



**Northwest High  
Course Guide  
2025-2026**



## Northwest High

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Omaha, NE 68134

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## History

Completed in 1971, Northwest High occupies a 61-acre campus in northwest Omaha, NE. Our school added several classrooms and improved choral and band facilities in 2004. Renovations in 2018-19 added a new atrium entrance, office areas, updated classrooms and a second practice gym.

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 ([equityanddiversity@ops.org](mailto:equityanddiversity@ops.org)), 3215 Cuming St, Omaha, NE 68131 (531-299-0307).

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# Mission

The mission of Northwest High, a Community of Learners, is to provide educational opportunities which enable all students to achieve and lead in academic success.

## Freshman Academy Mission

The mission of the Northwest High Freshman Academy is to provide and nurture the knowledge, skills, and attitudes for a successful transition into high school and encourage life-long learning through exploration of career pathways, college readiness, and civic responsibilities.

## Early College Mission

The Early College program gives students within the Northwest high community the opportunity to earn up to a Liberal Arts Transfer Associate of Arts degree during their high school experience.

## Pathway Mission

Prepare students for the future by incorporating work-based learning, practical problem solving, and elevated expectations through the expansion of ca-

# Vision

Every student. Every day. Prepared for success.



# Principal's Greeting

Hello Husky Nation,

Northwest High, where every student is supported in pursuing their best future. We believe that the relationships established by teachers, staff, and school administrators with each other, students, parents, and the community are a key in the successful development of our students. Our dedicated teachers and staff provide an atmosphere of respect and care that creates a balanced focus and addresses not only the academic needs of our students, but their social and emotional needs as well. Our goal is to facilitate an experience for every student that they can look back on with pride, knowing the honor that comes with being a Husky! Thank you for your continued partnership and support. Go Huskies!



## **Administrators**

Dr. Kimberly N. Jackson  
*Principal*

Dr. Panyoua N. Yang  
*Assistant Principal: Data Processor*

Andrew Webb  
*Assistant Principal: Athletic Director*

Kristopher Kahlandt  
*Assistant Principal: Activities Director,  
12th Grade*

Dr. Tyrie Fant  
*Dean of Students—11th Grade*

Keli Reid  
*Dean of Students—10th Grade*

Nicholas Lovell  
*Dean of Students—9th Grade*

## **Curriculum Specialists**

Teresa Bender  
Olivia Bishop  
Michele Rivera  
Zachary Simon

## **Special Education**

Jill Lewis  
*Department Head*


## **Counselors**

Jennifer Rotherham  
*Director of School Counseling*

Dr. Don Ferree  
*Records*

Julie Betterton  
Kathryn McQueen-Eichmann  
Jennifer Peterson  
Minnie Weller

# Portrait of a Graduate



## Portrait of a Graduate

**OMAHA**<sup>+</sup>  
Public  
Schools



### Collaborator

Demonstrates the ability to work interdependently with diverse perspectives to promote learning and achieve common goals.



### Communicator

Communicates with purpose and intent in a variety of modes and formats through effective reading, writing, listening and speaking skills.



### Critical Thinker

Exhibits the ability to reason through and weigh evidence to make complex decisions.



### Innovator

Generates, invests in and shares ideas and solutions.



### Civic & Global Contributor

Understands, embraces and participates in open dialogue regarding diverse issues that impact their community and an inclusive world.



### Resilient Achiever

Overcomes obstacles and recognizes the need to continue growth through perseverance.

# Graduation Requirements



## Omaha Public Schools Graduation & College Entrance Requirements

\* Class of 2024, 2025, 2026

SUBJECT	OPS GRADUATION REQUIREMENTS	COLLEGE ENTRANCE REQUIREMENTS*
	CREDITS	YEARS
ENGLISH	<b>8 CREDITS</b>	<b>4 years</b>
	Grade 9 – English 1 & 2	Fulfilled by OPS requirements
	Grade 10 – English 3 & 4	
	Grade 11 – English 5 & 6	
SOCIAL STUDIES	<b>7 CREDITS</b>	<b>3 years</b>
	Grade 9 – U.S. History 1 & 2	Fulfilled by OPS requirements
	Grade 10 – Human Geography & Intro to Economics	
	Grade 11 – World History 1 & 2	
MATHEMATICS	<b>6 CREDITS</b>	<b>3 years</b>
	Grade 9 – Math as Recommended	Algebra 1-2, Geometry 1-2, Algebra 3-4,
	Grade 10 – Math as Recommended	UNL – One additional year of math beyond Algebra 3-4
	Grade 11 – Math as Recommended	
SCIENCE	<b>** 6 CREDITS</b>	<b>3 years</b>
	Grade 9 – Physical Science 1 & 2	Fulfilled by OPS requirements
	Grade 10 – Biology 1 & 2	UNL, UNO, UNK – 2 years must be selected from
	Grade 11 – Science Elective	Biology, Chemistry, Physics, or Earth Science
PHYSICAL EDUCATION	<b>4 CREDITS</b>	
HUMAN GROWTH & DEVELOPMENT	<b>1 CREDIT</b>	<b>N/A</b>
PERSONAL FINANCE	<b>1 CREDIT</b>	
	Grade 12 – Personal Finance	
ELECTIVES	<b>16 CREDITS</b>	
	Consider education plans and interests	
WORLD LANGUAGE	<b>N/A</b>	<b>2–3 years</b> of the same language
TOTAL	<b>49 CREDITS REQUIRED</b>	
	For all OPS High Schools	

### RECOMMENDED ON TRACK INDICATORS

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

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

### \*NEBRASKA COLLEGE ENTRANCE REQUIREMENTS:

Metro Community College and other Nebraska Community Colleges – Proof of graduation from an accredited high school.

Nebraska State College System – Chadron, Peru, Wayne – Proof of graduation from an accredited high school.

University of Nebraska System – UNO, UNL, UNK (in line with NCAA requirements) – See your OPS District Student Handbook

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

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

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

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# Graduation Requirements



## Omaha Public Schools Graduation & College Entrance Requirements

\* Starts with Class of 2027

	OPS GRADUATION REQUIREMENTS	COLLEGE ENTRANCE REQUIREMENTS*
SUBJECT	CREDITS	YEARS
ENGLISH	8 CREDITS Grade 9 – English 1 & 2 Grade 10 – English 3 & 4 Grade 11 – English 5 & 6 Grade 12 – English 7 & 8	4 years Fulfilled by OPS requirements
SOCIAL STUDIES	7 CREDITS Grade 9 – U.S. History 1 & 2 Grade 10 – Human Geography & Intro to Economics Grade 11 – World History 1 & 2 Grade 12 – American Government	3 years Fulfilled by OPS requirements
MATHEMATICS	6 CREDITS Grade 9 – Math as Recommended Grade 10 – Math as Recommended Grade 11 – Math as Recommended	3 years Algebra 1-2, Geometry 1-2, Algebra 3-4, UNL – One additional year of math beyond Algebra 3-4
SCIENCE	** 6 CREDITS Grade 9 – Physical Science 1 & 2 Grade 10 – Biology 1 & 2 Grade 11 – Science Elective	3 years Fulfilled by OPS requirements UNL, UNO, UNK – 2 years must be selected from Biology, Chemistry, Physics, or Earth Science
PHYSICAL EDUCATION	4 CREDITS	
HUMAN GROWTH & DEVELOPMENT	1 CREDIT	
PERSONAL FINANCE	1 CREDIT Grade 12 – Personal Finance	
COMPUTER SCIENCE AND TECHNOLOGY	1 CREDIT	
ELECTIVES	15 CREDITS <i>Consider education plans and interests</i>	
WORLD LANGUAGE	N/A	2–3 years of the same language
TOTAL	49 CREDITS REQUIRED <i>For all OPS High Schools</i>	

### RECOMMENDED ON TRACK INDICATORS

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

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16834 – Northwest

# Course Planner

## 9th Grade

Semester 1	Semester 2
<u>English 1 (H)</u>	<u>English 2 (H)</u>
<u>US History 1 (H)</u>	<u>US History 2 (H)</u>
<u>Math: Recommended Level</u>	<u>Math</u>
<u>Physical Science 1 (H) or Biology 1 (H)</u>	<u>Physical Science 2 (H) or Biology 2 (H)</u>
Freshman Seminar	Freshman Seminar
Elective:	Elective:
Elective:	Elective:

## 10th Grade

Semester 1	Semester 2
<u>English 3 (H)</u>	<u>English 4 (H)</u>
<u>Intro to Economics (H)</u>	<u>Human Geography (H)</u>
<u>Math: Recommended-</u>	<u>Math</u>
<u>Biology 1 (H) or Sci-</u>	<u>Biology 2 (H) or</u>
<u>Human Growth (H)</u>	<u>Elective: Computer</u>
Pathway Elective:	Pathway Elective:
Elective:	Elective:

## 11th Grade

Semester 1	Semester 2
<u>English 5 (H)</u>	<u>English 6 (H)</u>
<u>World History 1 (H)</u>	<u>World History 2 (H)</u>
<u>Math: Recommended-</u>	<u>Math</u>
<u>Science Elective:</u>	<u>Science Elective:</u>
Pathway Elective:	Pathway Elective:
Elective:	Elective:
Elective:	Elective:

## 12th Grade

Semester 1	Semester 2
<u>English 7 (H)</u>	<u>English 8 (H)</u>
<u>Government (H)</u>	<u>Personal Finance (H)</u>
Pathway Elective:	Pathway Elective:
Elective:	Elective:
Elective:	Elective:
Elective:	Elective:
Elective:	Elective:

\*Underlined courses signify graduation requirements

# College & Career Readiness



## AVENUE SCHOLARS

Avenue Scholars provides comprehensive, individualized support services to help Omaha-area students identify, prepare for, and ultimately enter financially sustaining, high-demand careers requiring an associate degree or less. Programming begins in the student's junior year of high school and continues uninterrupted through postsecondary training and for six months following career entry. Eligibility is based on financial need (eligibility for free or reduced-price school lunches or a federal Pell Grant), interest in pursuing a high-demand career requiring an associate degree or less, and attendance at an AS partner high school.

Each student is assigned a Career Coach at both the high school and postsecondary/ career levels of the program to guide their personal and career-related development during the junior and senior years of high school (High School Career Coach) and during postsecondary training and into career entry (Postsecondary Career Coach). Students attending MCC also receive support from MCC College Success Navigators, who assist students with college-related issues (course enrollment, financial aid, academic support, etc.). Additionally, Avenue Scholars' Business Outreach Team engages area businesses to provide career awareness, exploration, and employment opportunities, while its Student Support Team provides individualized support to help students address basic life and social/ emotional needs.

## Dual Enrollment

Dual Enrollment provides high school students the opportunity to take college-credit bearing courses taught by college-approved high school teachers in the student's home high school building. Eligible courses allow students to earn high school credit and college credits towards their transcript the same time. Omaha Public Schools partners with Metropolitan Community College (MCC) and University of Nebraska at Omaha (UNO) to provide dual enrollment opportunities in Advanced Placement (AP), Career Education and Pathway courses.

## Advanced Placement (AP)

The Advanced Placement (AP) program offers high school students the opportunity to take college level courses in a high school setting. For over fifty years, students in the school district have participated in the AP program, not only to gain higher-level academic skills, but also to earn college credit while still in high school. Successful completion of AP Exams offers student the opportunity to earn advanced academic college credit. Participation in the AP program gives students college level experience while still in high school.



**JAG | NE**

**JOBS for AMERICA'S GRADUATES NEBRASKA**  
In Association with United Way of the Midlands

JAG Nebraska is available to all young

people who need, want or can benefit from the program. Certified Career Specialists teach a minimum of 37 skills that are valued in the workplace and community. The JAG curriculum prepares students for future job success by:

Building relationships with local employers

- Receiving career and technical education
- Participating in hands-on experiences
- Developing leadership and life skills
- Learning civic and social responsibility
- Joining in student-led activities



# General Information

## REGISTRATION GUIDELINES

Students register in the spring for the following year. A student will have two opportunities to select courses with the assistance of their counselor.

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

Course registration changes for the following year will be made with administrative consultation.

Course changes are only permitted under the following conditions:

1. If a credit was recovered during Next Level Learning (summer school).
2. If the student needs an additional course to meet graduation requirements.
3. If a conflict in the schedule cannot be adjusted without dropping or changing a course.
4. If a student has a study hall and would prefer to have a class.
5. If a student has an empty or blank schedule.
6. If a student has their own transportation and is requesting class release.

Students will not be allowed to alter their schedule during the semester. Dropping a course after the third week of a semester will result in a grade of "F" which is included in grade point average calculations. Requests to drop a course should be initiated by the student or parent to the counselor and administrator.

## COURSE PLACEMENT APPEALS

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

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

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

**Level Two:** Executive Director Secondary Education

If the course placement appeal is not resolved at Level One and the individual still wishes to pursue the appeal, they may formalize the appeal in writing, addressed to the Executive Director Secondary Education at 3215 Cuming Street, Omaha, NE 68131.

**Level Three:** Chief Academic Officer

If the appeal is not resolved at Level Two and the individual still wishes to pursue the appeal, they may formalize the appeal to the superintendent of schools after receiving a written response from the Executive Director Secondary Education.

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

# General Information

## CREDIT RECOVERY GUIDELINES

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

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

## GRADE POINTS

Grade points earned for each course are awarded as follows:

Grade	Grade Points Awarded
A	4 (or 5 for Honors/AP)
B	3 (or 4 for Honors/AP)
C	2 (or 3 for Honors/AP)
D	1 (or 2 for Honors/AP)
F	0

## HONORS CLASSES

Northwest High offers Honors classes and Advanced Placement® courses which are designed to challenge students beyond the traditional course of study. The classes demand additional reading, research and writing which helps prepare students for college. The classes require additional study time, individual initiative, and high academic skills. Honors Classes carry weighted grades points.

# General Information

## HONOR ROLL

Honor Roll is awarded on a semester basis. Each student has eight opportunities to be an Honor Roll student. Honor Roll is based on the current semester's grade point average. The minimum semester grade point average required to earn Honor Roll is 3.0.

Honor Roll: 3.0-3.49

High Honor Roll: 3.5-3.9

High Honor Roll w/Distinction: 4.0+

## ACADEMIC LETTER

The prestigious Academic Letter is awarded for academic excellence. The Academic Letter encourages students to maintain a high GPA while taking advantage of the extensive curriculum offered at Northwest High. The Academic Letter is based on cumulative class rank and cumulative grade point average. Sophomore, junior and senior students are eligible for this honor. Academic Letter eligibility is determined at the end of the first semester of each school year. To be eligible for an Academic Letter, a sophomore, junior, or senior, must rank in the top ten percent (10%) of their class.



# 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).
  - b. 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.

# Freshman Academy



At Northwest there are three Husky Houses as part of the Freshman Academy. Every Freshman is required to be in an academy where house members will share the same core teachers. This will help ease the transition from teamed scheduling in Middle School plus benefit students as their teachers can collaborate and find best practices to support the students in their house. As part of the Freshman Academy, every student will be enrolled in a Freshman Seminar course.

**Alaskan  
Malamute**

**Mackenzie  
River**

**Siberian  
Husky**

## **181301 Freshman Seminar**

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.

*Duration: 2 semesters*

*Credits: 1 per semester*

# Early College

**Mission Statement:** The Early College Program gives students within the Northwest High community the opportunity to earn up to a Liberal Arts Transfer Associate of Arts Degree during their high school experience.

**Earn a transfer degree** through [Metropolitan Community College](#) while you earn your high school diploma!  
**Open to all qualified Omaha Public Schools students** who:

- Choose Northwest High in their 9th grade selection and attend Northwest to be a part of the Early College program.
- Display appropriate behavior and school attendance.

**Application opens** on November 30, 2023. **Students must login with their OPS Office 365 account.**

- Thank you for your interest in the Northwest High Early College Program!
- You must also choose Northwest High as your first choice in high school selection to be considered for admission into the Early College Program.
- Completion of this application does not guarantee your admission into Northwest High or the Early College Program.

## **Frequently Asked Questions:**

- Who can apply? Any Omaha Public School student who will be entering 9th grade.
- How do I apply? Choose Northwest High as first choice in high school selection and complete the application available on the Northwest website.
- Where is the Early College Program located? The Early College Program is located at Northwest High and Metropolitan Community College. You must attend Northwest High to be enrolled in the Early College Program.
- Is there a cost to participate? There is not a cost.
- What courses will be required to complete? Please refer to the sample schedules link below.
- Will transportation be provided for students within the Early College Program? Transportation will be provided based on the guidelines of the Omaha Public School student assignment plan.
- Will I be required to complete any additional courses? Students who enter the Early College Program in 9th grade and continue through graduation will not be required to take additional courses to fulfill Northwest graduation requirements or the associate degree if they follow the four-year plan.
- What are my options if I discover the Early College Program is not for me? Application to the Early College Program should be considered a commitment through graduation. Since students are dual enrolled through MCC, students must complete an entire school year in the program to earn college credits. If your goals change, students should see their high school counselor.
- If I participate in the Early College Program will I still be able to take Advanced Placement courses? Early College participants may still elect to take Advanced Placement courses.
- How does successful completion of the Liberal Arts Transfer Associate of Arts Degree impact entrance into a bachelor's degree granting college? The degree strengthens foundation skills, provides broad understanding, and develops thinking skills as students prepare for advanced sequences of courses at four-year institutions.
- Will the Liberal Arts Transfer Associate of Arts Degree transfer to other colleges or universities? Metropolitan Community College has transfer agreements in place with a variety of colleges and institutions. The Transfer Nebraska and Transferology web tools available at Metropolitan Community College Transfer Center ([mccneb.edu](http://mccneb.edu)) help students explore transfer options locally, regionally, and nationally.





# Early College



Northwest  
High  
**EARLY  
COLLEGE**



Sample Student Schedules (actual schedules may vary)

9<sup>th</sup> Grade – at Northwest

	Course Title(s)	OPS Grad Credit	MCC LATAA Credit
1	English 1-2	2	
2	AP US History 1-2 (HIST 1010)	2	4.5
3	Math	2	
4	OPS Physical Science or Biology* (BIOS 1010)	2	6*
5	Freshman Seminar	2	
6	Physical Education 1-2 Or JROTC 1-2	2	
7	World Language	2	
8	Elective	2	

10<sup>th</sup> Grade – at Northwest

	Course Title(s)	OPS Grad Credit	MCC LATAA Credit
1	English 3-4	2	
2	AP Human Geography (GEOG 1050)	2	4.5
3	Math	2	
4	Intro to Econ (1 sem) Human Growth (1 sem)	1 1	
5	OPS Elective Science or Biology* (BIOS 1010)	2	6*
6	Physical Education 1-2 Or JROTC 1-2	2	
7	World Language	2	
8	Elective	2	

SS	Exploratory Studies (EXPL 1000) Summer Bridge Course Before 11 <sup>th</sup> Grade	1	4.5
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11<sup>th</sup> Grade – at Metro

	Course Title(s)	OPS Grad Credit	MCC LATAA Credit
1	Introduction to Short Stories (ENG 2460)	1	4.5
2	World Civilization Pre 1500 (HIST 1110)	1	4.5
3	World Civilization 1500 to Present (HIST 1120)	1	4.5
4	Comp I (ENGL 1010)	1	4.5
5	Public Speaking (COMS 1110)	1	4.5
6	College Algebra (MATH 1315) or Statistics (MATH 1410)	1	4.5
7	Applied Physics (PHYS 1010)	1	4.5
8	Student Choice Elective	1	4.5

12<sup>th</sup> Grade – at Metro

	Course Title(s)	OPS Grad Credit	MCC LATAA Credit
1	COMP II (ENGL 1020)	1	4.5
2	Introduction to Literature (ENGL 2450)	1	4.5
3	American National Government (POLS 2050)	1	4.5
4	College Chemistry (CHEM 1010)	1	6
5	Personal Finance (FINA 1000)	1	4.5
6	Sociology (SOCI 1010)	1	4.5
7	Communication in Small Groups (COMS 1220)	1	4.5
8	MATH TBD	1	4.5
9	Optional Student Choice Elective	1	4.5

# Pathways





911 Dispatch		
Grade	Required Pathway Classes	Suggested Electives
9	Freshman Seminar	Anatomy and Physiology  Chemistry  JROTC Leadership Academy  Physics
10	Foundations of Healthcare Intro to Medical Terminology	
11	Psychology Sociology	
12	Emergency Dispatch 911	



## Emergency Medical Technician

Grade	Required Pathway Classes	Suggested Electives
9	Freshman Seminar	Anatomy and Physiology Chemistry Family Living Forensic Science Intro to Child Development JROTC Leadership Academy Physics Sociology
10	Foundations of Healthcare Intro to Medical Terminology	
11	Principles of Emergency Services Psychology	
12	Safety & Health for Emergency Services 1 & 2	



Fire Science		
Grade	Required Pathway Classes	Suggested Electives
9	Freshman Seminar	Anatomy and Physiology Chemistry Family Living Forensic Science Intro to Child Development JROTC Leadership Academy Physics Sociology
10	Foundations of Healthcare Intro to Medical Terminology	
11	MCC Fire Science Tech 1 & 2 OR Principals of Emergency Services Psychology	
12	MCC Fire Science Tech 3 & 4 OR Safety and Health for Emergency Services	



<b>Criminal Justice</b>		
Grade	Required Pathway Classes	Suggested Electives
9	Freshman Seminar	Anatomy and Physiology Family Living Forensic Science JROTC Leadership Academy Physics Psychology Sociology
10	Law & Public Safety Law & Juvenile Justice	
11	Intro to Criminal Justice Intro to Corrections	
12	Police & Society Reporting Techniques for Criminal Justice	





Forensic Science		
Grade	Required Pathway Classes	Suggested Electives
9	Freshman Seminar	Anatomy and Physiology Chemistry JROTC Leadership Academy Physics Psychology Sociology
10	Forensics 1 & 2	
11	Forensics 3 & 4	
12	Forensics 5 & 6	



Pre-Law		
Grade	Required Pathway Classes	Suggested Electives
9	Freshman Seminar	Forensic Science JROTC Leadership Academy MCC Business Math Psychology Sociology
10	Law & Public Safety Law & Juvenile Justice	
11	Trial Practice & Advocacy Evidence	
12	H Business Law Legal Research	



## Audio Video Production

Grade	Required Pathway Classes	Suggested Electives
9	Freshman Seminar	Computer Graphic Design Creative Writing Digital Journalism Entrepreneurship MCC Business Math Performing and Fine Arts Photojournalism Visual Arts H Yearbook
10	Digital Media Audio Video Foundations	
11	Audio Video Production 1 & 2	
12	Audio Video Production 3 & 4	



Cybersecurity		
Grade	Required Pathway Classes	Suggested Electives
9	Freshman Seminar	Forensic Science JROTC Leadership Academy Psychology
10	Foundations of Computing 1 & 2	
11	H Cybersecurity 1 & 2	
12	H Cybersecurity 3 & 4	



## Energy Systems Technology

Grade	Required Pathway Classes	Suggested Electives
9	Freshman Seminar	Energy and Power Foundations 1 & 2  MCC Technical Math  Physics
10	Energy and Power 1 & 2	
11	Energy and Power 3 & 4	
12	Energy and Power 5 & 6 (MCC South Campus)	



## Natural Resource Science and Management

Grade	Required Pathway Classes	Suggested Electives
9	Freshman Seminar	Chemistry Earth Science Photo Journalism Plants & Propagation Sociology
10	Environmental Science	
11	Environmental Water Technology	
12	Natural Resource Management	





Public Health		
Grade	Required Pathway Classes	Suggested Electives
9	Freshman Seminar	Anatomy & Physiology Chemistry Environmental Science Digital Journalism Photo Journalism Psychology Sociology
10	Foundations of Healthcare Intro to Medical Terminology	
11	Public Health 1-2	
12	Epidemiology & Disease Prevention 1-2	



Teaching as a Profession		
Grade	Required Pathway Classes	Suggested Electives
9	Freshman Seminar	Digital Journalism Family Living Intro to Child Development JROTC Leadership Academy Psychology Sociology Visual Arts
10	Lifespan Development Principles of Education and Training	
11	Best Practices in Education 1-2	
12	Field Experience in Education 1-2	

# Art

**Elective Courses:** All courses count toward elective credit graduation requirements.

## **110211/110212 ART FOUNDATIONS 1 & 2 (Formerly Art 1-2)**

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

*Duration: 2 semesters*

*Credit: 1 per semester*

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

## **110251/110251 INTERMEDIATE DRAWING AND PAINTING 1 & 2 (Formerly Art 3-4)**

This course offers an expansion of skills and knowledge of drawing and design concepts, and further exploration of techniques and media, including watercolor and/or acrylic painting. Students will explore aesthetic issues, examine and discuss historically important art works from a variety of cultures, using the language of art criticism. In addition to art production, students will use a variety of learning strategies including reading, analyzing and responding to develop a deeper understanding of art.

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

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 10,11,12*

## **110281/110252 H STUDIO ART 1 & 2 (Formerly Art 5-6)**

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

*Prerequisites: successful completion of Art 3-4 with a B or better in both semesters and instructor approval.*

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 11,12*

## **110341/110342 H ART 7 & 8**

This course is a culmination of a sequential art experience for twelfth grade students. It provides selected students the opportunity to individualize projects to enhance their own styles in one or more media, while further exploring the philosophical and historical aspects of art. Honors requirements are: attend formal exhibits and submit exhibit reviews/critiques; write an in-depth research papers; complete written abstracts about artists and their work; refine individual work for exhibition and/or competition each semester; complete a comprehensive portfolio of their work; and keep a drawing and reflection sketchbook.

*Prerequisite for this course is successful completion with a B or better in Art 5-6 or instructor approval based on portfolio review.*

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 12*

# Art

**Elective Courses:** All courses count toward elective credit graduation requirements.

## **110481 ART APPRECIATION**

This course surveys art from prehistory through contemporary times. Its focus includes various non-Western cultures as well as art of Western cultures. Emphasis is on developing understanding of art in its historical and cultural contexts and identifying universal themes and purposes for creating. Art production may be integrated into the course on occasion, but not central to it. Students will also learn to distinguish between personal preferences and informed evaluation when examining art works; utilize art vocabulary and apply the critical process.

*Prerequisites: None*

*Duration: 1 semester*

*Credit: 1 per semester*

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

## **110461/110462 BEGINNING CERAMICS AND SCULPTURE 1 & 2 (Formerly Pottery 1-2)**

This course explores hand-built pottery techniques in terms of form, function and cultural expression. A background in drawing, design and color is recommended. In addition to art production, students will use a variety of learning strategies including reading, analyzing and responding to develop a deeper understanding of art. Students will learn about pottery produced by artisans from various cultures and times, and use the critical process to evaluate their own work, as well as examples taken from art history.

*Duration: 2 semesters*

*Credit: 1 per semester*

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

## **110471/110472 INTERMEDIATE CERAMICS AND SCULPTURE 1 & 2 (Formerly Pottery 3-4)**

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

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

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 10,11,12*

## **110651/110652 H POTTERY 3 & 4**

This course offers serious art students an expansion of skills and knowledge of skills and knowledge of hand built and wheel throwing skills and finishing techniques. 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.

*Prerequisite for this course is successful completion of Pottery 1-2 with a grade of B or better or instructor permission.*

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 10,11,12*

# Art

**Elective Courses:** All courses count toward elective credit graduation requirements.

## **110691/110692 H POTTERY 5 & 6**

This course is an advanced, individualized course providing selected students an opportunity to individualize projects, enhancing their style in the medium while further exploring the philosophical and historical aspects of clay art. Focus is on creating a series of clay pieces on a chosen theme, researching ceramic history or artists, keeping a pottery journal/sketchbook, becoming current with contemporary ceramic artists and styles, participating in workshops, and mixing glazes. Requirements for Honors credit include independent research; in-depth art critiques; weekly sketchbook/journal entries; gallery and/or museum visits with reflections; development of and production of clay works based on research and reflection of master ceramic artists; formal presentation of research, influence, artistic process and work.

*Prerequisite for this course is successful completion of Pottery 3-4 with a grade of B or better or instructor permission.*

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 11, 12*

## **110791/110792 POTTERY 7 & 8**

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

*Prerequisite for this course is successful completion of Pottery 5-6 or instructor permission.*

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 12*

## **110561/110562 COMPUTER GRAPHIC DESIGN 1 & 2**

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

*Duration: 2 semesters*

*Credit: 1 per semester*

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

## **110571/110572 COMPUTER GRAPHIC DESIGN 3 & 4**

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

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

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 10, 11, 12*

## **110581/110582 COMPUTER GRAPHIC DESIGN 5&6**

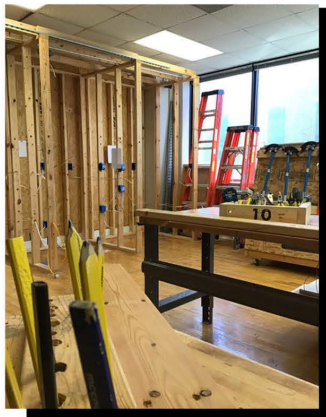
This is a third-year advanced course in computer graphics with emphasis on individual student projects in commercial art and design. This is the second semester of a yearlong course. Prerequisite for the course is successful completion of Computer Graphic Design 3-4.

*Duration: 2 semesters    Credit: 1 per semester    Grade Level: 10, 11, 12*

# Career Center



# 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.

**DISCOVER YOUR  
FUTURE!**

## 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

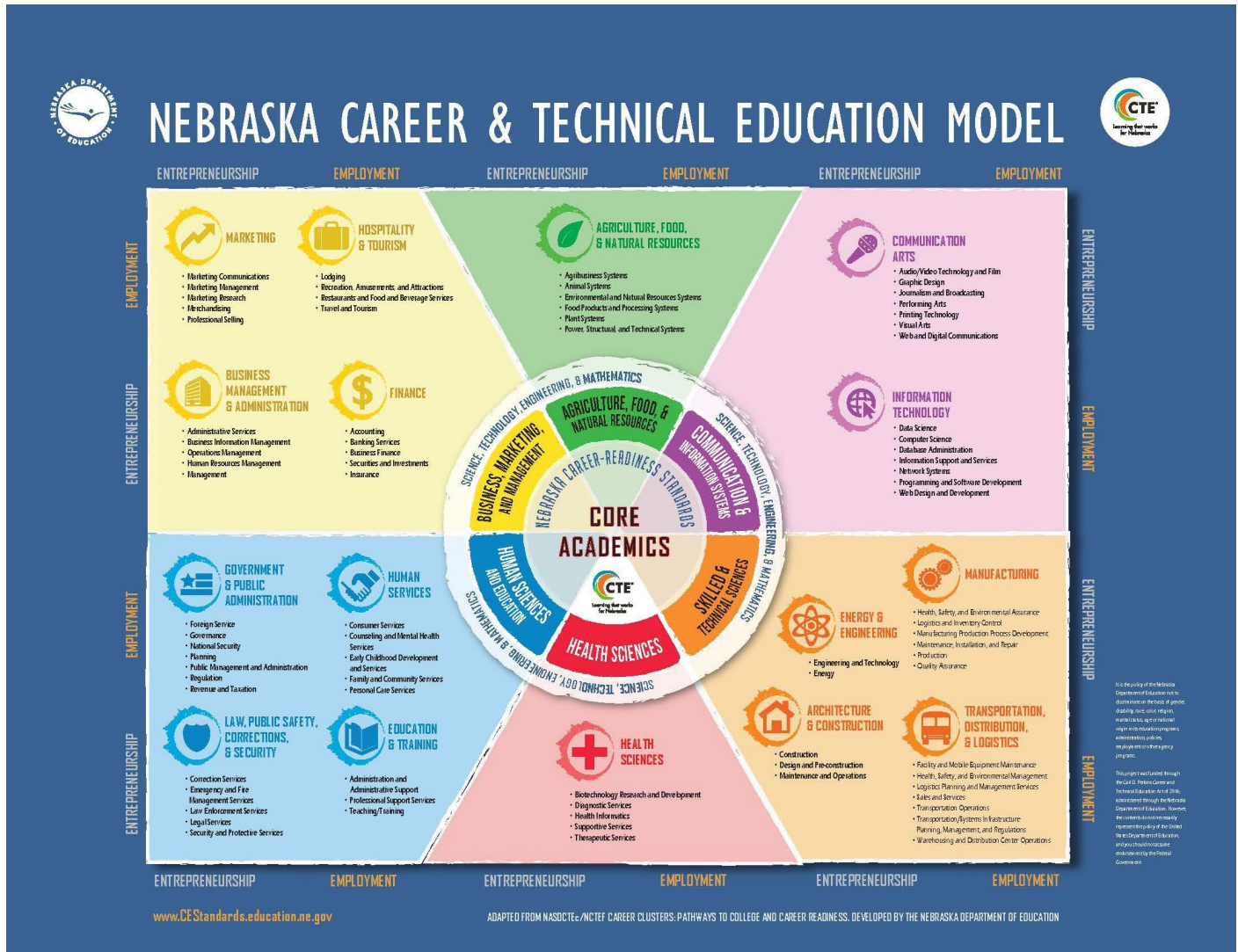
- Experience unique and innovative science classes that are taught in partnership by certified high school teachers on the Henry Doorly Zoo campus.

## Access Zoo Academy Application:

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



# Career Pathways



Graphics taken from <https://www.education.ne.gov/nce/career-clusters/>  
<https://www.education.ne.gov/nce/careerdevelopment/he-career-development-model/>

# Career & Technical Education

## Required Course: Personal Finance

### **120981 PERSONAL FINANCE**

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.

*Duration: 1 semester*

*Credit: 1 per semester*

*Grade Level: 12*

### **120971 H PERSONAL FINANCE**

This is an honors-level course in Personal Finance. 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.

*Duration: 1 semester*

*Credit: 1 per semester*

*Grade Level: 12*

### **131691/131422 FOUNDATIONS OF COMPUTING 1 & 2**

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

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 10*

**Elective Courses:** All courses count toward elective credit graduation requirements.

### **210151/210152 AVENUE SCHOLARS 1 & 2**

Avenue Scholars provides a two-year course which prepares juniors and seniors for college access and career exploration. Major emphases in the course include higher order thinking skills, written and oral communication, goal setting, and peer collaboration. Students completing Avenue Scholars receive support throughout their college career and into a profession.

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 11,12*

### **188021/188022 JOBS FOR AMERICAS GRADUATES**

Jobs for America's Graduates (JAG) is a graduation enhancement program focusing on personal and career development and future readiness. The class will participate in a variety of classroom activities, assignments, exploration, guest speakers, mentorship, and guidance. Each member will become part of a student leadership organization and have several opportunities to further unlock and enhance their potential. This course should be utilized by high school level students.

*Duration: 2 semesters*

*Credit: 1 per semester*

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

# Career & Technical Education

**Elective Courses:** All courses count toward elective credit graduation requirements.

## **172461/172462 ENERGY & POWER FOUNDATIONS 1-2**

This course introduces students to quality and continuous improvement related to process, power, and manufacturing. Topics include drawings and symbols, properties and behavior of materials, quality management principles, techniques, and tools. Students gain skills in measurement and analysis along with components and system calibration. Students become familiar with manufacturing design, production process and flow, production machine operations, and product logistics.

*Duration: 2 semesters*

*Credit: 1 per semester*

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

## **120401/120402 ENTREPRENEURSHIP 1 & 2**

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.

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 10,11,12*

## **140721/140722 INTRODUCTION TO CHILD DEVELOPMENT 1 & 2**

This course will provide students with knowledge and skills necessary for working with children as parents or caregivers. Topics of study will include parenting readiness, guidance, family differences, pre-natal development, the birth process, and early childhood developmental stages.

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 9, 10*

## **140791/140792 FAMILY LIVING 1 & 2**

This course focuses on the family as the basic unit of society, recognizing the diversity and responsibilities included in maintaining a strong family. Skills are strengthened in resource management, decision making, communication skills, developing healthy relationships, and crisis management.

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 11,12*

## **140141 SPORTS NUTRITION**

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

*Duration: 1 semester*

*Credit: 1 per semester*

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

# Career & Technical Education

**Pathways Required Courses:** All courses count toward elective credit graduation requirements.

## **10th Grade Pathway Classes**

### **074061 FOUNDATIONS OF HEALTH CARE**

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

*Duration: 1 semester*

*Credit: 1 per semester*

*Grade Level: 10*

### **070611 INTRODUCTION TO MEDICAL TERMINOLOGY 1**

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.

*Duration: 1 semester*

*Credit: 1 per semester*

*Grade Level: 10*

### **130691 DIGITAL MEDIA**

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

*Duration: 1 semester*

*Credit: 1 per semester*

*Grade Level: 10*

### **131011 AUDIO VIDEO FOUNDATIONS**

Students will expand their media skills in the areas of interviewing, reporting, writing, editing, photography/videography, and design. Students will explore careers while working together to create projects in a variety of media, such as print, web, podcast, and/or broadcast. The emphasis of Audio Video Foundations is on career exploration, collaboration, creativity, and legal/ethical standards in produced media.

*Duration: 1 semester*

*Credit: 1 per semester*

*Grade Level: 10*

### **030611 LAW & JUVENILE JUSTICE**

This course will explore the five pathways of law: public safety and security, correction services, emergency/fire, security and protective services, and law enforcement/legal services.

*Duration: 1 semester*

*Credit: 1 per semester*

*Grade Level: 10*

### **181061 LAW & PUBLIC SAFETY**

This course will explore the five pathways of law: public safety and security, correction services, emergency/fire, security and protective services, and law enforcement/legal services.

*Duration: 1 semester*

*Credit: 1 per semester*

*Grade Level: 10*

# Career & Technical Education

**Pathways Required Courses:** All courses count toward elective credit graduation requirements.

## **10th Grade Pathway Classes**

### **131691/131422 FOUNDATIONS OF COMPUTING 1 & 2**

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

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 10*

### **172471/172472 ENERGY AND POWER 1 & 2**

Students gain basic knowledge and skills to use various equipment and components found in the process and power operations industry. Topics include preventive and predictive maintenance, safety, lubrication, precision measuring devices, compressors, pumps, valves, steam systems, heat exchangers, cooling systems, and process instrumentation.

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 10*

### **061331/061332 FORENSIC SCIENCE 1 & 2**

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

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

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 10*

### **060351/061352 ENVIRONMENTAL SCIENCE 1 & 2**

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

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

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 10*

# Career & Technical Education

**Pathways Required Courses:** All courses count toward elective credit graduation requirements.

## **10th Grade Pathway Classes**

### **141161 LIFESPAN DEVELOPMENT**

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

*Prerequisites: None*

*Duration: 1 semester*

*Credit: 1 per semester*

*Grade Level: 10*

### **141171 PRINCIPLES OF EDUCATION AND TRAINING**

This course is designed to introduce students to career opportunities and related skills in the Education and Training career field, including teaching and professional educational training. Students will explore topics related to the foundation and history of education, the philosophy of education, roles of educators, instructional and assessment methods, diversity of cultures and communities related to educational settings, learner development, and professional development. Classroom, laboratory, and educational leadership activities are supplemented through Nebraska Educators Rising, a career and technical student organization. Students will need to complete and pass a background check in order to go into classrooms for the 5 hours of field observation and practicum experiences. This course can be dual enrolled through UNO, based on teacher HLC guideline credentials, for TED 1010 for 3 credits.

*Duration: 1 semester*

*Credit: 1 per semester*

*Grade Level: 10*



# Career & Technical Education

**Pathways Required Courses:** All courses count toward elective credit graduation requirements.

## **11th Grade Pathway Classes 030491 PSYCHOLOGY**

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

*Duration: 1 semester*

*Credit: 1 per semester*

*Grade Level: 11,12*

## **030531 SOCIOLOGY**

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

*Duration: 1 semester*

*Credit: 1 per semester*

*Grade Level: 11,12*

## **131021/131022 AUDIO VIDEO PRODUCTIONS 1 & 2**

Students will expand upon the basics of video production to create projects that will involve a sequence requiring pre-production, production, and post-production. The emphasis of video production is to tell stories through interviewing, scripting and a more professional application of lighting, filming, recording, and editing.

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 11*

## **181041 INTRODUCTIONS TO CRIMINAL JUSTICE**

This course is an overview of the history, development and philosophies of crime control within a democratic society. It examines the criminal justice system with an emphasis on the policy, the prosecution and the defense, the courts and the correctional agencies. Metro Community College dual credit available.

*Duration: 1 semester*

*Credit: 1 per semester*

*Grade Level: 11*

## **033121 INTRO TO CORRECTIONS**

This course outlines corrections as a systematic process, showing the evolving changes within institutional and community- based corrections. Topics include the history of corrections, the influence of social thought and philosophy on the development of corrections, the rights of the incarcerated inmate, and the duties of the correctional officer.

*Duration: 1 semester*

*Credit: 1 per semester*

*Grade Level: 11*

## **131411/131412 H CYBERSECURITY 1 & 2**

Cybersecurity introduces the tools and concepts of cybersecurity and encourages students to create solutions that allow people to share computing resources while protecting privacy. Students will solve problems by understanding and closing these vulnerabilities. This course raises students' knowledge of and commitment to ethical computing behavior.

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 11*

# Career & Technical Education

**Pathways Required Courses:** All courses count toward elective credit graduation requirements.

## **11th Grade Pathway Classes**

### **074401 PRINCIPLES OF EMERGENCY SERVICES**

In this course students will be introduced to the challenging work of emergency responders and fire protection services by learning regulations, health and safety protocol, communications, and operations.

*Prerequisites: None*

*Duration: 1 semester*

*Credit: 1 per semester*

*Grade Level: 11*

### **061511/061512 FORENSIC SCIENCE 3 & 4**

Forensic Science is a lab-based, hands-on course that expands and discusses in greater depth the concepts and skills begun in Forensic Science 1-2 and examines the application of science to investigations pertaining to the legal system. Major themes of study include crime scene analysis, forensic science laboratory techniques, arson, explosives, physical trauma, autopsies, advanced DNA concepts, forensic odontology, toxicology, cybercrimes, and criminal profiling. Forensic Science will cover mature themes related to crimes. This course requires complex reasoning skills, critical thinking skills, and independent study outside of the classroom setting. Forensic Science will cover mature themes related to crimes.

*Prerequisites: Regular or H Forensic Science 1-2 or instructor permission.*

*Duration: 2 Semesters*

*Credits: 1 per semester*

*Grade Level: 11*

### **062311/062312 ENVIRONMENTAL WATER TECH 1 & 2**

This course will develop student proficiencies in the areas of hydrology, safety skills and procedures, geological principles of water resources, management of wetlands, storm water systems, environmental water resources, equipment and facility maintenance, scientific and research concepts; principles of leadership; employability, and human relations skills. Laboratory-based activities are an integral part of this course. These include the safe use and application of appropriate technology, scientific testing, and observation equipment.

*Prerequisites: Successful Completion of Environmental Science*

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 11*

### **030231 TRIAL PRACTICE AND ADVOCACY**

Trial Practice & Advocacy examines the differences between bench and jury trials, the trial process, and the respective roles of the attorney and paralegal in the trial preparation processes.

*Duration: 1 semester*

*Credit: 1 per semester*

*Grade Level: 11*

### **030601 EVIDENCE**

This is a comprehensive course covering the rules governing the introduction, collection, and presentation of evidence in judicial proceedings. Attention is focused on the Nebraska Evidence Rules, and the general principles of the common law of evidence. The primary purpose of this course is to help young people develop the ability to make informed and reasoned decisions about the use of evidence and evidentiary material in judicial proceedings.

*Duration: 1 Semester*

*Credit: 1 per semester*

*Grade Level: 11*



# Career & Technical Education

**Pathways Required Courses:** All courses count toward elective credit graduation requirements.

## **11th Grade Pathway Classes**

### **074341/074342 PUBLIC HEALTH 1 & 2**

Students will gain an increased understanding of how their personal health is influenced by a wide range of biological, environmental, political, and societal factors, and will explore the numerous ways in which public health professionals are trained to promote and protect population health and well-being locally, regionally, at the national, as well as the global level. This course will engage students in critical conversations around how they can influence their own, as well their community's health outcomes through education and advocacy efforts. A variety of both acute and chronic diseases will be explored from a public health perspective.

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 11*

### **141181/141182 BEST PRACTICES IN EDUCATION 1 & 2**

This course is a continuation of the Teaching as a Profession pathway and is the third course in a four-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 fourth course in this sequence). Classroom, laboratory, and educational leadership activities are supplemented through Nebraska Educators Rising, a career and technical student organization. Students will need to complete and pass a background check to go into classrooms for the 25 hours of field observation and practicum experiences.

*Prerequisites: Lifespan Development and Principles of Education and Training.*

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 11*

### **172481/172482 ENERGY AND POWER 3 & 4**

Through lectures, discussions, demonstrations, coaching, and problem solving, students learn and apply general electrical theory used in manufacturing, process, and power industries. Students study electron theory as it relates to ac and dc circuits. Students study various circuits, resistance, capacitance, inductance, symbols, and wiring diagrams. Lab assignments allow students to demonstrate an understanding of electrical theory, measuring, and control devices. The course emphasizes safety, as students are working with actual controls and voltages.

*Prerequisites: Successful completion of: ENERGY AND POWER 1 & 2*

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 11*

# Career & Technical Education

**Pathways Required Courses:** All courses count toward elective credit graduation requirements.

## **12th Grade Pathway Classes**

### **131031/131032 AUDIO VIDEO PRODUCTION 3 & 4**

This course is an applied-knowledge course intended to prepare students to pursue careers and post-secondary learning in audio/visual production. Students in this course will apply knowledge and skills from previous courses in the program of study to create productions both independently and in teams. Students will use various equipment and technology to complete all phases of the production process, including planning, coordinating, capturing, editing, and distributing productions. Standards in this course include policies and regulations, independent and collaborative productions, distribution of media, and the production of live events. An understanding of the professional and ethical issues encountered by professionals in these careers is developed as students learn to refine their skills in problem solving, research, communication, teamwork, and project management.

*Prerequisites: Audio Video Production 1 and Audio Video Production 2*

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 12*

### **181701 POLICE & SOCIETY**

The course examines the role of the police in relationship to law enforcement and American society. Topics include the role and function of police, the nature of police organizations and police work and the patterns of police-community relations. This course is an overview of the history, development and philosophies of crime control within a democratic society. It examines the criminal justice system with an emphasis on the policy, the prosecution and the defense, the courts and the correctional agencies. Metro Community College dual credit available.

*Duration: 1 semester*

*Credit: 1 per semester*

*Grade Level: 12*

### **033122 REPORTING TECHNIQUES CRIMINAL JUSTICE**

This is an interactive course where students will document all aspects of the criminal justice system, from arrival at the scene of an incident to the presentation of the written report in court. Students and will be provided the tools, resources, and practical exercises to master the skill of professional criminal justice report writing.

*Duration: 1 semester*

*Credit: 1 per semester*

*Grade Level: 12*

### **131721/131722 H CYBERSECURITY 3 & 4**

In this course the students will continue to develop and build their cybersecurity skills and knowledge while learning advanced concepts required to recognize and potentially mitigate attacks against devices, computers, enterprise networks and mission-critical infrastructure. Students will learn current testing and vulnerability assessment techniques to measure and prevent attacks ranging from basic malware to complex web-based exploits and social engineering tactics that take advantage of people's trust. Students will recognize and evaluate real-world attacks through the use of advanced hacking techniques and methods of defense fortification using virtual labs and cyber ranges. At the same time, students will delve into topics like risk management and incident response and recovery. This course is designed to prepare students for the Certified Ethical Hacker (CEH) and/or the Security+ exam and certification.

*Prerequisites: H Cybersecurity 1 and H Cybersecurity 2*

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 12*

# Career & Technical Education

**Pathways Required Courses:** All courses count toward elective credit graduation requirements.

## **12th Grade Pathway Classes**

### **074431/074432 SAFETY HEALTH EMERGENCY SERVICES 1 & 2**

This course introduces the basic concepts of occupational health and safety as it relates to emergency service organizations. Topics include risk and hazard evaluation and control procedures for emergency service organizations. The course provides an overview of the fire prevention techniques which are utilized by professionals in response to various emergencies. Upon completion of this course, proficient students will be able to identify the magnitude of a natural or unnatural disaster and its effects on the many facets of communities as well as conduct hazard identification and learn how to control and prevent fires.

*Prerequisites: Principles of Emergency Services and Psychology*

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 12*

### **172491/172492 ENERGY & POWER 5 & 6**

Students learn about the unique systems and requirements for safely, effectively, efficiently, and sustainably operating critical facilities such as data centers, hospitals and other buildings that must always operate with minimal down time. Students identify codes, regulations, and standards, and apply essential concepts such as redundancy and systems thinking as they examine operating parameters and processes related to the various interrelated systems. Students also explore the use of industry-related software to obtain and analyze data necessary to effectively operate critical facilities.

*Prerequisites: Successful completion of: ENERGY AND POWER 3-4.*

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 12*

### **061591/061592 NW H FORENSIC SCIENCE 5 & 6**

Northwest High School Forensic Science 5-6 is the application of logic, basic biological, chemical, and physical science principles and technological practices to the purposes of justice in the study of criminal and civil law. Major themes of study in this course are: Forensic Psychology, Crime Scene Documentation, Felony Assault Crimes, Cold Cases, Criminal Profiling, and other special topics. The students will investigate actual cold cases from the areas of Nebraska, South Dakota, Iowa, and Kansas. Students will also have the opportunities to work with local law enforcement agencies to gain a real world perspective as to what really happens from the time a crime is reported until it is presented in the court of law. Students will also look at national cases and evaluate from the perspective of what the losing side did or did not do appropriately in terms of forensic science. Students will also compete in the Skills USA challenge as well as other Forensic Science Competitions as those become available. In a world with rising concern over crime levels (despite the fact that crime rates are declining), it is important that our students appreciate the role that forensics plays in modern criminal court cases. As American citizens, our students will be called upon to fulfill their civic duty as jurors. It is therefore crucial that our students be informed as to the nature of criminal investigations, and their role in the courts.

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 12*

# Career & Technical Education

**Pathways Required Courses:** All courses count toward elective credit graduation requirements.

## **12th Grade Pathway Classes**

### **062331/062332 NATURAL RESOURCE MANAGEMENT 1 & 2**

Natural Resource Management is an applied science course for students interested in learning more about becoming good stewards of our environment and natural resources. This course covers major types of natural resources and their management, public policy, and the role of public education in managing resources, as well as careers, leadership, and history of the industry. Upon completion of this course, proficient students will be prepared for further study and careers as an environmental scientist, conservationist, forester, or wildlife manager.

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 12*

### **120331 H BUSINESS LAW**

A course designed to present the study of the legal rights and responsibilities necessary to be informed and productive citizens. Key concepts include contracts and torts, the role of courts, litigation, and constitutional issues including civil and criminal law.

*Duration: 1 semester*

*Credit: 1 per semester*

*Grade Level: 12*

### **120471/120472 MARKETING 1&2**

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

### **181141 LEGAL RESEARCH & WRITING**

Students will analyze judicial opinions; apply legal concepts and rules; learn the techniques of writing memoranda and briefs; and learn oral advocacy skills. Students will also complete written assignments involving independent research and writing and participate in an oral advocacy exercise. The fundamentals of identifying, understanding, and formulating issues for analysis will be covered as well. *Duration: 1 semester*

*Credit: 1 per semester*

*Grade Level: 12*

### **074351/074352 EPIDEMIOLOGY & DISEASE PREVENTION 1 & 2**

This course is an applied course for students interested in developing an understanding of the ways government tracks health related issues and how communities experience and treat them. Upon completion of this course, students will be able to use research and data to understand the health and wellness of their community, state, region, and nation; relate that knowledge to epidemiology and determinants of health; draw key connections between personal health issues and community health issues; defend emergency allocation of resources and identify professionals who can provide care.

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 12*

### **181151/181152 EMERGENCY DISPATCH 911 1 & 2**

The Emergency Telecommunicator Course is designed to introduce students to the exciting and challenging field of Emergency Telecommunications (9-1-1 dispatch). This course covers the roles and responsibilities of emergency telecommunicators, emergency telecommunication technologies, telecommunication essentials, call management, call classification (police, fire, and medical), disaster preparedness and readiness for radios and radio broadcast procedures, legal aspects of public safety communication, quality assurance/quality improvement, and dispatch stress.

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 12*

# Career & Technical Education

**Pathways Required Courses:** All courses count toward elective credit graduation requirements.

## **12th Grade Pathway Classes**

### **141191/141192 FIELD EXP IN EDUC TRAINING 1 & 2**

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. Recommended Level: Grades 11-12.

*Prerequisites: Best Practices in Education. Lifespan Development and Principles of Education and Training.*

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 12*

# English

## Number of English Credits Required for Graduation

8

### Required Courses

English 1 & 2

English 3 & 4

English 5 & 6 or AP® Language & Composition

English 7 & 8 or AP® Literature & Composition

### **010341/010342 ENGLISH 1 & 2**

English 1 & 2 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.

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 9*

### **010351/010352 HONORS ENGLISH 1 & 2**

Honors English 1 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.

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 9*

### **010411/010412 ENGLISH 3 & 4**

English 3 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.

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 10*

### **010421/010422 AP SEMINAR (Formerly HONORS ENGLISH 3 & 4)**

AP Seminar provides a more rigorous and intensive study of the English Language Arts skills of reading, writing, speaking, and listening as described in English 3-4. 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 beyond the regular English 3-4 course.

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: Early College students only*



# English

## **010474/010472 ENGLISH 5 & 6**

English 5 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.

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 11*

## **011911/011912 ADVANCED PLACEMENT ENGLISH LANGUAGE AND COMPOSITION 1 & 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.

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 11*

## **010531/010532 ENGLISH 7 & 8**

English 7-8 is a culminating course focusing on the Nebraska State Standards for Language Arts which include reading, writing, speaking, listening, and multiple literacies through a study of British and global literature. Students use a variety of unique conceptual lenses (heroes/leaders, good/evil, human fallibility, global power, and governance) to gain command of essential skills in written and oral communication and the reading of literary and informational texts. Students produce five required writing pieces in the following modes: narrative, persuasive, argumentative, analytical, and technical.

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 12*

## **011901/011902 ADVANCED PLACEMENT ENGLISH LITERATURE AND COMPOSITION 1 & 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.

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 12*

**Elective Courses:** All courses count toward elective credit graduation requirements.

**020631/020632 DRAMA 1 & 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.

*Duration: 2 semesters*

*Credit: 1 per semester*

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

**020651/020652 ADVANCED DRAMA 3 & 4**

Honors Advanced Drama 3 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.

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

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 10,11,12*



**Elective Courses:** All courses count toward elective credit graduation requirements.

**1/021832 H ADVANCED DRAMA 5 & 6**

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.

*Prerequisites: Average C or above in Honors Advanced Drama 3-4.*

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 11,12*

**020351 CREATIVE WRITING 1&2**

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

*Duration: 2 semesters*

*Credit: 1 per semester*

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

**Elective Courses:** All courses count toward elective credit graduation requirements.

### **020841 PHOTOJOURNALISM 1**

Photojournalism students learn and apply advanced photography and software techniques to produce high quality photographs for the yearbook, newspaper, and/or newspaper website. This is a one-semester course.

*Duration: 1 semesters*

*Credit: 1 per semester*

*Grade Level: 9,10,11*

### **020451 DIGITAL JOURNALISM**

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

*Duration: 1 semesters*

*Credit: 1 per semester*

*Grade Level: 9,10,11*

### **021231/021232 H YEARBOOK 1 & 2**

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

*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.*

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 10,11,12*

### **021331/021332 H YEARBOOK 3 & 4**

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

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

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 11,12*

**Elective Courses:** All courses count toward elective credit graduation requirements.

### **020681/020682 STAGECRAFT 1 & 2**

Stagecraft 1 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.

*Prerequisite: Average C or above in Drama 1-2 or Industrial Tech (or middle school equivalent) and teacher permission. Strong interest in the "behind the scenes" working of a theatrical production is a must. Some experience in building/construction is good, but not necessary. Honors credit is available for this course.*

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 10,11,12*

### **020691/020692 ADVANCED STAGECRAFT 1 & 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.

*Prerequisite: Average B or above in Stagecraft 1-2 and teacher permission. Honors credit is available for this course.*

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level:*

# English as a Second Language



[district.ops.org](http://district.ops.org)

## Recommended Placement for English Learners Based on ELPA21 Screener Results

Freshman Beginning Level ELs	
A Day	B Day
ESL 1 (155191) ESL 2 (155192)	ESL 1 (155191) ESL 2 (155192)
Recommended Math	<b>Recommended Elective:</b> ESL Math Prep 1 (155301) ESL Math Prep 2 (155302)
Science Foundations 3 (063141) Science Foundations 4 (063142)	ESL Social Studies Foundations 1 (159411) ESL Social Studies Foundations 2 (159412)
Freshman Seminar	P.E.
<b>ELPA21 Screener Score:</b> Emerging All 1's and 2's in Listening, Speaking, Reading & Writing	

Freshman Early Intermediate Level ELs	
A Day	B Day
ESL 3 (155351) ESL 4 (155352)	ESL 3 (155351) ESL 4 (155352)
Recommended Math	ESL Reading 3 (155231) ESL Reading 4 (155232)
Science Foundations 3 (063141) Science Foundations 4 (063142) or Physical Science	US History 1 ELL (031331) US History 2 ELL (031332)
Freshman Seminar	P.E.
<b>ELPA21 Screener Score:</b> Progressing Listening & Speaking scores: 3's and 4's Reading & Writing scores: combination of 1's, 2's or 3's	

Freshman Intermediate Level ELs	
A Day	B Day
ESL 5 (155151) ESL 6 (155152)	English 1 ELL (010371) English 2 ELL (010372)
Recommended Math	Elective
Physical Science	US History 1 US History 2
Freshman Seminar	P.E.
<b>ELPA21 Screener Score:</b> Progressing Listening & Speaking scores: 3's, 4's or 5's Reading & Writing scores: 3's or combination of 3 and 4	

Freshman EL In-class Supports	
A Day	B Day
Elective	English 1 English 2
Recommended Math	Elective
Physical Science	US History 1 US History 2
Freshman Seminar	P.E.
<b>ELPA21 Screener Score:</b> Proficient (non-EL) All 4's and 5's in Listening, Speaking, Reading & Writing	



# English as a Second Language

## Required Courses

English 1-2 ELL meets English 1 & 2 requirement

U.S. History 1-2 ELL meets U.S. History 1 & 2 requirement

With the exception of English 1-2 ELL, all courses count toward elective graduation requirements.

### **155191/011592 ESL 1 & 2**

This course is intended for beginning proficiency level English learners (typically a first-year English learners with formal educational experiences). It is worth 2 credits due to double seat time. It focuses on increasing ELs' academic English skills in the areas of speaking, listening, reading, and writing to an early-intermediate level as measured by the ELP Achievement Level Descriptors. The language and literacy integrated curriculum provides 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.

*Duration: 2 semesters*

*Credit: 2 per semester*

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

### **155351/155352 ESL 3 & 4**

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

*Duration: 2 semesters*

*Credit: 2 per semester*

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

### **155231/155232 ESL READING 3 & 4**

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

*Duration: 2 semesters*

*Credit: 1 per semester*

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

# English as a Second Language

## **010371/010372 ENGLISH 1-2 ELL**

This course offers the English 1-2 curriculum with enhanced vocabulary focus and cultural orientation for ELL students.

*Duration: 2 semesters*

*Credit: 1 per semester*

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

## **155151/155152 ESL 5 & 6**

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

*Duration: 2 semesters*

*Credit: 1 per semester*

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

## **159411/159412 ESL SOCIAL STUDIES FOUNDATIONS 1 & 2**

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

*Duration: 2 semesters*

*Credit: 1 per semester*

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

## **031331/031332 U.S. HISTORY 1 & 2 ELL**

This course is restricted for ESL students who are concurrently enrolled in ESL 3-4 or ESL 5-6. A special focus on language development is provided, but content and standards are the U.S. History standards. This course continues the study of United States history from 1900 to present. 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, 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.

*Duration: 2 semesters*

*Credit: 1 per semester*

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

# English as a Second Language

## **157101/157102 ACADEMIC LANGUAGE STUDY EL**

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. Prerequisites: Follow Long-Term ELs Scheduling Recommendations

*Prerequisites: Follow Long-Term ELs Scheduling Recommendations.*

*Duration: 2 semesters*

*Credit: 1 per semester*

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

## **063141/063142 SCIENCE FOUNDATIONS 3 & 4**

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).

*Duration: 2 semesters*

*Credit: 1 per semester*

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

## **155301/155302 ESL MATH PREP 1 & 2**

This co-requisite course is intended for beginning proficiency level English learners, who are also enrolled in an appropriate math course. The focus of the course will be to build math literacy (language and vocabulary for math.). Course curriculum includes math discourse development. (e.g., academic vocab, how to unpack math word problems, academic conversations about math) and foundational skills review. Curriculum for this course is aligned to the English Language Proficiency standards and is in support of academic language development required for mathematics.

*Duration: 2 semesters*

*Credit: 1 per semester*

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

# Human Growth & Development

## Required Courses

Human Growth and Development (can opt out)

### **070931 HUMAN GROWTH AND DEVELOPMENT HS**

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.

*Duration: 1 semester*

*Credit: 1 per semester*

*Grade Level: 10,11,12*

### **070981 H HUMAN GROWTH & DEVELOPMENT**

This honors course helps high students acquire responsible decision-making skills related to wellness, communication, healthy relationships, preventing abuse, chemical usage, sexuality, prenatal care, etc. Expectations include additional reading assignments and more in-depth projects than the regular Human Growth course. 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.

*Duration: 1 semester*

*Credit: 1 per semester*

*Grade Level: 10,11,12*

# Mathematics



**Pre-Algebra 1-2**  
040161/040162

**Algebra 1-2**  
040271/040272

**Geometry 1-2**  
040351/040352  
**H Geometry 1-2**  
040361/040362

## OPS Mathematics Course Options

**Essential Concept Courses**

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

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

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

### Course Options available *any time* after Geometry 1-2

Note: 6 credits of math are required for graduation

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

**Data and Statistics 1-2**  
049601/049602

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

### Course Options available *any time* after Algebra 3-4

Note: 4-year colleges and universities prefer students complete one course beyond Algebra 3-4

**AP PreCalc/Trig 1-2**  
040801/040802

**AP Statistics 1-2**  
040841/040842

**College Algebra 1-2**  
049701/049702

### Course Options available after H PreCalc/Trig 1-2

Note: AP courses have college credit bearing options through dual enrollment and/or credit by examination

**AP Calculus AB 1-2**  
040451/040452

**AP Calculus BC 1-2**  
040461/040462

**AP Statistics 1-2**  
040841/040842

**H Calculus 3/H Diff Equations**  
040471/040541

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



# Mathematics



## 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.



# Mathematics

## Number of Math Credits Required for Graduation

6

### Required Courses

Based on recommended level. See chart on page 59.

#### **040161/040162 PRE-ALGEBRA 1 & 2**

This course is designed to meet the needs of the student who will benefit from a transition course which, bridge content standards for pre-algebra, including operations on real numbers, conversions among fractions, decimals and percent's, solving linear equations and inequalities, graphing linear equations, working with polynomials, and using measures of central tendency to interpret data. es the similarities of arithmetic & 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

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 9,10*

#### **040271/040272 ALGEBRA 1 & 2**

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

*Duration: 2 semesters*

*Credit: 1 per semester*

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

#### **040351/040352 GEOMETRY 1 & 2**

This course is a complete study of geometry. Topics include congruence and similarity of figures, parallelism and perpendicularity, right triangle relationships, formal and informal proof, coordinate geometry, properties of polygons and circles, and perimeter, area, and volume of two- and three-dimensional figures. Students enrolling in Geometry 1-2 should have passing grades in both semesters of Algebra 1-2.

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 10,11,12*

#### **040361/040362 HONORS GEOMETRY 1 & 2**

This course is the honors section of Geometry 1-2. Topics include congruence and similarity of figures, parallelism and perpendicularity, right triangle relationships, formal and informal proof, coordinate geometry, properties of polygons and circles, and perimeter, area, and volume of two- and three-dimensional figures. As an honors class, each topic will be covered in greater depth and with enrichment. This course is the first semester of Honors Geometry 1-2. Students enrolling in this course should have proficient or advanced grades in both semesters of Honors Algebra 1-2, or advanced grades both semesters of Algebra 1-2 and teacher recommendation.

*Prerequisite: Any one of the following: Grade of "A" in Algebra 1 and 2 , Grade of "B" or higher in Honors Algebra 1 and 2, and/or MAP Math score at or above a score determined by District Math Supervisor.*

*Duration: 2 semesters*

*Credit: 1 per semester*

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

# Mathematics

## **040291/040292 ALGEBRA 3 & 4**

This course covers the topics of a traditional second-year algebra course. Content includes solving polynomial equations as well as linear, absolute value, and quadratic equations and inequalities, and working with exponents and logarithms, complex numbers, systems of equations and inequalities, and simple probability. Appropriate technology will be used to assist in instruction and learning. Students enrolling in this course will have successfully completed both semesters of Algebra 1-2 with passing grades.

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 10,11,12*

## **040301/040302 HONORS ALGEBRA 3 & 4**

This is the honors section of Algebra 3-4. As such the topics and concepts will be covered in more depth, and additional content is present as well. This course covers the topics of a traditional second-year algebra course. Content includes solving polynomial equations as well as linear, absolute value, and quadratic equations and inequalities, and working with exponents and logarithms, complex numbers, systems of equations and inequalities, matrix algebra and matrix solutions to systems of equations, series and sequences, and compound probability. Appropriate technology will be used to assist in instruction and learning. Students enrolling in this course will have successfully completed both semesters of Honors Algebra 1-2 with proficient or advanced grades, or Algebra 1-2 with advanced grades and teacher recommendation.

*Prerequisite: Any one of the following: Grade of "A" in Algebra 1 and 2 or Geometry 1 and 2, Grade of "B" or higher in Honors Algebra 1 and 2 or Honors Geometry 1 and 2, and/or MAP Math score at or above a score determined by District Math Supervisor.*

*Duration: 2 semesters*

*Credit: 1 per semester*

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

## **049601/049602 DATA STATISTICS 1-2**

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

*Duration: 2 semesters*

*Credit: 1 per semester*

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

## **049501/049502 MCC BUSINESS MATH 1220 1 & 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 assessment 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.

*Duration: 2 semesters*

*Credit: 1 per semester*

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

# Mathematics

## **049511/049512 MCC TECHNICAL MATH 1240 1 & 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.

*Duration: 2 semesters*

*Credit: 1 per semester*

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

## **040411/040412 H PRE-CALCULUS/TRIGONOMETRY 1 & 2**

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

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 10, 11, 12*

## **049701/049702 COLLEGE ALGEBRA 1-2**

In this course students learn math skills required for further mathematics courses. Topics include functions and their inverses; polynomial, radical, exponential and rational expressions and equations; graphing functions using transformations. Topics in probability and statistics are also addressed. \*This course is not for college credit.

*Pre-requisite: Algebra 3-4.*

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 10, 11, 12*

## **040841/040842 AP STATISTICS 1 & 2**

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

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 10, 11, 12*

## **040451/04052 AP CALCULUS (AB) 1 & 2**

This course follows the College Board's Advanced Placement syllabus for Calculus AB, which stresses the concept of limit and introduces the student to differential and integral calculus, including both theorems and techniques. Students enrolling in this course should have proficient or advanced grades in both semesters of Honors Pre-calculus/Trigonometry 1-2, or teacher recommendation. Students who select NOT to participate in the AP exam are expected to take a cumulative, AP comparable, teacher-graded end of course exam.

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 11, 12*

# Mathematics

## **040461/040462 AP CALCULUS (BC) 1 & 2**

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

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 11,12*

# Military Science

**Elective Courses:** All courses count toward elective credit graduation requirements.

## **070811/070812 JROTC / INTRODUCTION TO LEADERSHIP EDUCATION TRAINING 1 & 2 (LET1)**

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

*Duration: 2 semesters*

*Credit: 1 per semester*

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

## **070821/070822 JROTC / INTRODUCTION TO LEADERSHIP EDUCATION TRAINING 3 & 4 (LET2)**

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

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 10,11,12*

# Military Science

**Elective Courses:** All courses count toward elective credit graduation requirements.

## **070751/070752 H JROTC 5 & 6 LET 3**

This course will incorporate all the requirements of JROTC 5-6. The honors cadet will be required to do additional reading and writing, including (but not limited to), research paper. The cadet will be required to do two community service projects or two school service projects. Each honors cadet will be required to present one period of instruction per quarter. The honors cadet will assume a leadership position to demonstrate skills and traits taught in leadership class. All enrolled cadets are required to wear the Army Junior ROTC uniform at least once a week during the school day or as specified by the Senior Army Instructor. All cadets are required to participate in the Junior ROTC physical fitness program and other activities. This course counts as a physical education credit.

*Requires instructor approval.*

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 11,12*

## **070741/070742 H JROTC 7 & 8 LET 4**

This course will incorporate all of the requirements of JROTC 7-8. In addition, cadets must complete readings on the role of the Army in support of national objectives and leadership, present one period of instruction per quarter, and complete one research paper on a selected topic. The honors cadet will be required to do two community service projects or two school service projects. Each honors cadet will be required to present one period of instruction per quarter. All enrolled cadets are required to wear the Army Junior ROTC uniform at least once a week during the school day or as specified by the Senior Army Instructor. All cadets are required to participate in the Junior ROTC physical fitness program and other activities. This course counts as a physical education credit.

*Requires instructor approval.*

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 12*



# Military Science

**Elective Courses:** All courses count toward elective credit graduation requirements.

## **070781/070782 BEGINNING MARKSMANSHIP 1 & 2**

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

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 10,11,12*

## **070791/070792 ADVANCED MARKSMANSHIP 1 & 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.

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 11,12*

## **070631/070632 JROTC COLOR GUARD 1 & 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

*Duration: 2 semesters*

*Credit: 1 per semester*

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

# Music (Vocal & Instrumental)

**Elective Courses:** All courses count toward elective credit graduation requirements.

## **192061/192062 BASS CHORUS**

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.

*Duration: 2 semesters*

*Credit: 1 per semester*

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

## **190311/190312 TREBLE CHORUS**

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.

*Duration: 2 semesters*

*Credit: 1 per semester*

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

## **190351/190352 H CONCERT CHOIR**

This course is the principal performing choral organization of each high school. Students will rehearse and perform music of all musical periods of history in both accompanied and unaccompanied styles. Performance usually includes fall, winter and spring concerts as well as the All-City Music Festival. Membership is selected by audition. This course is an extension of Courses #190281 and #190282 for the serious music student. Advisors guide the students in developing written plans for earning honors credit. Students are required to participate in all scheduled performances. (Honors Credit)

*Duration: 2 semesters*

*Credit: 1 per semester*

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

## **191331/191332 H SHOW CHOIR**

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

*Prerequisites: Audition or Permission from Instructor*

*Duration: 2 semesters*

*Credit: 1 per semester*

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

## **190181/190182 PREP BAND MARCHING**

This course is intended for high school students with previous instrumental experience, but have yet to sharpen their skills sufficiently for membership in the concert band. Appropriate band literature and method studies that encourage the development of instrumental technique is rehearsed and performed. Prep band members may be included in the marching band activities with permission of the Director of Bands. Students in Prep Band who participate in marching band may receive PE credit. Students NOT marching should be scheduled into Prep Band 190571.

# Music (Vocal & Instrumental)

*Duration: 2 semesters*

*Credit: 1 per semester*

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

# Music (Vocal & Instrumental)

**Elective Courses:** All courses count toward elective credit graduation requirements.

## **190571/190572 PREP BAND**

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

*Duration: 2 semesters*

*Credit: 1 per semester*

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

## **190681/190682 H CONCERT BAND**

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

*Duration: 2 semesters*

*Credit: 1 per semester*

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

## **190591/190592 JAZZ BAND**

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

*Duration: 2 semesters*

*Credit: 1 per semester*

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

## **190631/190632 H JAZZ BAND**

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

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 10,11,12*

## **190851/190852 ORCHESTRA**

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

*Duration: 2 semesters*

*Credit: 1 per semester*

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

# Music (Vocal & Instrumental)

**Elective Courses:** All courses count toward elective credit graduation requirements.

## **190791/190792 H ORCHESTRA 1 & 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. 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.

*Duration: 2 semesters*

*Credit: 1 per semester*

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

## **190691/190692 PERCUSSION CLASS**

The high school Percussion class is designed to provide students with a comprehensive approach to percussion instruments and techniques. This course will explore various percussion instruments, their history, and their roles in different musical genres and ensembles. Students will develop their skills in playing percussion instruments and gain an understanding of rhythm, timing, and musical expression. Students will develop their skills in keyboard, battery, and auxiliary percussion instruments. The course requires attendance for marching events, pep band events, and all band concerts. Prerequisites: Previous experience in band course or teacher approval

## **191221/191222 HONORS COLOR GUARD**

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, sabers, 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. Prerequisites: Permission of instructor

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

# Physical Education

## Number of Physical Education Credits Required for Graduation

4

### **070181/070182 PHYSICAL EDUCATION 1 & 2**

This course involves students in the development of personal fitness and participation in a variety of sports, games, and dance activities. Aquatics are taught where facilities permit.

*Duration: 2 semesters*

*Credit: 1 per semester*

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

### **070251/070252 LIGHT WEIGHT TRAINING CONDITIONING 1 & 2**

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

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 10, 11*

### **070261/070262 WEIGHT TRAINING/CONDITIONING 1 & 2**

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

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 10, 11*

### **070281/070282 ADV WEIGHT TRAINING/CONDITIONING 1 & 2**

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

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 11, 12*

### **070451/070452 AEROBICS 1 & 2**

This course provides class activities designed for improvement in cardiorespiratory endurance, flexibility, and muscular development. Activities may include jogging, power walking, water exercise, step aerobics, line dancing, physical fitness, goal-setting and nutritional planning.

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 10, 11, 12*

### **070471/070472 TEAM SPORTS 1 & 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.

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 10, 11*



# Science

## Number of Science Credits Required for Graduation

6

### Required Courses

Physical Science 1 & 2

Biology 1 & 2

2 Science Elective Credits

### **060501/060502 PHYSICAL SCIENCE 1 & 2**

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

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 9*

### **060531/060532 HONORS PHYSICAL SCIENCE 1 & 2**

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

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 9*

### **060411/060412 BIOLOGY 1 & 2**

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

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 10,11,12*

### **060431/060432 H BIOLOGY 1 & 2**

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

# Science

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 9,10*

### **060551/060552 CHEMISTRY 1 & 2**

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

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

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 10,11,12*

### **060561/060562 H CHEMISTRY 1 & 2**

Chemistry 1-2 engages students in both theoretical and practical problem-solving strategies as they investigate chemical issues that are relevant to their daily lives. Topics of study include laboratory processes, chemical safety, atomic structure, properties of matter, and chemical reactions. Students enrolled in honors courses have additional experiences that require a more rigorous program of study.

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

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 10, 11,12*

### **060601/060602 PHYSICS 1 & 2**

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

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

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 10, 11,12*

### **060631/060632 H PHYSICS 1 & 2 OR AP PHYSICS**

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

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

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 10,11,12*

**Elective Courses:** All courses count toward elective credit graduation requirements.

**060931/060932 ANATOMY & PHYSIOLOGY 1 & 2**

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

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

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 10, 11, 12*

**060911/060912 H ANATOMY & PHYSIOLOGY 1 & 2**

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

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 10, 11, 12*

**061061/061062 EARTH SCIENCE 3 & 4**

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

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

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 10, 11, 12*

**061401/061402 PLANTS/PROPOGATION 1 & 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.

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

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 10, 11, 12*

### **061331/061332 FORENSIC SCIENCE 1 & 2**

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

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

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 10,11,12*

### **061511/061512 FORENSIC SCIENCE 3 & 4**

Forensic Science is a lab-based, hands-on course that expands and discusses in greater depth the concepts and skills begun in Forensic Science 1-2 and examines the application of science to investigations pertaining to the legal system. Major themes of study include: crime scene analysis, forensic science laboratory techniques, arson, explosives, physical trauma, autopsies, advanced DNA concepts, forensic odontology, toxicology, cyber crimes, and criminal profiling. Forensic Science will cover mature themes related to crimes. This course requires complex reasoning skills, critical thinking skills, and independent study outside of the classroom setting. Forensic Science will cover mature themes related to crimes.

*Prerequisites: Regular or H Forensic Science 1-2 or instructor permission*

*Duration: 2 Semesters*

*Credits: 1 per semester*

*Grade Level: 11,12*

### **061591/061592 NW H FORENSIC SCIENCE 5 & 6**

Northwest High School Forensic Science 5-6 is the application of logic, basic biological, chemical, and physical science principles and technological practices to the purposes of justice in the study of criminal and civil law. Major themes of study in this course are: Forensic Psychology, Crime Scene Documentation, Felony Assault Crimes, Cold Cases, Criminal Profiling, and other special topics. The students will investigate actual cold cases from the areas of Nebraska, South Dakota, Iowa, and Kansas. Students will also have the opportunities to work with local law enforcement agencies to gain a real world perspective as to what really happens from the time a crime is reported until it is presented in the court of law. Students will also look at national cases and evaluate from the perspective of what the losing side did or did not do appropriately in terms of forensic science. Students will also compete in the Skills USA challenge as well as other Forensic Science Competitions as those become available. In a world with rising concern over crime levels (despite the fact that crime rates are declining), it is important that our students appreciate the role that forensics plays in modern criminal court cases. As American citizens, our students will be called upon to fulfill their civic duty as jurors. It is therefore crucial that our students be informed as to the nature of criminal investigations, and their role in the courts.

*Duration: 2 Semesters*

*Credits: 1 per semester*

*Grade Level: 11,12*

### **060351/060352 ENVIRONMENTAL SCIENCE 1 & 2**

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

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

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 10, 11, 12*

### **062311/062312 ENVIRONMENTAL WATER TECH 1 & 2**

This course will develop student proficiencies in the areas of hydrology, safety skills and procedures, geological principles of water resources, management of wetlands, storm water systems, environmental water resources, equipment and facility maintenance, scientific and research concepts; principles of leadership; employability, and human relations skills. Laboratory-based activities are an integral part of this course. These include the safe use and application of appropriate technology, scientific testing, and observation equipment.

*Prerequisites: Successful Completion of Environmental Science*

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 11, 12*

### **062331/062332 NATURAL RESOURCE MANAGEMENT 1 & 2**

Natural Resource Management is an applied science course for students interested in learning more about becoming good stewards of our environment and natural resources. This course covers major types of natural resources and their management, public policy, and the role of public education in managing resources, as well as careers, leadership, and history of the industry. Upon completion of this course, proficient students will be prepared for further study and careers as an environmental scientist, conservationist, forester, or wildlife manager.

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 12*



# Social Studies

## Number of Social Studies Credits Required for Graduation

7

### Required Courses

U.S. History 1 & 2  
Human Geography  
Introduction to Economics  
Modern World History 1 & 2  
American Government

### **030901/030902 U.S. HISTORY 1 & 2**

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

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 9*

### **030911/030912 H U.S. HISTORY 1 & 2**

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

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 9*

# Social Studies

## **031011 HUMAN GEOGRAPHY**

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

*Duration: 1 semester*

*Credit: 1 per semester*

*Grade Level: 10*

## **031021 H HUMAN GEOGRAPHY**

Honors Human Geography provides an effective method for asking questions about places on earth and the places' relationships to the people who live there. The geography, economics, history, culture, and human interaction with the environment are studied and analyzed to provide an understanding of the world in which the students live. This course includes more in-depth research and analysis about the relationship between humans and the environment, including political and societal impacts on the world environment. This is a one-semester course.

*Duration: 1 semester*

*Credit: 1 per semester*

*Grade Level: 10*

## **030191/030192 AP HUMAN GEOGRAPHY 1 & 2 (Early College students only)**

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.

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 10*

## **030461 INTRO TO ECONOMICS**

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

*Duration: 1 semester*

*Credit: 1 per semester*

*Grade Level: 10*

## **030481 H ECONOMICS**

Honors Introduction to Economics examines the key concepts of economics through study of various sectors of market systems. Fundamentals, micro, macro, and international economic concepts are presented and studied. Emphasis is given to the role of the citizen in America's market structure. Students are required to research and analyze the structure and function of economics in the United States today. This course includes extension activities on the Curriculum Based Assessments (CBA's). This is a one-semester course.

*Duration: 1 semester*

*Credit: 1 per semester*

*Grade Level: 10*

# Social Studies

## **031381/031382 MODERN WORLD HISTORY 1 & 2**

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

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 11*

## **030321/030322 AP WORLD HISTORY 1 & 2**

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

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level: 11,12*

## **030251 AMERICAN GOVERNMENT**

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.

*Duration: 1 semester*

*Credit: 1 per semester*

*Grade Level: 12*

## **030261 AP U.S. GOVERNMENT & POLITICS**

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.

*Duration: 1 semesters*

*Credit: 1 per semester*

*Grade Level: 12*

## **030571 AMERICAN STUDIES**

American Studies is a one-semester elective that can be used to recover a failed credit from United States History 1, or United States History 2, or American Government. This thematic course covers major topics from United States History and American Government semester courses. Topics may include civil rights, expansion, America at war, economic change and prosperity, and/or the growth and challenges of democracy. This is a one-semester course.

*Prerequisite: Must have failed United States History 1 or 2 or American Government.*

*Duration: 1 semester*

*Credit: 1 per semester*

*Grade Level: 10,11,12*

# Social Studies

**Elective Courses:** All courses count toward elective credit graduation requirements.

## **030011 INTERNATIONAL STUDIES**

International Studies provides students with the knowledge and skills to function effectively in an increasingly interdependent world. Societal issues having both a global and future orientation are highlighted.

*Prerequisite: Must have failed Human Geography, Intro to Economics, Modern World History 1 or 2.*

*Duration: 1 semester*

*Credit: 1 per semester*

*Grade Level: 12*

## **031201/031202 H ACADEMIC DECATHLON 1 & 2**

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

*Duration: 2 semesters*

*Credit: 1 per semester*

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

## **030521 AFRICAN AMERICAN HISTORY**

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

*Duration: 1 semester*

*Credit: 1 per semester*

*Grade Level: 10,11,12*

## **030711 OMAHA HISTORY**

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.

*Duration: 1 semester*

*Credit: 1 per semester*

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

## **159930 MEXICAN AMERICAN HISTORY**

This course examines Mexican history as well as the Mexican American experience in the United States. Particular attention is given to Omaha's Mexican American community.

*Duration: 1 semester*

*Credit: 1 per semester*

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

# Social Studies

## **031610 NATIVE AMERICAN CULTURE & IDENTITY**

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

*Duration: 1 semester*

*Credit: 1 per semester*

*Grade Level: 10,11,12*

## **030491 PSYCHOLOGY**

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

*Duration: 1 semester*

*Credit: 1 per semester*

*Grade Level: 11,12*

## **030531 SOCIOLOGY**

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

*Duration: 1 semester*

*Credit: 1 per semester*

*Grade Level: 11,12*

## **030631 ANTHROPOLOGY**

Anthropology introduces the concepts and tools of understanding human behavior and origins. Anthropologists focus on the interconnections and interdependence of all aspects of human experience past and present. Students learn how anthropologists avoid bias to study humans through the fields of Cultural Anthropology, Physical Anthropology, Archaeology and linguistics.

*Duration: 1 semester*

*Credit: 1 per semester*

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

# Special Education

Students with disabilities have a variety of course options at the high school level. The intent is to provide the maximum amount of participation in the general education setting through strategic interventions, collaborative teaching and direct instruction. Regular district assessments are administered.

Students may participate in:

- General education classes with support in a Resource room.
- Students with more severe disabilities may participate in an alternate curriculum focusing on alternate 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.

The following special education programs are available at Northwest High:

## **Alternate Curriculum Program (ACP)**

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 alternate assessments.

## **Behavioral Skills Program (BSP)**

This program focuses interventions on the social, emotional and behavioral needs of students while providing instruction to support the students' participation and progress in the general curriculum. Behavior intervention plans are individualized to meet the needs of each student. Students are integrated into general education classrooms whenever possible.

## **Resource Program**

This program serves students with a variety of disabilities. Special education staff provides interventions, accommodations and modifications that support the students' participation and progress in the general curriculum.

## **Speech-Language Therapy Program**

Speech-language therapy is available to students with diagnosed speech and/or language problems.

## **Other Services**

Services are also available for students with visual impairments or acoustical disabilities and/or physical disabilities.

## **Work Experience Program (WEP)**

Work-based experiences foster adult employment success for all youth, particularly for those with disabilities. Exposing youth with disabilities to work-based experiences helps them in identifying their career interests and building self-confidence. In addition, it provides an opportunity for the student 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 any of the Special Education Programs and have earned 24 credits or are 17 years old.



# Special Education

## **SPECIAL EDUCATION COURSES**

### **100051/100052 WORK BASED LEARNING-TRAINING**

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 is needed. Students earn 3 credits per semester if all requirements are met.

*Duration: 2 semesters*

*Credit: 1-3 per semester    Grade Level: 11, 12 (or 17 years old)  
(determined by hours employed)*

### **090341/090342 ENGLISH 9S 1 & 2**

### **090351/090352 ENGLISH 10S 1 & 2**

### **090361/090362 ENGLISH 11S 1 & 2**

### **090371/090372 ENGLISH 12S 1 & 2**

This Special Education course is for students in the Alternate Curriculum Program only. Students will learn and apply reading skills and strategies to comprehend text. 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.

*Duration: 2 semesters*

### **090491/090492 SCIENCE 9S 1 & 2**

### **090521/090522 SCIENCE 10S 1 & 2**

### **090921/090922 SCIENCE 11S 1 & 2**

### **091501/091502 SCIENCE 12S 1 & 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.

*Duration: 2 semesters*

### **090721 PERSONAL HEALTH AND SAFETY**

This Special Education course is for students in the Alternate Curriculum Program only. The course emphasizes skills in the social emotional domain. Topics covered include self-protection, safety habits, personal hygiene/care, parts of the body, decision-making, family, self-esteem, feelings, peer relationships, health and human growth and development.

*Duration: 2 semesters*

# Special Education

## **090722 DAILY LIVING AND LIFE SKILLS**

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 application of math and reading skills in school and community settings, accessing community sites and services and caring for personal needs.

*Duration: 2 semesters*

## **090911/090912 WORK AWARENESS**

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 is provided in this phase.

*Duration: 2 semesters*

## **091041/091042 MATHEMATICS 9S 1 & 2**

## **091051/091052 MATHEMATICS 10S 1 & 2**

## **091061/091062 MATHEMATICS 11S 1 & 2**

## **091071 MATHEMATICS 12S 1**

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. Students participate in the Nebraska Alternate Assessment.

*Duration: 2 semesters*

## **091001/091002 SOCIAL STUDIES 9S 1 & 2**

## **091011/091012 SOCIAL STUDIES 10S 1&2**

## **091021/091022 SOCIAL STUDIES 11S 1&2**

## **091031/091032 SOCIAL STUDIES 12S 1&2**

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

*Duration: 2 semesters*

## **091638 PERSONAL FINANCE 12S**

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.

*Duration: 1 semester*

# Special Education

## **110151 EXPLORATORY ART**

In this semester course, students will be introduced to the elements and principles of design, and gain basic skills in art production through a variety of media. Production projects will be enhanced through discussions of art history, aesthetic and art criticism issues.

*Prerequisite: None*

*Duration: 4 semesters*

## **190032 MUSIC ACTIVITIES**

Music Activities class is available to 7th - 12th grade students who have an interest in developing musical skills through the playing of classroom instruments. Pitch, rhythm and harmony will be introduced by playing recorders, hand-chimes, melodia and/or guitar. Some performing experience may be scheduled as an extension of classroom experiences.

*Duration: 4 semester*

## **070391/070392 LIFETIME SPORT AC 1 & 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.

*Duration: 2 semesters*

# World Language

**Elective Courses:** All courses count toward elective credit graduation requirements.

**161901/161902 CHINESE 1 & 2**

**160301/160302 FRENCH 1 & 2**

**160401/160402 GERMAN 1 & 2**

**160501/160502 SPANISH 1 & 2**

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

*Duration: 2 semesters*

*Credit: 1 per semester*

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

**161891/161892 CHINESE 3 & 4**

**160311/160312 FRENCH 3 & 4**

**160411/160412 GERMAN 3 & 4**

**160511/160512 SPANISH 3 & 4**

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

*Duration: 2 semesters*

*Credit: 1 per semester*

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

**161881 /161881 H CHINESE 5 & 6**

**160351/160352 H FRENCH 5 & 6**

**160451/160452 H GERMAN 5 & 6**

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

*Duration: 2 semesters*

*Credit: 1 per semester*

*Grade Level:,11,12*



# 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.



# 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)



- Every student is expected to meet the requirements of the sanctioned NSAA activities determined by the NSAA.
- Grade checks for all athletes will be conducted several times per semester.
- Athletes with failing grades will be required to attend academic coaching and or tutoring.
- If positive progress is not made, athletes may be held out of competition until positive progress is made.

**The Philosophy of Athletics:** Physical education is a component of education that challenges students by providing opportunities to attain the skills and knowledge to be physically active as part of a healthy lifestyle. Regular participation in physical activity will allow students to develop a pattern of life-enhancing and self-rewarding experiences that contribute to their potential to be healthy members of society. It is the goal of physical education instruction in the Omaha Public Schools to develop students who understand and appreciate expressive and creative movement as participants and observers; who have wholesome self-concepts and an appreciation of others; who use leisure time in keeping fit and enjoying physical forms of recreation throughout adult life; and who demonstrates appropriate emotional, social, mental, moral, and ethical behavior.

See our website for more information: [Athletics Participation Information](#)

# NAIA Eligibility



THE NAIA ELIGIBILITY CENTER  
MUST MEET TWO OF THE THREE

1. TEST SCORE REQUIREMENT	2. HIGH SCHOOL GPA REQUIREMENT	3. CLASS RANK REQUIREMENT
<b>Achieve a minimum of 18 on the ACT or 970 on the SAT</b>	<b>Achieve a minimum overall high school grade point average of 2.0 on a 4.0 scale</b>	<b>Graduate in the top half of your high school class</b>
<p>Tests must be taken on an international testing date prior to the start of the term in which you intend to participate in athletics and scores must be achieved on a single test date. The minimum SAT must be achieved on the Evidence-Based Reading &amp; Writing and Math sections only; the Writing score cannot be used.</p> <p>Minimum score requirements for tests taken prior to May 1, 2019 varied.</p> <ul style="list-style-type: none"> <li>For tests taken prior to March 1, 2016: 18 ACT, 860 SAT (reading, math)</li> <li>For tests taken between March 1, 2016 and May 1, 2019: 16 ACT, 860 SAT (evidence-based reading &amp; writing, math)</li> </ul>	<p>The NAIA accepts the grade point average determined by the high school, provided it is recorded and awarded in the same manner as for every other student at the school.</p>	<p>If a student's class rank does not appear on the transcript, a signed letter from the principal or headmaster, vice principal or guidance counselor written on the school's letterhead and with the school's official seal, stating the student's final class rank position or percent may be submitted.</p> <p><b>Exception:</b> Completion of nine institutional credit hours prior to identification at any institution of higher education can be used if no class rank appears on the final official high school transcript. The credit hours must be completed with a grade of "C" or better.</p>

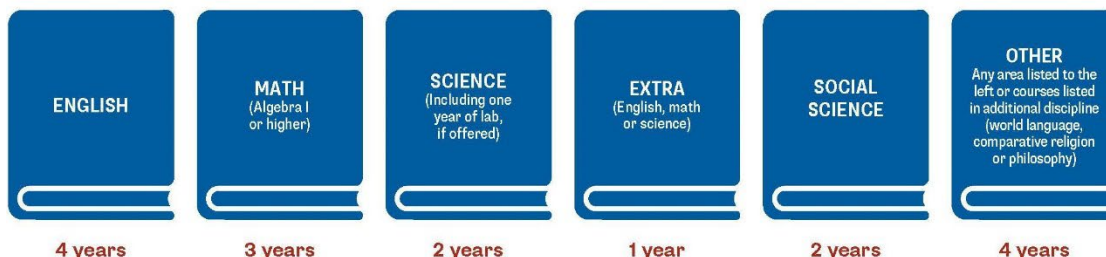
# Division I Requirements

## Division I Academic Standards

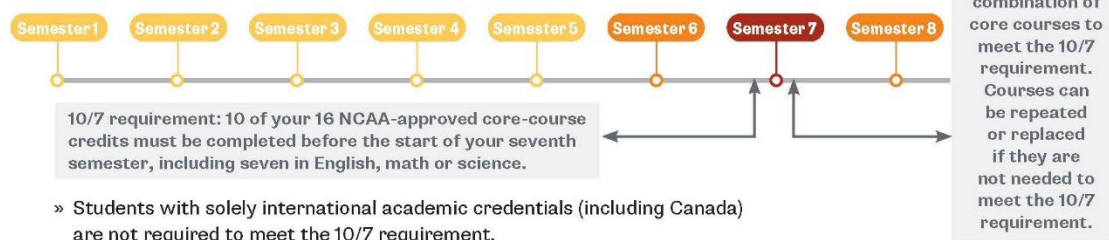
Division I schools require you to meet academic standards. To be eligible to practice, compete and receive an athletics scholarship in your first year of full-time enrollment, you must meet all the following requirements:



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



2. Complete 10 of your 16 NCAA-approved core-course credits, including seven in English, math or science, before the start of the seventh semester. Once you begin your seventh semester, any course that is needed to meet the 10/7 requirement cannot be replaced or repeated.



3. Complete your 16 NCAA-approved core-course credits in eight academic semesters or four consecutive academic years from the start of ninth grade. If you graduate from high school early, you still must meet core-course requirements.
4. Earn a minimum 2.3 [core-course GPA](#).
5. Ask your high school counselor to upload your [final official transcript](#) with proof of graduation to your Eligibility Center account.

**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 other

**4 CORE COURSES**

**10<sup>th</sup> GRADE**

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

**4 CORE COURSES**

**11<sup>th</sup> GRADE**

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

**4 CORE COURSES**

**12<sup>th</sup> GRADE**

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

**4 CORE COURSES**



# Division II Requirements

## Division II Academic Standards

Division II schools require you to meet academic standards. To be eligible to practice, compete and receive an athletics scholarship in your first year of full-time enrollment, you must meet all the following requirements:

1. 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)	EXTRA (English, math or science)	SOCIAL SCIENCE	OTHER Any area listed to the left or courses listed in additional discipline (world language, comparative religion or philosophy)
3 years	2 years	2 years	3 years	2 years	4 years

2. Earn a minimum 2.2 **core-course GPA**.
3. Ask your high school counselor to upload your **final official transcript** with proof of graduation to your Eligibility Center account.

### What If I Don't Meet Division II Standards?

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

### Division II Worksheet

Use the [Division II Worksheet](#) to assist you in monitoring your progress in meeting NCAA initial-eligibility standards. The Eligibility Center will determine your academic status after you graduate. Remember to check [your high school's list](#) of NCAA-approved core courses for the classes you have taken or plan to take.



### ACADEMIC CERTIFICATION DECISIONS

Academic certifications are required for all college-bound student-athletes planning to compete at an NCAA Division II school. If you're being recruited by a Division II school, below are the most common decisions you may receive once a certification has been completed.

#### EARLY ACADEMIC QUALIFIER

If you meet **specific criteria** after six semesters of high school, you may be deemed an early academic qualifier for Division II and may practice, compete and receive an athletics scholarship during your first year of full-time enrollment.

#### QUALIFIER

You may practice, compete and receive an athletics scholarship during your first year of full-time enrollment.

#### PARTIAL QUALIFIER

You may practice and receive an athletics scholarship, but may NOT compete, during your first year of full-time enrollment.



# Questions to Ask

## College Admissions

NCAA certification does NOT include acceptance to the NCAA school recruiting you. In addition to receiving your academic and amateurism certification from the Eligibility Center, you also must apply and be accepted to your NCAA school before you can compete on campus. Below are some important questions to ask college admissions staff as you make your decision:

- » Access to any extracurricular activities.
- » Admissions requirements.
- » Cost of attendance.
- » Degree programs.
- » Financial aid.
- » On-campus housing.
- » Schedule planning.
- » Student-athlete and non-student-athlete graduation rates.
- » Study abroad/internships.

## NCAA Coaches

Choosing the right college or university can sometimes seem like an overwhelming process. Below are some important questions to ask NCAA coaches during the recruiting process:

- » Academic resources.
- » Additional team requirements.
- » Athletic training and medical expenses.
- » Coaching philosophy and style.
- » Degree completion support.
- » Injuries and rehabilitation.
- » Mental health resources.
- » Playing time.
- » Scholarship renewals.
- » Team time demands.

Visit [on.ncaa.com/Choosing](https://on.ncaa.com/Choosing) for more suggestions of questions to ask NCAA schools recruiting you.

# Scholarships

NCAA Division I and II schools provide more than \$3.8 billion in athletics scholarships annually to over 195,000 student-athletes. (Division III schools do not offer athletics scholarships.) Be sure you understand what is covered by any offer of athletics aid you may receive from the NCAA school recruiting you, and the costs you would be responsible for outside of that aid.



**Only about 2% of high school athletes are awarded athletics scholarships to compete in college. Of the student-athletes participating in college sports with professional leagues, less than 2% become professional athletes. A college education is the most rewarding benefit of your student-athlete experience.**

Possible Elements of Financial Aid	Division I	Division II
Tuition and fees	✓	✓
Room and board	✓	✓
Books	✓	✓
Course-related books and supplies	✓	✓
Multiyear scholarship options	✓	✗
One-year scholarship option	✓	✓
Funding for degree completion to finish your bachelor's or master's degree after your time playing NCAA sports ends	✓	✓



# Official vs. Unofficial Visits

## Official Visit

An **official visit** is any visit to a college campus paid for by the NCAA school you're visiting. Before a Division I or II official visit, you must:

- » Be on the **institutional request list** of the NCAA school inviting you.
- » Send the NCAA school inviting you a copy of your high school transcript.
- » Register for an Eligibility Center **Academic and Amateurism Certification account**.

**Note:** In Division I, you cannot take an official visit during your sport's recruiting **shutdown period** or **dead period**. In Division II, cannot take an official visit during your sport's **dead period**. In Division III, you can be offered an official visit after Jan. 1 of your junior year of high school (or year 11 of secondary school).



## What can an NCAA school pay for during an official visit?

Division I	Division II	Division III
Transportation to and from the NCAA school you're visiting for you (and up to two family members).	Your transportation to and from the NCAA school you're visiting.	Your transportation to and from the NCAA school you're visiting.
Your lodging.	Your lodging.	Your lodging.
Up to three meals per day for you and up to four family members.	Your meals.	Up to three on-campus meals per day for you.
Reasonable entertainment expenses (including up to \$60 per recruited student-athlete and up to four family members accompanying you, including five tickets to a home sports event).	Reasonable entertainment expenses (including up to \$30 per recruited student-athlete and any family member accompanying you, including five tickets to a home sports event).	Reasonable entertainment expenses (including up to \$40 per recruited student-athlete and any family member accompanying you, including tickets to home sports events).

## Unofficial Visit

An **unofficial visit** is any visit to a college campus paid for by you or your family members. In Division I, you may take as many unofficial visits as you like after the **first permissible date** in your sport. **Note:** In Division I, you cannot take an official visit during your sport's recruiting **shutdown period** or **dead period**. In Division II, cannot take an official visit during your sport's **dead period**.

## What can an NCAA school pay for during an unofficial visit?

Division I	Division II	Division III
Complimentary admission (including three tickets for a home athletics contest).	Complimentary admission (including five tickets for a home athletics contest).	Complimentary admission (including tickets for you and those accompanying you).



# Secondary Grading Practices



## Secondary Common Grading Practices

## Department of Curriculum and Instruction Support



2022-2023

### Learning Goals

Teachers will provide students clear learning goals that reflect the content standard indicator and how they will show their teacher mastery of the content. Teachers are asked to write learning goals using student-friendly language. This could be done by rephrasing the expectation as "I can..." The verb selection in a learning goal reflects the rigor of the learning.

### Student Accommodations

Accommodations are provided to students with special needs without adjusting or reducing grades. Accommodations for students with Individual Education Plans (IEPs) or 504 plans may change requirements for quantity of work, time allotted, presentation format, type of evidence, etc.

### Modifications

Modifications that alter course content or assessments are not used.

### Transfers

Students who transfer from outside of OPS will have their grades from their previous schools averaged with their current scores to more accurately reflect the student's level of learning. Teacher discretion, with the assistance of school administration, is used when students transfer from one OPS school to another to determine placement and acceptance of prior credits.

### Late enrollments for Out of School Students

Determination of grades for late enrollees (who have been out of school) will depend upon the number of days and assignments missed in that grading period that cannot be made up. After school assistance will need to be considered.



Omaha Public Schools does not discriminate on the basis of race, color, national origin, religion, sex, marital status, sexual orientation, disability, age, genetic information, citizenship status, or economic status in its programs, activities and employment and provides equal access to the Boy Scouts and other designated youth groups. The following individual has been designated to address inquiries regarding the non-discrimination policies: Superintendent of Schools, 3215 Cumming Street, Omaha, NE 68131 (531-299-0310).

### Student Tracking of Grades

Teachers are strongly encouraged to have students reflect on their learning, record scores, and develop a plan of action for improvement. Student tracking of goals and achievement increases student motivation and completion of work. Student grades can be viewed online using the Campus Portal. Contact your school to sign up for Campus Portal access for both families and students.

### Checkpoints and Final Due Dates

For larger projects, student learning is chunked into manageable segments with mid-unit checkpoints and feedback. Final due dates are posted in Campus Portal.

### Samples of Student Work

Samples of student work that are both strong and weak should be provided by teachers and examined by students so that expectations for advanced, proficient, and basic levels of learning on the proficiency scale or rubric are clear.

### Posted Scores/Grades

Scores of 4(Advanced), 3(Proficient), 2(Basic), 1(Below Basic), and 0(Failing), are proficiency levels on an individual assignment or assessment. A grade is the culmination of all scores for the course. Scores will be updated every other week in Infinite Campus (district grade book). In addition, teachers communicate to students the updated progress grades bi-weekly. Check Campus Portal for updates.

### Campus Portal Update

Student grades may be viewed on the OPS web-based Campus Portal. Schools send home quarterly progress reports and report cards to parents every nine weeks.

### Group Grades

Group grades are not utilized.

### Extra Credit

There is no extra credit.

### Bell Curve

Grading is never based on the bell curve. Grading on a curve is not based upon an individual student's work and should never be used.

### Professional Judgment in Grading

Teachers make decisions every day informally about student learning through observations, oral discussions, group interactions, practice work, projects, etc. Sometimes there is dissonance between how students test and the actual level of learning reflected in a grade. In such incidences, teachers may choose to exercise professional judgment to more accurately reflect the level of learning the student achieved.

Teachers should reflect on quarter grades to make sure that the grade given accurately represents what a student knows and can do. Professional judgment decisions different from grading evidence should be documented and shared with families and building administration before grades are turned in for the grading period.



# Secondary Grading Practices

## Overview

Grades for students enrolled in the Omaha Public Schools (OPS) are based on achievement of District-wide/State content standards, which specify what students should know and be able to do. Standards are the same across schools and classrooms for the same courses in the Omaha Public Schools. These common grading practices are intended to ensure students have the knowledge and skills necessary for the next level of a course, the next grade or readiness for college or the workforce.

## Purpose and Intended Use

Common grading practices provide specific, clear learning goals for students, parents, teachers and administrators of what a student must know and be able to do to master the content of a course. They allow teachers to be consistent with best practices from grading based on educational research. Most importantly, common grading practices provide clarity for students and families as to what the grading criteria and expectations are between and amongst teachers, courses, and schools in OPS.

## Proficiency Scales

Proficiency scales are established levels of learning that are standardized at the district level for each course, and they are broadly written to allow teachers to use the same scale for multiple assignments/projects. Proficiency scales are available to students and parents by posting them in the classroom and publishing them in a course syllabus or on the teacher's website.

Level of Performance	Score	Description
Advanced	4	<ul style="list-style-type: none"> <li>The student consistently demonstrates a thorough understanding of course content/grade level standard by making in-depth inferences and showing extended applications of the course content/grade level standard.</li> <li>The student performs consistently at a high level of difficulty, complexity, or fluency that is above the expected course content/grade level standard.</li> <li>Exceeds expected course content/grade level standard</li> <li>Applies skills and strategies in new and unfamiliar situations</li> </ul>
Approaching Advanced	3.5	<ul style="list-style-type: none"> <li>The student demonstrates partial success at showing a thorough understanding of course content/grade level standard by making inferences and applications of the course content/grade level standard.</li> <li>The student performs with partial success at a high level of difficulty, complexity, or fluency that is above the expected course content/grade level standard.</li> <li>Demonstrates success toward exceeding course content/grade level standard</li> <li>Meets expected course content/grade level standard</li> <li>Applies skills and strategies consistently in familiar situations, and at times in unfamiliar situations</li> </ul>
Proficient	3	<ul style="list-style-type: none"> <li>The student demonstrates a proficient understanding of the expected course content/grade level standard(s).</li> <li>The student performs at the level of difficulty, complexity, or fluency that is at the expected course content/grade level standard.</li> <li>Meets expected course content/grade level standard</li> <li>Information and applies skills and strategies in familiar situations</li> </ul>
Approaching Proficient	2.5	<ul style="list-style-type: none"> <li>The student demonstrates an adequate understanding of the information for the course content/grade level standard(s).</li> <li>The student performs with partial success at the level of difficulty, complexity, or fluency that is at the expected course content/grade level standard.</li> <li>Meets expected course content/grade level standard</li> <li>Applies skills and strategies in familiar situations</li> </ul>
Basic	2	<ul style="list-style-type: none"> <li>The student demonstrates a basic understanding of the information expected for the course content/grade level standard(s).</li> <li>The student performs the skills required for the course content/grade level standard at a basic level of difficulty, complexity, or fluency.</li> <li>Meets expected course content/grade level standard</li> <li>Applies skills and strategies in familiar situations</li> </ul>
Approaching Basic	1.5	<ul style="list-style-type: none"> <li>The student demonstrates some basic understanding of the information expected for the course content/grade level standard(s).</li> <li>The student struggles to perform the skills required for the course content/grade level standard at a basic level of difficulty, complexity, or fluency.</li> <li>Meets expected course content/grade level standard</li> <li>Applies skills and strategies in familiar situations</li> </ul>
Below Basic	1	<ul style="list-style-type: none"> <li>The student demonstrates difficulty in understanding the information and performing the skills expected for the course content/grade level standard(s).</li> <li>Performs below expected course content/grade level on the standard</li> <li>Has difficulty retaining information and applying skills and strategies</li> <li>Meets expected course content/grade level standard</li> <li>Applies skills and strategies in familiar situations</li> </ul>
Failing	0	<ul style="list-style-type: none"> <li>The student demonstrates no evidence of understanding the information or skills required for the course content/grade level standard(s).</li> </ul>

## Coursework Types

The three types of coursework include Practice, Formative, and Summative. Coursework may be expected to be completed during class time or outside of school.

- Practice (0%)** assignments are brief. They are done to learn a new skill or to gain initial content knowledge, (e.g., student responses on white boards, a valid sampling of math problems, keyboarding exercises, diagramming sentences, checking and recording resting heart rate). Practice assignments are not generally graded for accuracy (descriptive feedback will be provided in class) and are not a part of the grade. Practice work is at the student's instructional level.
- Formative (35%)** assessments/assignments are done for learning. They are minor assignments, (e.g., a three-paragraph essay, written responses to guiding questions over an assigned reading, completion of a comparison/contrast matrix). Formative assignments are graded for accuracy and descriptive feedback is provided. Descriptive feedback provides the student with the necessary information to improve their learning. Formative work is at the student's instructional level and/or grade level standards. It is suggested to have three to five formative assessments for every one summative assessment. Formative assessments may be assigned to be completed at home or at school.
- Summative (65%)** assessments/assignments are major end of learning unit tests or projects, (e.g., a research paper, an oral report with multimedia, science fair project). Summative assignments are graded for accuracy. Summative assignments assess the student's progress on grade level standards. Summative assessments may be assigned to be completed at home or at school.

## Coursework Amounts

Coursework that is expected to be completed at home should average no more than ten minutes per day times the student's grade level. These minutes reflect the total minutes of coursework per day for all subjects. This is a broad estimate that will vary drastically depending on the courses taken, the speed of completion of tasks, student ability to work independently outside of class, the number of study halls, and the amount of time provided in class for coursework.

## Redoing/Revising Coursework

Students may be allowed redos and revisions of coursework for full credit during that unit of study based upon the teacher's professional judgment and evidence collected throughout the unit. Scores for student work after retaking, revising, or redoing work will not be averaged with the first attempt at coursework or assessment, but will replace the original student's score.

## Missing Coursework

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.

## Late Coursework

Students are expected to complete coursework on time. Late coursework may be accepted for full credit until the end of the unit based on teacher's professional judgment and evidence collected throughout the unit. Accepted late work will not result in a reduction, and the M (missing) will be replaced with the score earned by the student. The teacher or school may make exceptions depending upon student circumstances such as prolonged absences due to illness.

## Rubrics

Rubrics are teacher-created scoring guides that are specific to an assignment, a skill, or a project and are based upon the levels in the proficiency scale for that course. Rubrics should be available to students and parents by posting them in the classroom and publishing them in a course syllabus or on the teacher's website.

## Leveled Assessments

All graded assignments, projects, and assessments will have opportunities for students to demonstrate advanced, proficient, and basic levels of learning to ensure rigor and that students can reach the highest possible level of proficiency.

- Level IV (Advanced)** tasks allow students to apply their knowledge and skills to new or related situations or scenarios. Level four tasks start with application, analysis, and move into synthesis and evaluation.
- Level III (Proficient)** tasks (the target of instruction) consist of complex knowledge and skills and include application and analysis.
- Level II (Basic)** tasks are basic recall and simple skills which include knowledge and comprehension.



## Weighting Assignments (Using a Multiplier)

When entering grades in the grade book, teachers may assign greater weight to some assignments. For example, the final exam may impact a student's summative grade more than a unit test. Teachers will have the option to use a whole number multiplier to weight both formative and summative assessments to a maximum of four. If a weight of two or more is applied to an assessment, this information will be communicated to students prior to the day of the assessment.

## Grade Calculations

Students will receive a proficiency level of: 4/Advanced; 3.5/Approaching Advanced; 3/Proficient; 2.5/Approaching Proficient; 2/Basic; 1.5/Approaching Basic; 1/Below Basic and; 0/Failing on scored assignments and assessments.

Teachers will place scores for formative and summative coursework in folders within Infinite Campus (district grade book) that are weighted at 35% of the final grade for formative and 65% of the final grade for summative. The final score for each of these categories will then be averaged to obtain the student's final grade.

At the end of a grading period, the final scores in the formative and summative categories will be used to determine a student's overall grade for the course. The overall grade will be determined using the OPS Grading Scale.

## OPS Grading Scale

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



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 ([equityanddiversity@ops.org](mailto:equityanddiversity@ops.org)), 3215 Cuming St, Omaha, NE 68131 (531-299-0307).