques; weekly sketchbook/journal entries; gallery and/or museum visits with reflections; development of the production of clay works based on research and reflection of master ceramic artists; formal presentation of research, influence, artistic process and work as well as participation in discussions and class critiques. This is a year long course.

*Credit: 1 per semester                      Duration: 2 semesters*

*Grade Level: 12*

*Prerequisites: Successful completion of Advanced Ceramics and Sculpture or H Pottery 5-6*



**COMPUTER GRAPHIC DESIGN 1-2 110561/2**

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, 12*

*Prerequisite: None*

**COMPUTER GRAPHIC DESIGN 3-4 110571/2**

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, 12*

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

**COMPUTER GRAPHIC DESIGN 5-6 110581/2**

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, 12*

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

**COMPUTER GRAPHIC DESIGN 7-8 110621/22**

This course for twelfth grade students is the culmination of a sequential graphic design experience. Students who complete this course will be prepared to enter a commercial arts vocation, or to enter an advanced university-based course in graphic arts. This is the first semester of a year long course.

*Credit: 1 per semester      Duration: 2 semesters*

*Grade Level: 12*

*Prerequisite for this course is successful completion of Computer Graphic Design 5-6.*

**APPLIED DESIGN 1-2 110431/2**

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.

*Credit: 1 per semester      Duration: 2 semesters*

*Grade Level: 10, 11, 12*

*Prerequisite: Art 1-2*

**ADVANCED APPLIED DESIGN 110441/2**

This course expands on the concepts of Beginning Applied Design to emphasize creative use of design principles and advanced techniques in the creation of crafts and jewelry. Students will continue to explore the role of crafts and jewelry in various cultures throughout history and deepen their understanding of form versus function and fine art versus craft. Emphasis will be on craftsmanship, technique, function, expression, and content in examining works of others and in creating works of their own. 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.

*Credit: 1 per semester      Duration: 2 semesters*

*Grade Level: 11, 12*

*Prerequisite for the course is successful completion of Applied Design.*

**HONORS ADVANCED APPLIED DESIGN 110631/2**

This course focuses on design and craftsmanship in jewelry as personal adornment, for second year applied design students who will complete additional assignments/projects to earn Honors credit. Requirements for Honors credit include independent research; in-depth art critiques; weekly sketchbook/journal entries; gallery and/or museum visits with reflections; development of the production of clay works based on research and reflection of master applied design artists; formal presentation of research, influence, artistic process, and work.

*Credit: 1 per semester      Duration: 2 semesters*

*Grade Level: 12*

*Prerequisite for this course is successful completion of Applied Design with a grade of B or better or instructor permission*

**AP STUDIO ART 2-D 110841/2**

The AP 2D 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 2D 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 to create work that exists on a flat surface. Graphic design, digital imaging, photography, collage, fabric design, weaving, fashion design, fashion illustration, painting printmaking are among the possibilities. The AP 2D Art and Design Portfolio exams contain two sections. The Selected Works section (40% of total score) requires students to demonstrate skillful synthesis of materials, processes and ideas. The Sustained Investigation section (60% of total score) requires students to conduct a sustained investigation based on questions, through practice, experimentation, and revision. Both sections of the portfolio require students to articulate information about their work. 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, 12*

*Prerequisite for this course is the successful completion with a B or better in two years of upper level art courses or instructor approval.*

## AP STUDIO ART 3-D 110851/2

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

*Credit: 1 per semester*

*Duration: 2 semesters*

*Grade Level: 11, 12*

*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.*

## FRESHMAN SEMINAR 181301/2

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

*Credit: 1 per semester      Duration: 2 semesters*

*Grade Level: 9*



## PERSONAL FINANCE 120981 or HONORS 120971

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

*Credit: 1 per semester      Duration: 1 semester*

*Grade Level: 12*

## PRINCIPLES OF BUSINESS MARKETING & MANAGEMENT 1 120021

BUSINESS THEME

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*

*Grade Level: 10, LEVEL 1*



## ENTREPRENEURSHIP 1 120401

BUSINESS THEME

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*

*Grade Level: 10, LEVEL 1*



## MANAGEMENT & LEADERSHIP 1-2 120711/2

BUSINESS MANAGEMENT & INSURANCE PATHWAY

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*

*Grade Level: 11, LEVEL 2*





## BANKING, INVESTING, and INSURANCE 120591

## BUSINESS MANAGEMENT & INSURANCE PATHWAY

Banking, investing, and insurance further develops the student understanding of the main areas of financial services. Concepts include history of money and banking, negotiable instruments, creation of credit and function of banks. Students will focus on a variety of investment options and determine the appropriate options for an investment goal. Students will also determine the risks faced by individuals and businesses and decide on the proper risk management techniques to mitigate those risks. Investigating both personal and business insurance products and deciding which products are suitable for specific customer profiles.

*Credit: 1 per semester*

*Duration: 1 semester*

*Grade Level: 12, LEVEL 3*



## OPERATIONS MANAGEMENT 120661

## BUSINESS MANAGEMENT & INSURANCE PATHWAY

This course focuses on managing the operations of business to ensure that a business has the resources required to function on a daily basis. Topics covered include productivity; strategy in a global business environment; project management; quality management; human resources management; supply chain and inventory management; material requirements planning; JIT; maintenance and reliability; corporate social responsibility; ethics and risk management.

*Credit: 1 per semester*

*Duration: 1 semester*

*Grade Level: 12, LEVEL 3*

*Prerequisites: Management and Leadership 1 and Management and Leadership 2*



## ACCOUNTING 1-2 120171/2

## ENTREPRENEURSHIP & VIRTUAL ENTERPRISE PATHWAY

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*

*Grade Level: 11, LEVEL 2*



## VIRTUAL ENTERPRISE 1-2 120601/2

## ENTREPRENEURSHIP & VIRTUAL ENTERPRISE PATHWAY

The course allows students to experience all areas of management of a business within a simulated environment. Students assume positions in accounting, management, information technology, legal, human resources, marketing, insurance, and business finance. Working collaboratively, students run simulated businesses in their schools as well as engage in virtual trading with other virtual businesses.

*Credit: 1 per semester*

*Duration: 2 semesters*

*Grade Level: 12 LEVEL 3*

*Prerequisites: Accounting 1-2*



## MARKETING 1-2 120471/2

## MARKETING PATHWAY

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*



## MARKETING 3-4 120481/2

## MARKETING PATHWAY

The course will emphasize entrepreneurial development and responsive marketing strategies that meet customer needs. The course focuses on marketing concepts and the role of marketing in the organization and society. Topics include market segmentation, product development, promotion, distribution, and pricing. Additional topics include external environment, economics, politics, government, marketing research, international marketing, cultural diversity, ethics, technology, and careers in marketing. Capstone activities include development of a marketing or business plan.

*Credit: 1 per semester      Duration: 2 semesters*

*Grade Level: 12, LEVEL 3*

*Prerequisites: Marketing 1-2*



## INFO TECHNOLOGY APPS 1-2 130951/2

## BUSINESS TECHNOLOGY PATHWAY

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*



## BUSINESS COMMUNICATION 1-2 120751/2

## BUSINESS TECHNOLOGY PATHWAY

Students will develop an understanding and appreciation for effective communication in business situations and environments. Emphasis is placed on all phases of communication: speaking, listening, thinking, responding, reading, writing, communicating non-verbally, and utilizing technology for communication.

*Credit: 1 per semester      Duration: 2 semesters*

*Grade Level: 12, LEVEL 3*



## BUSINESS INTERN 1-2 187501/2

The internship program provides 11th and 12th grade students with an individual career experience in the community. The internship is a supplement to formal classroom instruction. Students plan their internship with a teacher-coordinator and participate in a paid or unpaid occupational experience. Prerequisites: 1. Student's approved by teacher-coordinator 2. Successful completion/concurrent enrollment in corresponding courses. School Store Intern

*Credit: 1 per semester      Duration: 2 semesters*

*Grade Level: 11, 12, LEVEL 3*

*Prerequisites: Student has taken previous Business Pathway courses*



## BUSINESS INTERN 3-4 187511/2

The internship program provides 11th and 12th grade students with an individual career experience in the community. The internship is a supplement to formal classroom instruction. Students plan their internship with a teacher-coordinator and participate in a paid or unpaid occupational experience. Prerequisites: 1. Student's approved by teacher-coordinator 2. Successful completion/concurrent enrollment in corresponding courses. School Store Intern

*Credit: 1 per semester      Duration: 2 semesters*

*Grade Level: 12, LEVEL 3*

*Prerequisites: Student has taken previous Business Pathway courses and successful completion of Business Intern 1-2*



## FINANCE INTERN 1-2 187801/2

The internship program provides 11th and 12th grade students with an individual career experience in the community. The internship is a supplement to formal classroom instruction. Students plan their internship with a teacher-coordinator and participate in a paid or unpaid occupational experience. Prerequisites: 1. Student's approved by teacher-coordinator 2. Successful completion/concurrent enrollment in corresponding courses. Community-Based Intern

*Credit: 1 per semester      Duration: 2 semesters*

*Grade Level: 12, LEVEL 3*

*Prerequisites: Student has taken a previous Business Pathway course*



## FOUNDATIONS OF COMPUTING 1 131691

Foundations of Computing 1 focus on computer literacy, educational technology, digital citizenship, information technology, and computer science. Students will develop a greater understanding of the digital presence, as well as the impact of computing in society. Beyond learning the fundamentals of programming students build computational-thinking skills, communication skills, and productivity skills through the use of collaborative tools, modeling, and simulations. **Starting with the class of 2027, students must take one computer science course (1 semester) by the end of their Senior year.**

*Credit: 1 per semester      Duration: 1 semester*

*Grade Level: 9, 10, 11, 12*

## AP COMPUTER SCI PRINCIPLES 1-2 131311/131332

Computer Science Principles introduces students to the foundations of computer science with a focus on how computing powers the world. Along with the fundamentals of computing, you will learn to analyze data, create technology that has a practical impact, and gain a broader understanding of how computer science impacts people and society. Students who select NOT to participate in the AP exam are expected to take a cumulative, AP comparable, teacher-graded end of course exam. **Starting with the class of 2027, students must take one computer science course (1 semester) by the end of their Senior year. Students are expected to enroll in this year-long class with the first semester being an elective and the second being the required computer science course.**

*Credit: 1 per semester      Duration: 2 semesters*

*Grade Level: 9, 10, 11, 12*



## ENGLISH 1-2 010341/2

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 010351/2

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 010411/2

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 010621/2

## AP CAPSTONE DIPLOMA

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*

*Prerequisites: Grade of B or higher in Honors English 1-2, or A in English 1-2, or teacher recommendation; and parent and student signature indicating a full-year commitment.*

## ENGLISH 5-6 010471/2

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 011911/2

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. This is a possible Dual Enrollment course.

*Credit: 1 per semester                      Duration: 2 semesters*

*Grade Level: 11*

*Prerequisites: Grade of C or higher in English 3-4: AP Seminar or A in English 3-4; or teacher recommendation; and parent and student signature indicating a full year commitment.*

## ENGLISH 7-8 010531/2

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

*Credit: 1 per semester                      Duration: 2 semesters*

*Grade Level: 12*

## AP ENGLISH LITERATURE AND COMPOSITION 011901/2

Advanced Placement English Literature and Composition is an Advanced Placement course that engages students in the critical analysis of selected texts from ancient Greece to the contemporary world. Students continue to practice close reading techniques, build their vocabularies and comfort with the language of literary analysis, and approach texts independently with increasing sophistication and critical thinking. 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: 12*

*Prerequisites: Grade of C or higher in AP Language and Composition, or A in English 5-6, or teacher recommendation; and parent and student signature indicating a full-year commitment.*

AP SEMINAR 1-2 010801/2

AP CAPSTONE DIPLOMA

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*

*Prerequisites: Grade of B or higher in Honors English 1-2, or A in English 1-2, or A in English 3-4, or teacher recommendation; and parent and student signature indicating a full-year commitment.*

AP RESEARCH 010811/2

AP CAPSTONE DIPLOMA

AP Research is an interdisciplinary course that encourages students to demonstrate critical thinking and academic research skills on a topic of the student's choosing. To accommodate the wide range of student topics, typical college course equivalents include introductory research or general elective courses. Build on what you learned in AP Seminar to deeply explore an academic topic, problem, or issue of individual interest. Through this exploration, you will design, plan, and conduct a year-long research-based investigation to address a research question. All students enrolled in an AP course are required to take either the CollegeBoard AP exam in May or an AP Alternative Assessment that has been approved by the Omaha Public Schools. Both exams are cumulative and cover the content of the AP curriculum.

*Credit: 1 per semester                      Duration: 2 semesters*

*Grade Level: 12*

*Prerequisites: Grade of C or higher in AP Seminar or English 3-4: AP Seminar, or teacher recommendation; and parent and student signature indicating a full-year commitment.*

CREATIVE WRITING 1-2 020351/2

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, 12*

HONORS INTRO TO SPEECH AND DEBATE 021571/2

Honors Intro to Speech and Debate introduces students to the art of speaking, oral interpretation, and persuasive and debate skills to broaden and deepen their oral communication skills. Students will explore and analyze historical and award-winning speeches, event analysis and rule interpretations, topic selection, elements of persuasion, and preparation for several in-class debates and speeches. In this class students will be expected to be a part of our Novice speech and debate competition team and will be expected to attend 3 novice speech and debate tournaments.

*Credit: 1 per semester                      Duration: 2 semesters*

*Grade Level: 9, 10, 11, 12*

## HONORS ADVANCED SPEECH 1-2 021001/2

H. Advanced Speech 1-2 provides students with opportunities to participate in a competitive speech program where they fine tune and apply the art of public speaking, oral interpretation, and persuasion to competitive situations. Students will master the pedagogy of competitive speech and the performance of literature. Topics include event analysis and interpretation, instruction techniques for each event, rehearsal and performance analysis, and critique analysis. Students in this class are expected to judge at least one Novice tournament and attend all Varsity tournaments. Students must be enrolled in the class to be a part of the team and must compete in two events.

*Credit: 1 per semester                      Duration: 2 semesters*

*Grade Level: 10, 11, 12*

*Prerequisites: H. Intro to Speech and Debate (021571-021572) or Teacher Permission*

## ACADEMIC LITERACY SKILLS 1-2 011011/2

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 011181/2

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, 12*

## JOURNALISM 1-2 020411/2 or HONORS JOURNALISM 020531/2

Journalism 1-2 introduces students to the field of journalism including newspapers, photography, and yearbooks. 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, 12*

*Prerequisite: C or above in most recent English class or journalism advisor recommendation.*

## PHOTOJOURNALISM 1 020841

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, 12*

*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 1-2 021231/2

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, 12*

*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. Available to Freshmen for Buffett students who took Journalism.*

#### HONORS YEARBOOK 3-4 021331/2

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. 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, 12*

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

#### HONORS YEARBOOK 5-6 021431/2

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. Students will assume additional responsibilities and assignments. This course is for third year yearbook students.

*Prerequisites:*

*Credit: 1 per semester                      Duration: 2 semesters*

*Grade Level: 11, 12*

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

#### HONORS YEARBOOK 7-8 021441/2

Students enrolled in this course are responsible for the production and leadership of the school yearbook. Students work individually and collaboratively to lead other students and on their own assignments. Quality writing, editing, advertising, photography, and layout design skills are required along with leadership of peers. Students will assume additional responsibilities and assignments as needed. This course is for fourth year yearbook students. .

*Credit: 1 per semester                      Duration: 2 semesters*

*Grade Level: 12*

*Prerequisite: Successful completion of a "C" or higher in Honors Yearbook 5-6 AND requires Journalism Adviser Permission*

#### HONORS NEWS PRODUCTION 1-2 021221/2

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

*Credit: 1 per semester                      Duration: 2 semesters*

*Grade Level: 10, 11, 12*

*Prerequisites: Successful completion of a "C" or higher in either Journalism 1-2 or Honors Journalism 1-2. It also requires Journalism Adviser permission. Available to Freshmen for Buffett students who took Journalism.*

### HONORS NEWS PRODUCTION 3-4 021241/2

Students enrolled in this course are responsible for the production of the online and print school newspaper and student journalism social media. Students work individually and collaboratively on their assignments. Quality writing, editing, advertising, photography, design, and video skills are required. Students will assume additional responsibilities and assignments. This course is for second year second year journalism students.

*Credit: 1 per semester                      Duration: 2 semesters*

*Grade Level: 10, 11, 12*

*Prerequisites: Successful completion of a "C" or higher in Honors News Production 1-2 AND requires Journalism Adviser Permission.*

### HONORS NEWS PRODUCTIONS 5-6 021243/4

Students enrolled in this course are responsible for the production of the online and print school newspaper and student journalism social media. Students work individually and collaboratively on their assignments. Quality writing, editing, advertising, photography, design, and video skills are required. Students will assume additional responsibilities and assignments. This course is for second/third year journalism students.

*Credit: 1 per semester                      Duration: 2 semesters*

*Grade Level: 11, 12 Prerequisites: Successful completion of a "C" or higher in Honors News Production 3-4 AND requires Journalism Adviser Permission.*

### HONORS NEWS PRODUCTION 7-8 021245/6

Students enrolled in this course are responsible for the production of the online and print school newspaper and student journalism social media. Students work individually and collaboratively on their assignments. Quality writing, editing, advertising, photography, design, and video skills are required. Students will assume additional responsibilities and assignments. This course is for fourth year journalism students.

*Credit: 1 per semester                      Duration: 2 semesters*

*Grade Level: 12*

*Prerequisites: Successful completion of a "C" or higher in Honors News Production 5-6 AND requires Journalism Adviser Permission.*

### HONORS EDITORIAL LEADERSHIP 021281/2

Students enrolled in this class must also be enrolled concurrently in H Yearbook 3-4 or H News Production 3-4 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, 12*

*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 020631/2 or HONORS DRAMA 1-2 021631/2

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, 12*

HONORS ADVANCED DRAMA 3-4 021731/2

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, 12*

*Prerequisite: Drama 1-2 or Honors Drama 1-2*

HONORS ADVANCED DRAMA 5-6 21831/21832

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, 12*

*Prerequisites: Honors Advanced Drama 3-4.*

HONORS ADVANCED DRAMA 7-8 021851/2

Honors Advanced Drama 7 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: 12*

*Prerequisites: Honors Advanced Drama 5-6*

STAGECRAFT 1-2 020681/2

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, 12*

HONORS ADVANCED STAGECRAFT 021691/2

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: 10, 11, 12*

*Prerequisite: Successful completion of Stagecraft.*

ACT TEST PREP 020751

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*



## ACADEMIC LANGUAGE STUDY EL 1-2 157101/2

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, 12*

## ESL 1-2 155191/2

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, 12*

## ESL 3-4 155351/2

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, 12*

## ESL READING 1-2 155211/2

This is the first semester of a year course. This course is designed to build reading skills in English for the beginning ESL student. The focus will be to provide successful experiences in reading English at a beginning level, while building skills in recognizing basic sight words, using context clues and prior knowledge to derive word meaning, identifying main idea, summarization of reading passages, and dictionary usage.

*Credit: 1 per semester                      Duration: 2 semesters*

*Grade Level: 9,10, 11, 12*

## ESL READING 3-4 155231/2

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, 12*

## ESL SOCIAL STUDIES FOUNDATIONS 1-2 159411/2

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, 12*

## ESL 5-6 155151/2

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, 12*

## SCIENCE FOUNDATIONS 3-4 063141/2

Science Foundations 3-4 is an inquiry-based course designed to expose students to natural, environmental, and life sciences. Topics include weather and water cycles, plant studies, environmental changes, and human body systems. This course provides a foundation for other science courses. This science elective course is intended for beginning proficiency level English learners (typically a first-year English learners with formal educational experiences).

*Credit: 1 per semester      Duration: 2 semesters*

*Grade Level: 9,10, 11, 12*

## FOUNDATION OF HEALTH CARE 074061

## HEALTH SCIENCE THEME

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 070611

## HEALTH SCIENCE THEME

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*



## BIOMECHANICS OF MOVEMENT 074461

## BIOMECHANICS &amp; RESEARCH PATHWAY

The principles of mechanics are applied to the study of human motion to provide students with an understanding of forces acting on the body during human movement. Students will learn to describe motions of the body during typical activities, predict which muscles are responsible for controlling movement, quantify the forces acting on the body during movement, understand the limitations of different experimental techniques and evaluate studies of human movement.

*Credit: 1 per semester      Duration: 1 semester*

*Grade Level: 12, LEVEL 3*

*Prerequisite: Anatomy and Physiology*



## HONORS ADVANCED RESEARCH 061571

## BIOMECHANICS &amp; RESEARCH PATHWAY

Honors Advanced Research is an inquiry course with an emphasis on research methods. Students will engage in scientific research practices by formulating research questions and hypotheses, designing experimental methods, and evaluating results using statistical analysis. The course includes the practice of locating and understanding scientific literature, practice critiquing biological data and ideas, writing a research proposal, and public presentation of scientific information.

*Credit: 1 per semester      Duration: 1 semester*

*Grade Level: 12, LEVEL 3*



## PATIENT CARE 074581

## THERAPEUTIC SERVICES PATHWAY

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 collecting 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*



## HEALTH INFORMATION TECHNOLOGY 074521

## THERAPEUTIC SERVICES PATHWAY

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*



## MEDICAL THERAPEUTICS 1-2 074381/2

## THERAPEUTIC SERVICES PATHWAY

The course develops student understanding of the principles and practices of therapists in the health care industry. Clinical skills in the various areas of therapy enable students to gain understanding of rehabilitative care, which is practiced throughout the continuum of care and across the life span of individuals. Students will research specific degrees, licensure, certificates, and skills in a variety of fields such as physical therapy, occupational therapy, speech therapy, sports medicine, athletic training, chiropractic medicine, biology, or exercise science. Students will develop skills to assess, monitor, evaluate, and report patient/client health status and identify the purpose and components of treatments.

*Credit: 1 per semester*      *Duration: 2 semesters*

*Grade Level: 12, LEVEL 3*

*Prerequisite: Patient Care & Health Information Technology*



## SPORTS MEDICINE 1-2 074391/2

## HUMAN PERFORMANCE &amp; SPORTS MEDICINE PATHWAY

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, and 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*



## INTRODUCTION TO EXERCISE SCIENCE 074241/2

## HUMAN PERFORMANCE &amp; SPORTS MEDICINE PATHWAY

This course is appropriate for students wishing to pursue a career in personal training or for those who desire an introduction in the field of exercise science. Students will gain knowledge of body systems, nutrition, life-long fitness and the impact of disease and injury on quality of life. The course will enable students to perform fitness assessments, according to current national guidelines and to use data to develop exercise and training routines, fitness plans and nutritional programs to fit the needs of clients.

*Credit: 1 per semester*      *Duration: 2 semesters*

*Grade Level: 12, LEVEL 3*

*Prerequisite: Sports Medicine*





## SPORTS NUTRITION 140141

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, 12*

## HEALTH SCIENCE INTERN 1-2 188101/2

The internship program provides 11th and 12th grade students with an individual career experience in the community. The internship is a supplement to formal classroom instruction. Students plan their internship with a teacher-coordinator and participate in a paid or unpaid occupational experience.

*Credit: 1 per semester      Duration: 1 or 2 semesters*

*Grade Level: 12, LEVEL 3*

*Prerequisites: Student has taken a previous course within the Health Pathway*



## LIFESPAN DEVELOPMENT 141161

## EDUCATION PATHWAY

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 141171

## EDUCATION PATHWAY

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 141181/2

## EDUCATION PATHWAY

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*



## FIELD EXPERIENCES IN EDUCATION TRAINING 141191/2

## EDUCATION PATHWAY

This course is a continuation of the Best Practices in Education and Training course and is the fourth course in a four-course sequence. Through this capstone experience, students will apply previously developed knowledge and skills into a structured workplace experience. Students will need to complete and pass a background check in order to go into classrooms for the 90 hours of field observation and practicum experiences. This volunteer experience may take place within a school environment for those seeking teaching careers, or within the business and industry community for those seeking careers in professional educational training. Goals are set cooperatively by students, their instructor, and respective supervising professionals. Opportunities may include experience teaching in a controlled setting by designing learning experiences and facilitating presentations. Students will focus on improving their instructional strategies through coaching from their teacher and supervising professionals. 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*

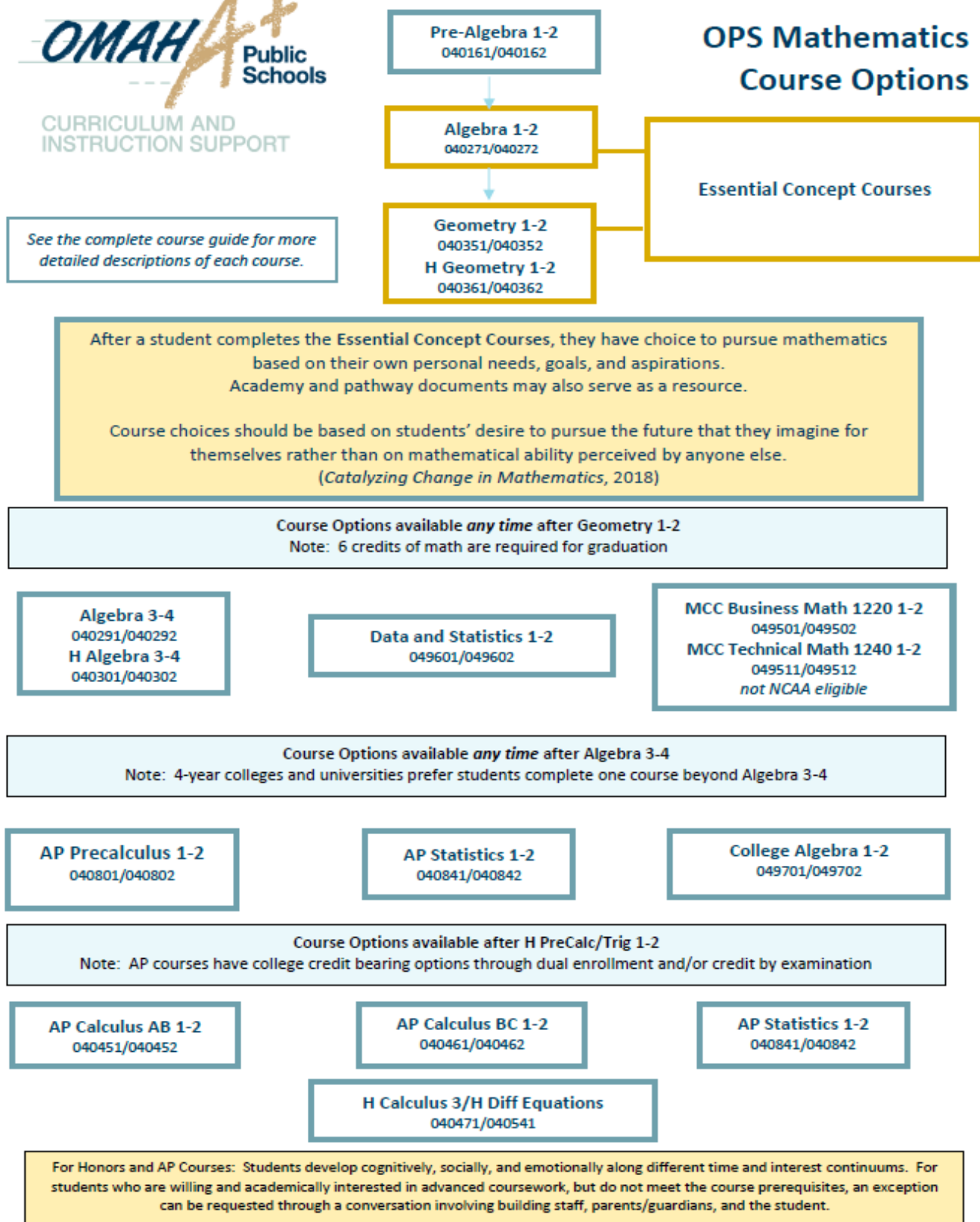
*Grade Level: 12, LEVEL 3*

*Prerequisites: Lifespan Development and Principles of Education and Train*





## OPS Mathematics Course Options



## PRE-ALBEGRA 1-2 040161/2

This course is designed to meet the needs of the students 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 percent, 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 040271/2

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 040291/2

This course covers the topics of a traditional second-year algebra course. Content includes solving polynomial equations as well as linear, absolute value, 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, 11, 12*

## HONORS ALGEBRA 3-4 040301/2

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, 12*

*Prerequisites: Grade of an A in Algebra 1-2 or Geometry 1-2. Grade of B or higher in Geometry 1-2 or MAP score above 235.*

## GEOMETRY 1-2 040351/2

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, 11, 12*

## HONORS GEOMETRY 1-2 040361/2

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, 11, 12*

*Prerequisites: Grade of an A in Algebra 1 and 2, grade of B or higher in Honors Algebra 1 and 2, or MAP Math score at or above 230.*

## AP STATISTICS 1-2 040841/2

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, 12*

## DATA & STATISTICS 1-2 049601/2

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, 12*

*Prerequisites: Geometry 1-2*

## AP PRECALCULUS 040801/2

This course provides students with an understanding of the concepts of college algebra, trigonometry, and additional topics that prepare students for further college-level mathematics courses. This course explores a variety of function types and their applications--polynomial, rational, exponential, logarithmic, trigonometric, polar, parametric, vector-valued, implicitly defined, and linear transformation functions using matrices.

*Credit: 1 per semester      Duration: 2 semesters*

*Grade Level: 9, 10, 11, 12*

*Prerequisites: Successful completion of AP Precalculus*

## AP CALCULUS AB 1-2 040451/2

This course follows the College Board's Advanced Placement syllabus for Calculus AB, which stresses the concept of limits 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 AP Precalculus, or 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: 11, 12*



## AP CALCULUS BC 1-2 040461/2

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 AP Precalculus, or 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: 11, 12*

*Prerequisites: Successful completion of AP Calculus AB*

## HONORS CALCULUS 3 040471

Topics are from multi variable calculus and include partial derivatives, multiple integrals, and calculus of vector functions. Students enrolling in this course should have successfully completed AP Calculus BC. This is a one semester course that is paired with Honors Differential Equations.

*Credit: 1 per semester                      Duration: 1 semester*

*Grade Level: 11, 12                      Duration: 1 semester*

*Prerequisite: Successful completion of AP Calculus BC with a B or higher.*

## HONORS DIFFERENTIAL EQUATIONS 040541

Topics include first order, linear, or homogeneous differential equations and systems; the Laplace transform; boundary value problems; series and numerical solutions; and nonlinear systems. Students enrolling in this course should have successfully completed AP Calculus BC. This is a one semester course that is paired with Honors Calculus 3.

*Credit: 1 per semester                      Duration: 2 semesters*

*Grade Level: 11, 12*

*Prerequisite: Successful completion of Honors Calculus 3.*

## COLLEGE ALGEBRA 1-2 049701/2

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.

*Credit: 1 per semester                      Duration: 2 semesters*

*Grade Level: 10, 11, 12*

*Prerequisites: Algebra 3-4*



# 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	*	4.5 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 a 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 local Foundation and State funds. The cost equivalent that is covered by the funder is approximately \$750.

## 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 higher education 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.

## MCC BUSINESS MATH 049501/2

This course is directed toward the development and application of the mathematics skills needed to solve problems related to business occupations. Topics include percentages, checking accounts and services, payroll, payroll taxes, cash and trade discounts, property and sales taxes, simple and compound interest, installment purchases, loan payment plans, and annuities. Instruction and assessments are delivered electronically with the support of a classroom teacher. This course has a dual enrollment component that satisfies the math requirement for many MCC associate degree programs.

*Credit: 1 per semester      Duration: 2 semesters*

*Grade Level: 10, 11, 12*

*Prerequisites: Geometry 1-2*

## MCC TECHNICAL MATH 049511/2

This course is directed toward the development and application of the mathematics skills needed to solve problems related to career and technical fields. Students apply ratios and proportions, measurement concepts, algebraic operations, geometrical relationships, and right triangle trigonometry to problem solving of technical applications. Instruction and assessments are delivered electronically with the support of a classroom teacher. This course has a dual enrollment component that satisfies the math requirement for many MCC associate degree programs.

*Credit: 1 per semester      Duration: 2 semesters*

*Grade Level: 10, 11, 12*

*Prerequisites: Geometry 1*

## JROTC 1-2 (LEADERSHIP EDUCATION TRAINING, LET1) 070811/2 (HONORS OPTION) 070641/2

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 drills. 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 an 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, 11*

## JROTC 3-4 (LEADERSHIP EDUCATION TRAINING, LET2) 070821/2 (HONORS OPTION) 070621/2

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 drills 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) 070831/2 (HONORS OPTION) 070751/2

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 drills 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 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, 12*

*Prerequisites: JROTC 3-4*

## JROTC 7-8 (LEADERSHIP TRAINING, LET 4) 070841/2 (HONORS OPTION) 070741/2

The JROTC program is designed to help develop strong leaders and model citizens. As a fourth-year Cadet, you'll continue to build on the LET I-III knowledge and skills and find yourself being introduced to new content that will help you continue to lead others in your battalion. The knowledge, skills, and abilities you will acquire in your senior year: Leadership learning experiences provide you with a unique opportunity to look at the role of leadership in continuous improvement. You'll take a look at the big picture of the JROTC program and how its outcomes relate to leadership. Additionally, you'll explore strategies for teaching and mentoring others. Personal Growth and Behaviors continues to help you think and plan for your future with topics such as personal independence, the importance of personal accountability, and professional development. Team Building continues to build on drills and ceremony protocol. You will look at the tactics for motivating others and how they translate into other areas of leadership. Additionally, you'll explore the elements of a communication model and how to overcome barriers of communication. In Service Learning you will manage a service-learning project within a unit or the entire battalion. You'll be introduced to project management processes and management tools. Citizenship and Government expose you to the challenges that face fundamental principles of society today. You will discuss topics to encourage you, as a citizen, to think about the future of citizen rights. Leadership laboratories for the practical application of learning are a key part of the course.

*Credit: 1 per semester                      Duration: 2 semesters*

*Grade Level: 10, 11, 12*

*Prerequisites: JROTC 5-6*

## BEGINNING MARKSMANSHIP 1-2 070781/2

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, 12*

*Prerequisites: JROTC CADET*

## INTERMEDIATE MARKSMANSHIP 1-2 071051/2

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, 12*

*Prerequisites: BEGINNING MARKSMANSHIP, JROTC CADET*



**ADVANCED MARKSMANSHIP 70791/2**

Further individualized detailed instruction in precision rifle marksmanship techniques. The focus is on developing a precision expert marksman. 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: 11, 12*

*Prerequisites: INTERMEDIATE MARKSMANSHIP, JROTC CADET*

**JROTC COLOR GUARD 070631/2**

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, 12*

## MIXED CHORUS 190221/2

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 the 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: 9, 10, 11, 12*

*Prerequisites: Audition Only*

## HONORS SHOW CHOIR 191331/2

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, 12*

*Prerequisites: Audition Only*

## TREBLE 190311/2

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.

*Credit: 1 per semester      Duration: 2 semesters*

*Grade Level: 9, 10, 11, 12*

## BASS CHORUS 192061/2

This course is open to 9-12th graders who wish to participate in a chorus of bass voices. Basic vocal concepts are stressed through literature that is appropriate for tenor and bass voices. Performance opportunities are included as an extension of the classroom activities including concerts and contests in the Omaha area. Students are required to participate in all scheduled performances.

*Credit: 1 per semester      Duration: 2 semesters*

*Grade Level: 9, 10, 11, 12*

## INTRO TO VOICE 191341/2

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, 12*

### HONORS MUSIC THEORY 190521/2

This course includes the study of fundamental notation, intervals, triads, basic chord structure and principles of voice leading. Students electing this course should have some basic music reading knowledge and advanced interest in the formal study of music. The course is considered to be a pre-college course, which may result in advanced placement in a college music theory program. Additional assignments will be required to receive Honors Credit.

*Credit: 1 per semester      Duration: 2 semesters*

*Grade Level: 9, 10, 11, 12*

**CONCERT BAND 190671/2**

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, 12*

*Prerequisites: None*

**HONORS CONCERT BAND 190681/2**

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, 12*

*Prerequisites: None*

**HONORS COLOR GUARD 191221/2**

The color guard course is considered a principal performing ensemble in the high school instrumental music curriculum. Students will rehearse and perform in the fall and spring semesters through marching band and winter guard. A variety of equipment and techniques are covered in this course, such as: dance/movement, flags, rifles, sabres, and other props. Additional assignments and performances will be required for honors credit. Students are required to participate in scheduled performances. Each semester in this course qualifies for 1 credit of physical education.

*Credit: 1 per semester      Duration: 2 semesters*

*Grade Level: 9, 10, 11, 12*

*Prerequisites: None*

## GUITAR 1-2 191131/2

This course is designed for 9th through 12th grade students with any level of guitar experience. Students will learn the foundation of guitar-playing technique with an emphasis on note-reading. The fundamentals of musicianship and composing music for the guitar will also be taught. In-class performances (alone and in groups) will be the focus of this class. However, one outside-of-class performance per semester is required. Students are encouraged to purchase their own guitar (electronic or acoustic). There are a limited number of instruments available for student use on a need basis only.

*Credit: 1 per semester      Duration: 2 semesters*

*Grade Level: 9, 10, 11, 12*

*Prerequisites: None*

## GUITAR 3-4 191141/2

In this course students will build on the foundation of playing techniques covered in Guitar 1-2. Note reading studies will cover all frets in first position as well as higher positions. Advanced techniques such as right-hand finger style and classical (pima) will be taught. Chord studies will include moveable bar chords. Ear-training and transcribing music for the guitar will also be taught. Students will perform alone and in a variety of ensemble settings including a guitar recital in the spring semester. Students are encouraged to purchase their own guitar (steel or nylon string –no electric guitars). There are a limited number of instruments available for student use on a need basis only.

*Credit: 1 per semester      Duration: 2 semesters*

*Grade Level: 9, 10, 11, 12*

*Prerequisites: Successful completion of Guitar 1-2*

## ORCHESTRA 190851/2

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. The 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, 12*

## HONORS ORCHESTRA 190791/2

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. The 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, 12*

## JAZZ BAND 190591/2

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, 12*



### HONORS JAZZ BAND 190631/2

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, 12*

### MUSIC TECHNOLOGY 190971/2

This course is the perfect blend of technology and music. Students will be introduced to the skills needed in DJ'ing, Creating Sound Effects and Scores for Movies, Controlling Live Sound for Big Events, Creating their OWN music, Studio Recording & Sampling, and Preparing the best audio recording for Podcasting, Demos and Auditions.

*Credit: 1 per semester      Duration: 2 semesters*

*Grade Level: 9, 10, 11, Credit: 1 per semester      Duration: 2 semesters*

*Grade Level: 9, 10, 11, 12*

### TEAM SPORTS 070471/2

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, 12*

### LIFETIME SPORTS 070391/2

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, 12*

### LIFETIME WELLNESS 70191/2

Students will learn about health and nutrition. Knowledge of lifetime wellness and fitness will be covered and emphasized. Activities include but are not limited to: walking, toning, fitness concepts and technology, and orienteering. District mandated Fitnessgram will be administered in pre and post test form.

*Credit: 1 per semester      Duration: 2 semesters*

*Grade Level: 9, 10, 11, 12*

### SPORT OFFICIATING 1-2 070601/2

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, 12*

### LIGHT WEIGHT TRAINING 1-2 070251/2

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, 12*

### WEIGHT TRAINING 1-2 070261/2

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, 12*

### ADVANCED WEIGHT TRAINING 1-2 070281/2

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, 12*

## PE LEADERSHIP 070381/2

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, 12*

*Prerequisites: Teacher Recommendation*

## SWIM/AQUATICS 1-2 070321/2

This course is instruction in American Red Cross aquatics.

*Credit: 1 per semester                      Duration: 2 semesters*

*Grade Level: 9, 10, 11, 12*

## ADVANCED SWIM/AQUATICS 1-2 070341/2

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. Swimming skills must be intermediate to advanced.

*Credit: 1 per semester                      Duration: 2 semesters*

*Grade Level: 10, 11, 12*

## HUMAN GROWTH AND DEVELOPMENT

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 060501/2

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*

## HONORS PHYSICAL SCIENCE 1-2 060351/2

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*

## BIOLOGY 1-2 060411/2

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*

## HONORS BIOLOGY 1-2 060431/2

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*

## AP BIOLOGY 060471/2

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.

*Credit: 1 per semester                      Duration: 2 semesters*

*Grade Level: 10, 11, 12*

*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.*

## CHEMISTRY 1-2 060551/2

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.

*Credit: 1 per semester                      Duration: 2 semesters*

*Grade Level: 10, 11, 12*

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

## HONORS CHEMISTRY 1-2 060561/2

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.

*Credit: 1 per semester                      Duration: 2 semesters*

*Grade Level: 10, 11, 12*

*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.*

## AP CHEMISTRY 1-2 060581/2

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.

*Credit: 1 per semester                      Duration: 2 semesters*

*Grade Level: 10, 11, 12*

*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.*



## PHYSICS 1-2 060601/2

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

*Credit: 1 per semester                      Duration: 2 semesters*

*Grade Level: 10, 11, 12*

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

## HONORS PHYSICS 1-2 060631/2

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.

*Credit: 1 per semester                      Duration: 2 semesters*

*Grade Level: 10, 11, 12*

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

## AP PHYSICS 061661/2

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.

*Credit: 1 per semester                      Duration: 2 semesters*

*Grade Level: 10, 11, 12*

*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 a 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.*

## ENVIRONMENTAL SCIENCE 1-2 060351/2

## ENVIRONMENTAL STUDIE and CLEAN ENERGY AND RESEARCH PATHWAYS

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, Biology 1-2*



## ENVIRONMENTAL WATER TECHNOLOGY 1-2 062311/2

## ENVIRONMENTAL STUDIES PATHWAY

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.

*Credit: 1 per semester      Duration: 2 semesters*

*Grade Level: 11, LEVEL 2*



## INLAND ECOSYSTEMS 1-2 062321/2

## ENVIRONMENTAL STUDIES PATHWAY

This course will develop competencies in the areas of environmental resources from the perspective of local inland ecosystems, scientific investigation, laboratory safety, scientific and technological concepts, and the fundamentals of biotechnology. The course will focus on historical use of inland ecosystems, current uses and impacts on the ecosystem, and explore the future of inland ecosystems.

*Credit: 1 per semester      Duration: 2 semesters*

*Grade Level: 12, LEVEL 3*

*Prerequisites: Environmental Water Tech*



## AP ENVIRONMENTAL SCIENCES 060361/2

## ENVIRONMENTAL STUDIES PATHWAY

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.

*Credit: 1 per semester      Duration: 2 semesters*

*Grade Level: 10, 11*

*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.*



## ANATOMY AND PHYSIOLOGY 1-2 060931/2

## BIOMECHANICS &amp; RESEARCH PATHWAY

Anatomy and Physiology 1-2 enable 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.

*Credit: 1 per semester      Duration: 2 semesters*

*Grade Level: 11, LEVEL 2*

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



## HONORS ANATOMY AND PHYSIOLOGY 060911/2

## BIOMECHANICS &amp; RESEARCH PATHWAY

Anatomy and Physiology 1-2 enable 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*



## PLANTS AND PROPOGATION 061401/2

Plants and Propagation 1-2 will offer a survey of the plant kingdom with an emphasis on the structure and function of higher plants. Students will be required to design and conduct a research project on plant growth. Fundamentals of plant propagation will be introduced and implemented.

*Credit: 1 per semester*      *Duration: 2 semesters*

*Grade Level: 11, 12*

Prerequisites: Physical Science 1-2 and Biology 1-2 or concurrent enrollment in Biology 1-2.

## EARTH SCIENCE 3-4 061061/2

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

*Credit: 1 per semester*      *Duration: 2 semesters*

*Grade Level: 11, 12*

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

## ASTRONOMY 060801

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

*Credit: 1 per semester*      *Duration: 1 semester*

*Grade Level: 11, 12*

Prerequisites: Physical Science 1-2 and Biology 1-2 or concurrent enrollment in Biology 1-2.

## AG &amp; NR Intern 1-2 187201/2

The internship program provides 11th and 12th grade students with individual career experience in the community. The internship is a supplement to formal classroom instruction. Students plan their internship with a teacher-coordinator and participate in a paid or unpaid occupational experience.

*Credit: 1 per semester*      *Duration: 1 or 2 semesters*

*Grade Level: 12*

Prerequisites: Student has taken a previous course within a Sustainability Pathways



## CIVIL DESIGN ENGINEERING 1-2 172561/2

## CIVIL & COMMUNITY ENGINEERING PATHWAY

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. This is a possible dual enrollment course.

*Credit: 1 per semester      Duration: 2 semesters*

*Grade Level: 10, LEVEL 1*



## CIVIL DESIGN ENGINEERING 3-4 172571/2

## CIVIL & COMMUNITY ENGINEERING PATHWAY

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. This is a possible dual enrollment course.

*Credit: 1 per semester      Duration: 2 semesters*

*Grade Level: 11, LEVEL 2*

*Prerequisites: Successful completion of CIVIL DESIGN ENG 1-2*



## CIVIL DESIGN ENGINEERING 5-6 172581/2

## CIVIL & COMMUNITY ENGINEERING PATHWAY

Civil Design Engineering 5-6 is the third course in the Civil Design Pathway. In this advanced course, students will apply technical drawing and design skills developed in the previous courses to specific civil projects and contexts. Collaboration is encouraged between individuals and group participants to expand their problem-solving and critical-thinking skills by assessing the requirements of a project to accomplish realistic planning. Upon completion of this course, proficient students will be able to employ methods of data collection and analysis to provide others with appropriate information for projects and to develop their own designs.

*Credit: 1 per semester      Duration: 2 semesters*

*Grade Level: 12, LEVEL 3*

*Prerequisites: Successful completion of CIVIL DESIGN ENG 3-4*



## ENGR TECH INTERN 1-2 187701/2

The internship program provides 11th and 12th grade students with individual career experience in the community. The internship is a supplement to formal classroom instruction.

*Credit: 1 per semester      Duration: 1 or 2 semesters*

*Grade Level: 12, LEVEL 3*

*Prerequisites: Student has taken a previous course within the Civil & Community Engineering Pathway*



## CLEAN ENERGY 1-2 172701/2

## CLEAN ENERGY RESEACH & DEVELOPMENT PATHWAY

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: , LEVEL 2*



## CLEAN ENERGY 3-4 172711/2

## CLEAN ENERGY RESEARCH & DEVELOPMENT PATHWAY

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: 12, LEVEL 3*

*Prerequisites: Successful completion of CLEAN ENERGY 1-2*





## US HISTORY 1-2 030901/2

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 030911/2

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 030341/2

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*

Prerequisites: Grade of B or higher in Honors Social Studies 8, or A in Social Studies 8, or teacher recommendation; and parent and student signature indicating a full year commitment.

## INTRO TO ECONOMICS 030461

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 030481

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 031011

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 031021

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 030191/2

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*

Prerequisites: Grade of C or higher in AP US History, B or higher in Honors US History, or A in US History, or teacher recommendation; and parent and student signature indicating a full year commitment.

## MODERN WORLD HISTORY 1-2 031381/2

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 030421/2

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*

Prerequisites: Grade of C or higher in AP Human Geography or B in Honors Human Geography, or A in Human Geography, or teacher recommendation; and parent and student signature indicating a full year commitment.

## AMERICAN GOVERNMENT 030251

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

*Credit: 1 per semester      Duration: 1 semester*

*Grade Level: 12*

## AP AMERICAN GOVERNMENT 030261

Advanced Placement United States Government and Politics introduces students to key political ideas, institutions, policies, interactions, roles, and behaviors that characterize the political culture of the United States. The course examines politically significant concepts and themes, through which students learn to apply disciplinary reasoning assess causes and consequences of political events, and interpret data to develop evidence-based arguments. Concurrent enrollment in AP Literature and Composition 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: 1 semester*

*Grade Level: 12*

Prerequisites: Grade of C or higher in AP World History or B in Modern World History; or teacher recommendation.

## AP PSYCHOLOGY 1-2 030641/2

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, 12*

Prerequisites: Grade of C or higher in previous year of an AP social studies requirement, or B in academic level, or teacher recommendation; and parent and student signature indicating a full-year commitment.

## PSYCHOLOGY 030491

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

*Credit: 1 per semester      Duration: 1 semester*

*Grade Level: 9, 10, 11, 12*

## SOCIOLGY 030531

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

*Credit: 1 per semester      Duration: 1 semester*

*Grade Level: 9, 10, 11, 12*

## AFRICAN AMERICAN HISTORY 030521

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, 12*

## LAW AND JUVENILE JUSTICE 030611

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, 12*

## OMAHA HISTORY 030711

Omaha History explores the rich and colorful past of one of America's great cities. From the Native Americans who first settled here, to the diverse ethnic groups who later called this place home, Omaha has possessed a unique, vibrant, and sometimes gaudy history that is full of interesting and inspiring stories of the individuals who have made their marks here. Students also learn about the architecture and cultural institutions that have made the city what it is today.

*Credit: 1 per semester      Duration: 1 semester*

*Grade Level: 9, 10, 11, 12*

## WOMEN'S HISTORY 030951

This course examines the major trends in American women's political, social, and cultural history in the United States. By the end of the course, students will be familiar with how gender has structured family relationships, state policies and politics, cultural expectations, and societal norms. By engaging with a variety of primary, secondary, and theoretical sources, students will learn how to assess and evaluate the role of gender in American history and contemporary society.

*Credit: 1 per semester      Duration: 1 semester*

*Grade Level: 9, 10, 11*

Students with disabilities have a variety of course options at the high school level. The intent is to provide the least restrictive environment for students to participate in the general education setting through strategic interventions, collaborative teaching, and direct instruction. The following special education programs are available in our building:

## Secondary Resource Program

This program serves students with a variety of disabilities. Special education staff provides interventions, accommodation and modifications that support the students' participation and progress in the general curriculum. Students participate in district and state assessments. Students may participate in general education classes that are co-taught and pushed in by a general education teacher and special education teacher. In a co-taught and push in class, both teachers share instructional responsibilities for the students by co-planning, co-instructing, and co-assessing.

## AFFECTIVE SKILLS 090751/2

This course addresses social skills that can be incorporated into the student's daily living. A practical approach with group discussion and classroom participation is emphasized. Students are encouraged to explore problem solving skills, decision making skills, and skills for independence. Communication and positive self-esteem are fostered.

Credit: 1 per semester                      Duration: 2 semesters

Grade Level: 9, 10, 11, 12

Prerequisites: Permission from Department Head

## Alternative Curriculum Program

Students with more severe disabilities may participate in an alternate curriculum focusing on alternative standards and functional living skills. Most instruction for these students is provided by a special education teacher in the core areas with the students participating in general education classes and activities as appropriate. Progress is measured using the state alternate assessment. Students receive a certificate of completion. This program serves students with cognitive disabilities who require instruction focused on functional academic, social, and vocational training. Students participate in this program because of the severity of their disabilities and the amount of support required to meet their individual needs. Students also participate in integrative classes and activities with their general education peers as appropriate and take alternate district and state assessments.

## ENGLISH 9S 1-2 090341/2; ENGLISH 10S 1-2 090351/2; ENGLISH 11S 1-2 090361/2; ENGLISH 12S 1-2 090371/2

This Special Education course is for students in the Alternate Curriculum Program only. Students will learn and apply writing skills and strategies to communicate. This aligns with the Nebraska ELA standards with Extended Indicators. Students participate in the Nebraska Alternate Assessment.

Credit: 1 per semester                      Duration: 2 semesters

Grade Level: 9, 10, 11, 12

Prerequisites: Permission from Department Head

## SCIENCE 9S 1-2 090491/2; SCIENCE 10S 1-2 090521/2; SCIENCE 11S 1-2 090921/2; SCIENCE 12S 1-2 091501/2

*This Special Education course is for students in the Alternate Curriculum Program only. The course includes inquiry, earth, and space, physical, and biology concepts. The main focus is on physical science. Students participate in the Nebraska Alternate Assessment.*

Credit: 1 per semester                      Duration: 2 semesters

Grade Level: 9, 10, 11, 12

Prerequisites: Permission from Department Head



MATHEMATICS 9S 1-2 091041/2; MATHEMATICS 10S 1-2 091051/2; MATHEMATICS 11S 1-2 091061/2;  
MATHEMATICS 12S 1-2 091071/2

This Special Education course is for students in the Alternate Curriculum Program only. Students will communicate number concepts using multiple representations to reason, solve problems, and make connections within mathematics and across disciplines. This included number sense, algebra, geometry, and data. This aligns with College and Career Ready, Math, Standards including the Extended Indicators. It also includes concepts for Personal Finance. Students participate in the Nebraska Alternate Assessment.

*Credit: 1 per semester                      Duration: 2 semesters*

*Grade Level: 9, 10, 11, 12*

*Prerequisites: Permission from Department Head*

SOCIAL STUDIES 9S 1-2 091001/2; SOCIAL STUDIES 10S 1-2 091011/2; SOCIAL STUDENTS 11S 1-2 091021/2; SOCIAL STUDIES 12S 1-2 091031/2

This Special Education course is for students in the Alternate Curriculum Program only. The course focuses on American Government concepts. Students participate in the Nebraska Alternate Assessment.

*Credit: 1 per semester                      Duration: 2 semesters*

*Grade Level: 9, 10, 11, 12*

*Prerequisites: Permission from Department Head*

PERSONAL FINANCE 12S 091638

This Special Education course is for students in the Alternate Curriculum Program only. The course focuses on Personal Finance concepts. Students participate in the Nebraska Alternate Assessment.

*Credit: 1 per semester                      Duration: 1 semester*

*Grade Level: 12*

*Prerequisites: Permission from Department Head*

DAILY LIVING AND FUNCTIONAL LIFE SKILLS 090722

This Special Education course is for students in the Alternate Curriculum Program only. The goal of this course is to develop functional life skills necessary for the student to achieve his/her highest potential in skill development and independence. The following domain areas will be emphasized in this course, functional academics, community, domestic and vocational. Topics covered include the application of math and reading skills in school and community settings, accessing community services and caring for personal needs.

*Credit: 1 per semester                      Duration: 2 semesters*

*Grade Level: 9, 10, 11, 12*

*Prerequisites: Permission from Department Head*

Work Based Learning Program

Work-based experiences foster adult employment success for all youth, particularly for those with disabilities. Exposing youth with disabilities to work-based experiences help them in identifying their career interests in building self-confidence. In addition, it provides an opportunity for them to learn about workplace culture and expectations and to make what they are learning in school more meaningful through real-world applications. This program is designed for high school students who are enrolled in a Special Education program and have earned 24 credits or are 16 years old.

## WORK AWARENESS 090911/2

Alternative Curriculum Program students develop an awareness of the world of work. Students attend worksite in small groups with a paraprofessional. Schedule is arranged with Work-Based Learning Teacher. A great deal of guidance and support provided in this phase.

*Credit: 1 per semester                      Duration: 2 semesters*

*Grade Level: 9, 10, 11, 12*

*Prerequisites: Permission from Department Head*

## WORK BASED LEARNING ON-THE-JOB PLACEMENT 100051/2

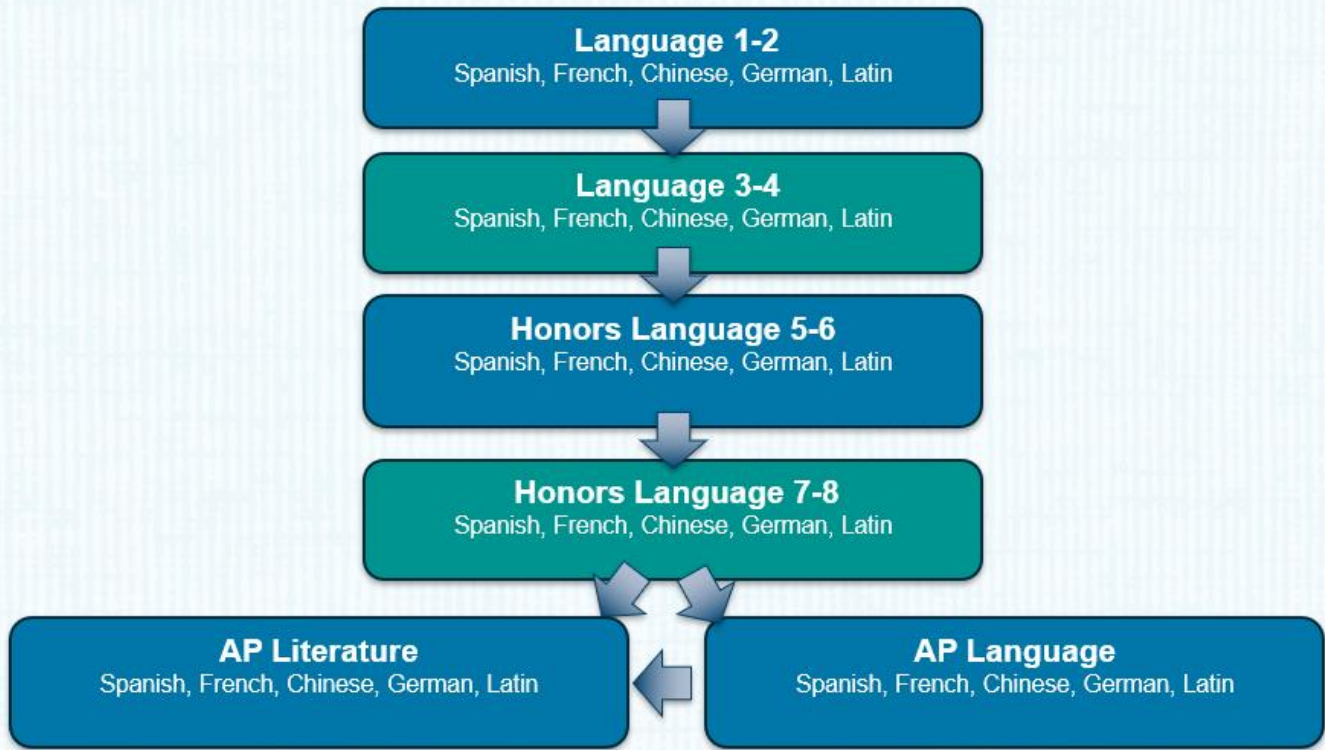
Students in Alternative Curriculum Program or Resource. Elective class for resource students and next phase for ACP who are capable of working somewhat independently at a work site with a certified teacher on site. Students learn basic work skills as well as social and job skills needed to be able to maintain their own jobs. Training takes place during the school day, either 1/2 day in the AP or 1/2 day in the PM. Goal for this phase is to prepare students for competitive employment when the time is right. Students must be 16 years old or junior class standing. An application and teacher recommendation are needed. Students earn 3 credits per semester if all requirements are met.

*Credit: 3 per semester                      Duration: 1- 2 semesters*

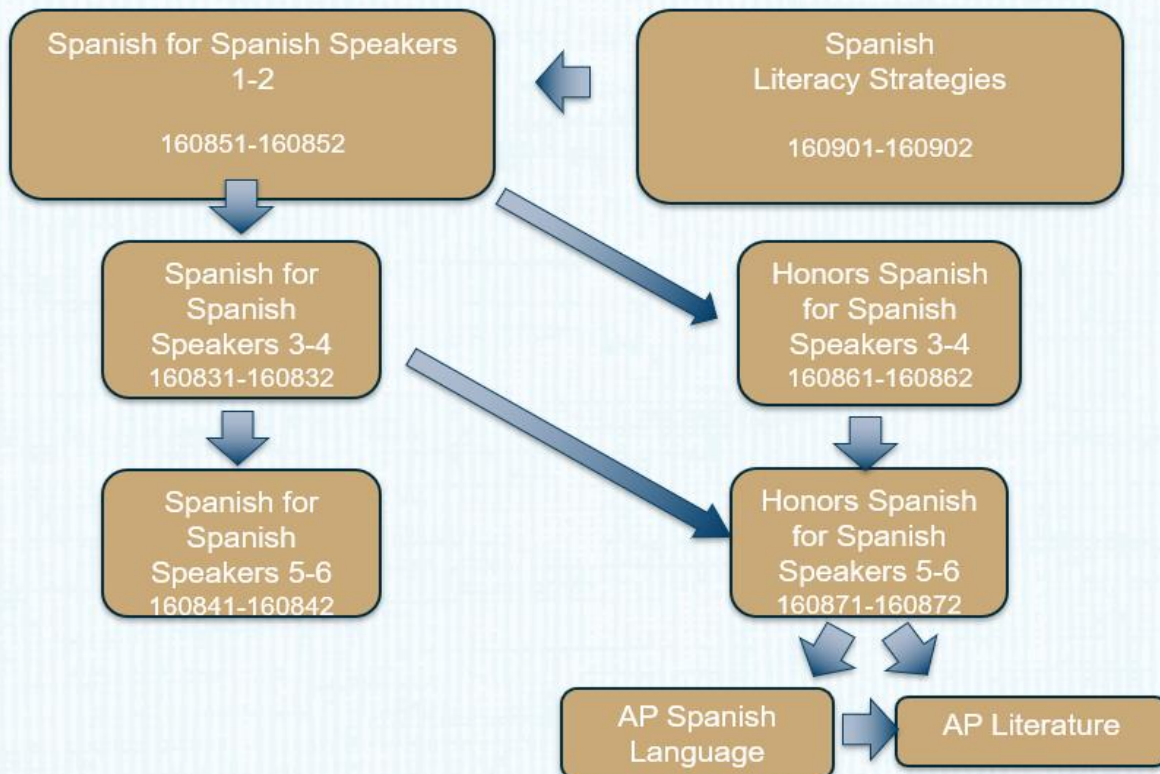
*Grade Level 11, 12*

*Prerequisites: Permission from Department Head*

# High School World Languages Course Sequence



## High School World Languages Course Sequence



## SPANISH 1-2 160501/2

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, 12*

## SPANISH 3-4 160511/2

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, 12*

## HONORS SPANISH 5-6 160551/2

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, 12*

## HONORS SPANISH 7-8 160561/2

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, 12*

## AP SPANISH 160581/2

The AP Spanish Language and Culture course emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The AP Spanish Language and Culture course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the student of language and culture, the course is taught almost exclusively in Spanish. The AP Spanish Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products (e.g., tools, books, music, laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions). 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, 12*

## SPANISH FOR SPANISH SPEAKER 1-2 160851/2

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, 12*

## HONORS SPANISH FOR SPANISH SPEAKER 3-4 160861/2

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, 12*

## HONORS SPANISH FOR SPANISH SPEAKER 5-6 160871/2

This course is a continuation of Honors Spanish for Spanish Speakers 3-4 and is designed for students with above average Spanish literacy skills. 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. Students are strongly encouraged to take this course to prepare for AP Spanish Language and/or Literature.

*Credit: 1 per semester*

*Duration: 2 semesters*

*Grade Level: 10, 11, 12*

## FRENCH 1-2 160301/2

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, 12*

## FRENCH 3-4 160311/2

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, 12*

## HONORS FRENCH 5-6 160351

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, 12*

## HONORS FRENCH 7-8 160361/2

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, 12*

## AP FRENCH 160381/2

The AP French Language and Culture course emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The AP French Language and Culture course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the student of language and culture, the course is taught almost exclusively in French. The AP French Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products (e.g., tools, books, music, laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions). 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, 12*



## CHINESE 1-2 161901/2

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, 12*

## CHINESE 3-4 161891/2

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, 12*

## HONORS CHINESE 5-6 161881/2

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, 12*

## HONORS CHINESE 7-8 161871/2

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, 12*

## ONE OPPORTUNITY. LIMITLESS POSSIBILITIES.

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

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 nonfictional 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.

#### DIVISION II

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 nonfictional religion/philosophy)
3 years	2 years	2 years	3 years	2 years	4 years

### 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](https://on.ncaa.com/COVID19_Spring2023).

# NCAA

## GRADE 9 REGISTER

- » **Start planning now!** Register for a free Profile Page account at [eligibilitycenter.org](https://eligibilitycenter.org) for information on NCAA initial-eligibility requirements.
- » Find your high school's list of NCAA-approved core courses at [eligibilitycenter.org/courselist](https://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](https://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](https://on.ncaa.com/COVID19_Spring2023).

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

$$4 \times 4 = 16$$

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

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

**4 CORE COURSES**

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

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

**4 CORE COURSES**

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

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

**4 CORE COURSES**

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

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

**4 CORE COURSES**

### 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](https://ncaa.org/studentfaq)

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

<b>ENGLISH</b>	<b>MATH</b> (Algebra I or higher)	<b>SCIENCE</b> (Including one year of lab, if offered)	<b>ADDITIONAL</b> (English, math or science)	<b>SOCIAL SCIENCE</b>	<b>ADDITIONAL COURSES</b> (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](https://on.ncaa.com/COVID19_Spring2023).*

## CORE-COURSE LIST

Find your high school's list of NCAA-approved core courses at [eligibilitycenter.org/courselist](https://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](https://eligibilitycenter.org) before your freshman year of high school. Visit [on.ncaa.com/RegChecklist](https://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](https://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 (May area listed to the left, world language or nonacademic 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](https://on.ncaa.com/COVID19_Spring2023).

 DIVISION II  
**MAKE IT *YOURS***





# NCAA DIVISION II

## 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](https://on.ncaa.com/COVID19_Spring2023).*

## CORE-COURSE LIST

Find your high school's list of NCAA-approved core courses at [eligibilitycenter.org/courselist](https://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](https://eligibilitycenter.org) before your freshman year of high school. Visit [on.ncaa.com/RegChecklist](https://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.
- » For more information on Division II, visit [ncaa.org/D2](https://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](https://ncaa.org/playcollegesports).

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