

Mission Statement

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

Vision Statement

The vision of Omaha Northwest High School, a Community of Learners, is to prepare students for the 21st Century.

Belief Statement

We believe: in the value of each individual; in encouraging students to develop to their fullest potential; in developing life-long learners and responsible citizens; in fostering leadership abilities; in providing a positive learning environment.

History

Northwest, sitting on 61 acres of land, first opened its doors in 1971. Northwest High School is the proud home of the Huskies. In 2013, Northwest became a Law, Government and International Diplomacy Magnet. Beginning the 2022-2023 school year, Northwest will be a pathway school with focuses on Emergency Services, Legal Studies and Community and Public Service.



Omaha Northwest High Magnet School 8204 Crown Point Avenue Omaha, NE 68134 Phone (531)299-2740—Fax (531)299-2779 https://northwest.ops.org

Twitter: @OPSNorthwest

Facebook: Northwest High Magnet

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, individual has been designated to address inquiries regarding the non-discrimination policies: Superintendent of Schools, 3215 Cuming Street, Omaha, NE 68131 (531) 299-0220.

Principal's Greeting

Hello Husky Nation

Welcome to Northwest High School 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!



Administrative Team

Dr. Kimberly Jackson-Principal

Andrew Webb- Assistant Principal

-Academics

Shannen Peterson- Assistant Prin-

cipal-Athletic Director

Scott Peters- Assistant Principal--

Activities Director

Panyoua Yang - Dean of Students

Zach Simon- Dean of Students

Dana Gray—Dean of Students

Curriculum Specialists

Mark Seaberg- Math, English, World Language, English Learners

Teresa Bender- Science, Social

Studies

Julianne Fant- Business, IT, FCS, PE, Art, Music, Industrial Tech,

JROTC

Special Education Department

Head

Jill Lewis

School Counseling Team

Josette Lovercheck – School Coun-

seling Director

Julie Betterton

Don Ferree

Kathryn McQueen-Eichmann

Jennifer Rotherham

Jennifer Weeder

Melinda Weller

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Graduation Requirements

Omaha Public Schools Graduation & College Entrance Requirements



	OPS GRADUATION REQUIREMENTS	COLLEGE ENTRANCE REQUIREMENTS*	
SUBJECT	CREDITS	YEARS	
English	8 CREDITS Grade 9 - English 1 & 2 Grade 10 - English 3 & 4 Grade 11 - English 5 & 6 Grade 12 - English 7 & 8	4 years Fulfilled by OPS requirements	
Social Studies	7 CREDITS Grade 9 – U.S. History 1 & 2 Grade 10 – Human Geography & Intro to Economics Grade 11 – World History 1 & 2 Grade 12 – American Government	3 years Fulfilled by OPS requirements	
Mathematics	6 CREDITS Grade 9 – Math as Recommended Grade 10 – Math as Recommended Grade 11 – Math as Recommended	3 years Algebra 1-2, Geometry 1-2, Algebra 3-4, UNL – One additional year of math beyond Algebra 3-4	
Science	**6 CREDITS Grade 9 - Physical Science 1 & 2 Grade 10 - Biology 1 & 2 Grade 11 - Science Elective	3 years Fulfilled by OPS requirements UNL, UNO, UNK – 2 years must be selected from Biology, Chemistry, Physics, or Earth Science	
Physical Education	4 CREDITS		
Human Growth & Development	1 CREDIT	N/A	
Personal Finance	1 CREDIT Grade 12 – Personal Finance		
Electives	16 CREDITS Consider education plans and interests		
World Language	N/A	2-3 years of the same language	
TOTAL	49 CREDITS REQUIRED For all OPS High Schools		

RECOMMENDED ON TRACK INDICATORS

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

Note: 49 Credits are required to graduate.

'NEBRASKA COLLEGE ENTRANCE REQUIREMENTS:

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

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

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

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

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

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

Course Planner

9th Grade

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

10th Grade

Semester 1	Semester 2
English 3 (H)	English 4 (H)
Intro to Economics (H)	Human Geography (H)
Math: Recommended level	Math:
Biology 1 (H) or Science Elective	Biology 2 (H) or Science Elective
Human Growth	Elective:
Elective:	Elective:
Elective:	Elective:

11th Grade

Semester 1	Semester 2
English 5 (H)	English 6 (H)
World History 1 (H)	World History 2 (H)
Math: Recommended Level	Math
Science Elective:	Science Elective:
Elective:	Elective:
Elective:	Elective:
Elective:	Elective:

12th Grade

Semester 1	Semester 2
English 7 (H)	English 8 (H)
Government (H)	Personal Finance (H)
Math	Math
Science Elective:	Science Elective:
Elective:	Elective:
Elective:	Elective:
Elective:	Elective:

^{**}Underlined courses signify graduation requirements

Portrait of a Graduate



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



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

Portrait of a Graduate



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



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.



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





The Avenue Scholars Foundation was organized with a pledge to support talented students with financial need get through higher education and into the workforce. Scholars are selected in the spring of their sophomore year and are served by a fulltime Avenue Scholars Talent Advisor. The Talent Advisor meets with juniors and seniors during a regularly scheduled class period. The class curriculum focuses on: academic success; establishing and achieving personal goals; pursuing individual success; understanding the college process; career exploration; volunteer work; and team building.

Avenue Scholars continue to receive highly individualized and comprehensive support throughout their post-secondary education. For those attending a community college or vocational school, the program provides unique transitional support into the workforce or into a four-year public or private college program. During the post-secondary years, an Avenue College Talent Advisor coordinates campus services, housing, and transportation; organizes academic and financial services: and plans special events and programs to enhance campus life for Avenue students.

Dual Enrollment

Dual Enrollment provides high school students the opportunity to take college-credit bearing courses taught by collegeapproved 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 Magnet Program courses.

Courses:

AP Calculus AP English Literature AP World History H Intro to Edu CAD 1-2

CAD 3-4

Honors Personal Finance Intro to Criminal Justice Police & Society The Constitution

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 program gives students college level experience while still in high school

Courses:

AP Biology AP Calculus A/B

AP Chemistry AP Environmental Science

AP English Language AP English Literature

AP Human Geography AP Physics AP Spanish Language **AP Statistics**

AP US History AP US Government

AP Comparative Government

AP World History

General Information

GRADE POINTS

Grade points earned for each course are awarded as follows:

Grade Earned	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 Magnet School offers over 60 Honors Classes and more than a dozen 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.

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, and a 3.5 grade point average is required. A recognition program is held to award honorees.

ACADEMIC LETTER

The prestigious Academic Letter is awarded for academic excellence. The Academic Letter encourages students to maintain a high GPA while taking advantage of the extensive curriculum offered at Northwest High Magnet School. 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, a junior, or a senior must rank in the top five percent (5%) of his/her class.

SCHEDULE CHANGES

Students register for classes each spring and have an opportunity to review their course selections. Course changes are permitted only under the following conditions:

- a credit was recovered in Summer School or Adult High School;
- a conflict in the schedule cannot be adjusted without dropping or changing a course;
- a scheduling error if different from course registration sheet
- the student needs an additional course to meet graduation requirements.
- Honors/AP courses are year-long courses; 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 computations. Requests to drop a course should be initiated by the student or parent to the counselor.

General Information

REGISTRATION GUIDELINES

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

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

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

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

COURSE 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: Assistant Superintendent of Curriculum, Instruction and Support

If the course placement appeal is not resolved at Level One and the individual still wishes to pursue the appeal, he/she may formalize the appeal in writing addressed to the Assistant Superintendent of Curriculum, Instruction and Assessment at 3215 Cuming Street, Omaha, NE 68131.

Level Three: Superintendent

If the appeal is not resolved at Level Two and the individual still wishes to pursue the appeal, he/she may formalize the appeal to the superintendent of schools after receiving a written response from the Assistant Superintendent of Curriculum, Instruction and Assessment.

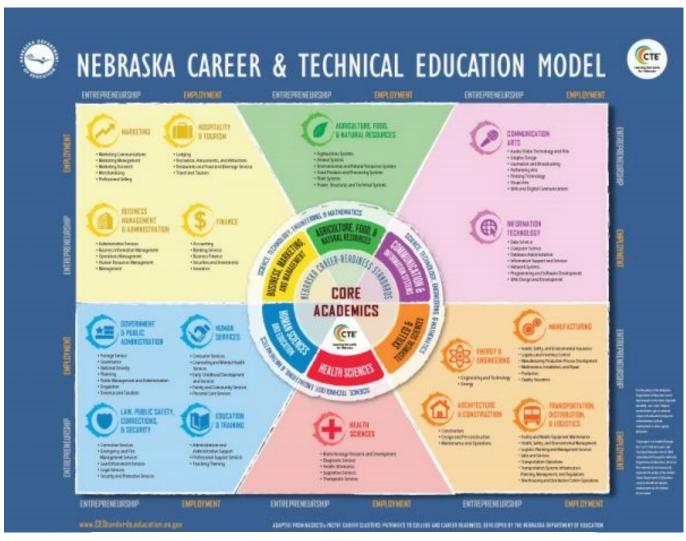
These steps shall be taken in a timely manner to accommodate the registration of courses for the school year in question.

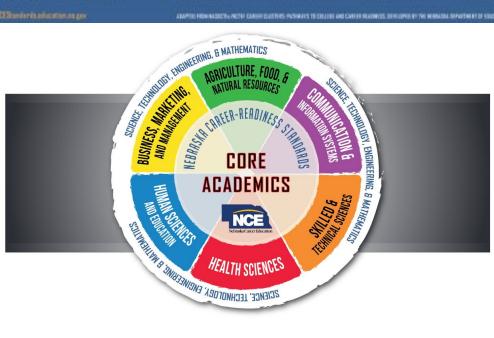
CREDIT RECOVERY GUIDELINES

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

- Credit Recovery may be delivered in a variety of methods and during a variety of times.
- 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 are providing 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 prior to the end of the term, final grades will need to be posted during the normal grading windows.
- Students 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

Career Pathways





Subject	First course	Second Course	Third Course	Fourth Course
	Art 1-2	Art 3-4	Art 5-6	Art 7-8
A.c.	Pottery 1-2	Pottery 3-4	Pottery 5-6	Pottery 7-8
Art	Computer Graphic	Computer Graphic		
	Design 1-2	Design 3-4		
	Principles of Business,	Accounting 1-2	Accounting 3-4	Entrepreneurship
Business	Marketing and Manage- ment 1-2	Marketing 1-2	Marketing 3-4	
	Drama 1-2	H. Drama 3-4	H. Drama 5-6	H. Drama 7-8
Drama		Stagecraft 1-2	Adv. Stagecraft 1-2	
Family Consum-		Child Development	H Child Development	Sports Nutrition
		Human Growth & Devel-		
er Science		opment		
Industrial Tech	CAD 1-2	CAD 3-4	CAD 5-6	H. CAD 7-8
	Industrial Mat Pro 1-2	Industrial Mat Pro 3-4	Industrial Mat Pro 5-6	H. Industrial Mat Pro 7-8
Information Tech	H Intro to Digital Design	H Digital Media	Web Design 1-2	H. Web Site Management 3-
Journalism	Journalism 1-2	Photo Journalism 1	Digital Journalism 1	H Yearbook 1-2
Math	Algebra 1-2	Geometry 1-2	Algebra 3-4	Pre-Calc/Trig 1-2
Dhysical Educa	Physical Education 1-2	Aerobics	Weight Training	Adv. Weight Training
Physical Educa-		Team Sports		
tion		Lifetime Sports		
	Physical Science	Biology	Science elective	
Science	Biology	Science Elective		
Social Studies	US History (H or AP)	Human Geography (H or AP) and Economics (H)	World History (AP)	Government (AP)

Art

Required Courses:

All courses count toward elective graduation requirements.

Honors Courses:

Honors Art 5 & 6 Honors Art 7 & 8 Honors Studio Art 1 & 2 Honors Pottery 3 & 4 Honors Advanced Pottery 5 & 6 Honors Advanced Applied Design 1 & 2

Elective Courses:

Art 1 & 2 Art 3 & 4 Advanced Painting 1 & 2 Applied Design 1 & 2 Advanced Applied Design 1 & 2 Art Appreciation

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:11,12

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: 11, 12

HONORS ART 5 & 6

HONORS 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.*

Art

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.

Duration: 1 semester Credit: 1 per semester Grade Level: 11, 12

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: 11, 12

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: Successful completion of Pottery 1-2 with a C or better or teacher permission.*

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

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. *Prerequisite: Pottery 3-4 with a grade of C or better or instructor permission.*

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

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.*

Art

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: 11, 12

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*

Required Courses:

Personal Finance

Honors Courses:

Honors Accounting 3 & 4

Honors Advanced Accounting 1 & 2

Honors Career Foundations 1

Honors Intro to Business

Honors Management and Leadership 1 & 2

Honors Marketing 3 & 4

Honors Personal Finance

Elective Courses:

Accounting 1 & 2

Business and Consumer Law 1 & 2

Business Internship Lab 1 & 2

Career Foundations 1

International Business

Marketing 1 & 2

Marketing Internship 1 & 2

Entrepreneurship 1 & 2

Personal Finance

Principles of Business, Marketing, and Management 1 & 2

IT Support Practicum 1 & 2

ACCOUNTING 1 & 2

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

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

BUSINESS AND CONSUMER LAW 1 & 2

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

concepts and technology are integrated throughout the curriculum

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

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

HONORS MARKETING 3 & 4

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

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

MARKETING INTERNSHIP 1 & 2

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

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

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, operation of school-based business, or actual creation of a student-run business.

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

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

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.

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. This course has the option of Dual Emollment with Metro Community College.

Career Studies

Required Courses:

All courses count toward elective graduation requirements.

Elective Courses:

Avenue Scholars 1 & 2

Honors Courses:

H Intro to Education 1 & 2

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. *Prerequisites: Application and program approval*

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

LIFESPAN DEVELOPMENT

Course Number/ID: 141161

Course Description/Narrative: 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

PRINCIPLES OF EDUCATION AND TRAINING

Course Number/ID: 141171

Course Description/Narrative: 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. This course can be dual enrolled through UNO, based on teacher HLC guideline credentials, for TED 1010 for 3 credits.

Career Center



ALL Students can APPLY!

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





Applications are in your email!
Career Center Application 22-23....

Dec 2021

Connecting Today's Students
With Tomorrow's Careers

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 Credis/Semester

- Operate a wide range of hand and power tools for residential and commercial projects.
- Develop important hands-on silts 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 wring projects and internship.

Welding

(10, 11, 12) 2 Credits/Semester

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

Core/Academic Courses

(10, 11, 12) 1Credits/Semester

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

Certified Nursing Assistant

(Must be 16 by course completion)

(11,12) 2 Credits/Semester

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

Emergency Medical Technician

(Must be 18 by course completion) (12) 2 Credits/Semester

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

Information Support & Networking (10, 11, 12) 2 Credits/Semester

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

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

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

Zoo Academy

(11, 12) 2 Credits/Semester

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

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

Number of Credits Required for Graduation:

Eigh

Required Courses:

English 1 & 2

English 3 & 4

English 5 & 6 or AP® Language & Composition

English 7 & 8 or AP®Literature & Composition

Honors Courses:

Honors English 1 & 2

Honors English 3 & 4

Honors Advanced Drama 5 & 6

H Yearbook 1 & 2, 3 & 4, 5 & 6

H Newspaper 1 & 2, 3 & 4, 5 & 6

Honors Advanced Creative Writing 1 & 2

Honors Speech 1 & 2

H Journalism 1 & 2

AP® Courses:

English Language & Composition 1 & 2

English Literature & Composition 1 & 2

Elective Courses:

ACT Test Prep

Creative Writing 1 & 2

Drama 1 & 2

Advanced Drama 3 & 4

English Review

Stagecraft 1 & 2

Advanced Stagecraft 1 & 2

Journalism 1 & 2

Literacy Skills 1 & 2

Academic Literacy 1 & 2

Word Study Digital Journalism Photojournalism

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

ENGLISH 5 & 6

English 5-6 continues a focus with increasing complexity on the Nebraska State Standards for Language Arts which include reading, writing, speaking, listening, and multiple literacies. Students use a variety of unique conceptual lenses related to the American experience (freedom, struggle and persecution, movements and justice, American dreams and disillusionment) to gain command of essential skills in written and oral communication and the reading of literary and informational texts. Students use the writing process to produce five required pieces per semester in a variety of modes (narrative, persuasive, argumentative, analytical, and technical).

Duration: 2 semesters Credit: 1 per semester Grade Level: 11

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.

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

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

ACT TEST PREP

This course is designed for college-bound students to help prepare them for college entrance exams, i.e. ACT, SAT, PSAT. Emphasis will be on vocabulary, literacy skills, writing skills and grammar. Math and science will also be covered. *Prerequisites: English 3 -4 with a grade of C or better and English teacher recommendation*

Duration: 1 semester Credit: 1 credit Grade Level: 11

WORD STUDY

This course examines the Greek and Latin roots of English words. Students will learn to think and read with more understanding and to expand their usage of adult vocabulary. It is a college preparatory course designed to prepare students for the ACT and SAT examinations.

Duration: 1 semester Credit: 1 per semester Grade level: 11

CREATIVE WRITING 1 & 2

This course allows students to develop their writing talents through activities, which focus on the writing of fiction and nonfiction works. This may include the writing of the short story, poetry, the essay, drama, and other forms of writing as assigned.

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

HONORS ADVANCED CREATIVE WRITING 1 & 2

This course is similar to Creative Writing 1-2. However, this course allows students, individually, to spend more time doing indepth writing in genres of special interest to them.

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. Honors credit is available for this course. *Duration: 2 semesters*

Credit: 1 per semester Grade Level: 11, 12

ADVANCED DRAMA 3 & 4

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

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

HONORS ADVANCED DRAMA 5 & 6

This course is a continued in-depth study and application of acting principles and techniques, drama terminology, and special topics in drama/theater. Students will also learn and apply the fundamentals of acting, directing, and playwriting to create and perform original and scripted performance pieces for high school, middle school, and elementary school students. Students are required to attend and critique all school plays and musical productions and attend and critique one additional live stage production per semester. Students will be required to participate in activities both in and out of class requiring additional preparation and work including critiques, projects, and papers as assigned by the instructor. This course may be taken more than one time for credit. Prerequisite: Average B or above in Drama 3-4 and teacher permission.

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

H SPEECH 1 & 2

This class develops students speaking and acting skills on a competitive level. Students will be an active member of Northwest's Forensic Speech Team. Advanced Speech requires students to participate in a minimal of three (3) competitive speech events per semester. The formal speech season begins in November and ends in March. Each student will chose their events and develop their public address or interpretive event speeches independently in accordance with the National Forensics League's guidelines. This course is non-traditional class and runs as a workshop; students must be focused and self-motivated as the teacher acts as coach and facilitator. This is a NSAA sanctioned event therefore subject to the NSAA grade requirements for participation.

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

ENGLISH REVIEW

This course, one semester in length (presented both semesters), allows a student the one-time opportunity to remove an English credit deficiency for English 1-8. The course addresses all reading, writing, speaking and listening standards. Five formal compositions are required.

Year 1	Year 2	Year 3	Year 4
I 1' 1.2	H Newspaper 1-2	H Newspaper 3-4	H Newspaper 5-6
Journalism 1-2	H Yearbook 1-2	H Yearbook 3-4	H Yearbook 5-6
Honors Journalism 1-2	H Digital Journalism 3-4	H Digital Journalism 5-6 Available starting 21-22	H Digital Journalism 7-8 Available starting 22-23
Photojournalism/Digital Journalism		Editorial Leadership Available starting 21-22	Editorial Leadership Available starting 22-23

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.

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

DIGITAL JOURNALISM 1

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

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

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: 11, 12

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

H YEARBOOK 5 & 6

Students enrolled in this course are responsible for the production of the school yearbook. Students work individually and collaboratively on their assignments. Quality writing, editing, advertising, photography, and layout design skills are required. Students will assume additional responsibilities and assignments. This course is for third year yearbook students. *Prerequisites:* Successful completion of a "C" or higher in Honors Yearbook 3-4 AND requires Journalism Adviser permission.

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

STAGECRAFT 1 & 2

This course 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 additional, 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. Students are required to pass all safety tests during the first 9 school days. Failure to complete this requirement will result in removal from the course.

ADVANCED STAGECRAFT 1 & 2

This course 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 riggings, 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. Students are required to pass all safety tests during the first 9 school days. Failure to complete this requirement will result in removal from the course.

Duration: 2 semesters

Credit: 1 per semester Grade Level: 11, 12

English as a Second Language

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

Required Courses:

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

Elective Courses:

ESL 1 & 2/ESL 1 & 2 Extension

ESL 3 & 4/ESL 3 & 4 Extension

ESL Reading 1 & 2/ESL Reading 1 & 2 Extension ESL Reading 3 & 4/ESL Reading 3 & 4 Extension ESL Reading 5 & 6

ESL Social Studies Foundations 1 & 2

ESL Science Foundations 1 & 2

ESL Science Foundations 3 & 4

ESL Tutorial 1 & 2

ESL Social Studies Foundations 3

ESL Human Geography

Academic Language Study EL

This course is designed for the beginning ESL student. The focus of this course will be to develop basic communication skills, a beginning English language vocabulary, and a primary understanding of grammatical structures. This course is typically for a first-year English language learner.

ESL 1 & 2 EXTENSION

This course is a continuation of ESL 1-2 for the beginning ESL student. The focus of this course will be to develop basic communication skills, a beginning English language vocabulary, and a primary understanding of grammatical structures. This course is typically for a first-year English language learner.

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

ESL READING 1 & 2

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

ESL READING 1 & 2 EXTENSION

This course is a continuation of ESL 1-2 for the beginning ESL student. The focus of this course will be to develop basic communication skills, a beginning English language vocabulary, and a primary understanding of grammatical structures. This course is typically for a first-year English language learner.

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

ESL 3 & 4

This course is designed for the intermediate ESL student. The focus of this course will be to continue the development of communication skills, English language vocabulary, and understanding of grammatical structures. Successful completion of learning goals from ESL 1-2 or demonstration of equivalent skills is required for registration in this course.

ESL 3 & 4 EXTENSION

In this course, intermediate ESL students discover how to use and expand writing, reading, and communication skills to ensure academic success. This class will focus on syntax, vocabulary development, reading, listening comprehension, speaking/pronunciation skills, and writing multiple-paragraph compositions demonstrating organization of ideas, use of a thesis statement, and supportive elements. Instruction of grammar and vocabulary will be infused in the context of reading with academic writing skills emphasized. This course contributes to skills ESL students need to be successful in mainstream classes.

English as a Second Language

ESL READING 3 & 4

This course is designed for intermediate ESL students to improve reading skills. Emphasis is on developing comprehension skill through fluency, summarizing and sequencing events in a reading passage, recognizing cause and effect, and using systematic strategies to locate information from textbooks, charts, graphs, and tables. Successful completion of learning goals from ESL Reading 1-2 or demonstration of equivalent skills is required for registration in this course.

ESL READING 3 & 4 EXTENSION

This course is designed for intermediate ESL students. The focus of this course is to improve reading and writing skills. Students will continue developing comprehension, vocabulary, speaking, listening, and writing/grammar in context. All concepts will be taught through small and whole group instruction focusing on differentiation of reading material to ensure academic success of all students.

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

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: 11, 12

ESL READING 5 & 6

This course is designed for advanced ESL students with a focus on developing increased fluency in reading more advanced materials. Students will develop comprehension strategies and build vocabulary skills, as well as develop capacity for written response to a variety of reading materials. Successful completion of learning goals from ESL Reading 3-4 or demonstration of equivalent skills is required for registration in this course.

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

ESL SOCIAL STUDIES FOUNDATIONS 1 & 2

This course provides the beginning ESL student with basic background information about U.S. history, geography, and government. This course develops study skills, builds vocabulary, and leads to an understanding of key events and historical figures, preparing students for participation in the high school social studies curriculum.

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

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 1914 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, culture, and the elements of citizenship. Students investigate these themes using textbooks, newspapers, novels, primary sources, and technology.

Prerequisites: Referral by ESL building staff

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

ESL SCIENCE FOUNDATIONS 1 & 2

This course provides the beginning ESL student with science-related vocabulary and an introduction to science concepts. Students prepare for success in the high school science curriculum.

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

ESL TUTORIAL 1 & 2

This non-credit section offers ESL students support for other credit courses. Tutorial assistance is offered in individualized settings, with instruction available in identified need areas.

Duration: 2 semesters Credit: 0 per semester Grade Level: 11, 12

ESL SOCIAL STUDIES FOUNDATIONS 3

This course provides the ESL student with continued study regarding U.S. History, Geography, and Government. This course develops study skills, builds vocabulary, and leads to an understanding of key events and historical figures, preparing students for participation in the high school social studies curriculum.

ESL HUMAN GEOGRAPHY

What is HUMAN GEOGRAPHY? This course provides an effective method for studying human activities on Earth's surface. Human interaction with one another and the environment will be studies and analyzed to provide an understanding of the world in which we live. The course is divided into four units: Population & Cultural Geography, Urban Geography, Political Geography, and Economic & Environmental Geography.

Duration: 1 semester Credit: 1 per semester Grade Level: 11, 12

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

Duration: 2 semesters Credit: 1 per semester

Family & Consumer Science

Required Courses:

Human Growth and Development (can be opted out of)

Honors Courses:

Honors Human Growth & Development

Elective Courses:

Family Living 1 & 2
Culinary Skills 1 & 2
Sports Nutrition
Textile Construction & Design 3-4

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

CULINARY SKILLS 1 & 2

This course introduces professional skills related to the culinary industry including basic cooking procedures, kitchen safety and sanitation, tool and equipment usage, and preparation of stocks and sauces. Students will apply these skills through catering projects and experiences. (Prerequisite: C or better in Foods 1-2) Students are required to pass all safety tests during the first 9 school days. Failure to complete this requirement will result in removal from the course.

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

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: 11, 12

TEXTILE CONSTRUCTION & DESIGN 3-4

This intermediate Design program of study course expands upon the elements and principles of design learned in Textiles, Construction & Design 1-2. Hands-on projects combine sewing construction techniques, fashion trends, consumer skills, fibers and fabrics. This course also incorporates creative and technical design skills that are required in the clothing, textiles and fashion industry. *Prerequisite: C or Better in TCD 1-2*.

Duration: 2 Semesters Credit: 1 per Semester Grade level: 11, 12

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.

Family & Consumer Science

HONORS 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.

Industrial Technology

Industrial Technology Course Sequence					
9 th Grade	10 th Grade	11 th Grade	12 th Grade		
Materials & Process 1-2	Materials & Process 3-4	Materials & Processes 5-6	H Materials & Processes 7-8		
	CAD/Design 1-2	CAD/Design 3-4	CAD/Design 5-6		
		Intro to Robotics 1-2			
Indus	Industrial Technology Course Sequence for 9th Grade Geometry students				
Materials & Process 1-2	Materials & Process 3-4	Materials & Processes 5-6	H Materials & Processes 7-8		
CAD/Design 1-2	CAD/Design 3-4	CAD/Design 5-6	Honors CAD/Design 7-8		
	Intro to Robotics 1-2				

CAD/DESIGN ENGINEERING 1 & 2

This course will introduce the student to basic drafting skills, technology, and introductory applications of graphic communications. The development of visualization skills, sketching, and the use of software programs used in computer aided drafting(CAD). Dual enrolled with ARCH 1100 & 1110 at MCC

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

CAD/DESIGN ENGINEERING 3 & 4

This course will further develop skills introduced in CAD/Design Engineering 1-2 to produce complete, accurate drawings. Applications to architecture and machine tool drawing will be emphasized. Continued development CAD skills will be stressed. CAD/Design 1-2 may be Dual enrolled with ARCH 1200 at MCC

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

CAD/DESIGN ENGINEERING 5 & 6

This course will further refine skills developed in CAD/Design Engineering 3-4 to produce drawings in either architectural or machine tool drafting. Continued development of CAD skills will be stressed. *Prerequisite: CAD/Design 3-4*.

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

HONORS CAD/DESIGN ENGINEERING 7 & 8

This course provides students the opportunity to further refine their skills in either architectural or machine tool drafting using CAD. Students will produce a project that may include using 3-D design, animation, or CAD.

Prerequisite: CAD/Design 5-6

Duration: 2 semesters Credit: 1 per semester Grade Level: 12

INDUSTRIAL MATERIALS AND PROCESSES 1 & 2

This course provides the opportunity for students to learn how to use hand tools and power equipment. Students will construct, assemble, and complete products using many materials and processes that permit better understanding of construction and manufacturing techniques. Projects are constructed using wood, metals, and plastics. Students are required to pass all safety tests during the first 9 school days. Failure to complete this requirement will result in removal from the course.

Industrial Technology

INDUSTRIAL MATERIALS AND PROCESSES 3 & 4

This course is an extension of Industrial Materials and Processes 1-2. In this second-year course, more advanced problems and techniques are taught. These include both individual and group activities involving production of various products. Application of knowledge and skill is emphasized. *Prerequisite - Industrial Mat Pro 1-2.* Students are required to pass all safety tests during the first 9 school days. Failure to complete this requirement will result in removal from the course. *Duration: 2 semesters*Credit: 1 per semester

Grade Level: 11, 12

INDUSTRIAL MATERIALS AND PROCESSES 5 & 6

This course is an extension of Industrial Materials and Processes 3-4. In this third-year course, more advanced problems and techniques are taught. These include both individual and group activities involving production of various products. Application of knowledge and skill is emphasized. *Prerequisite: Industrial Mat Pro 3-4.* Students are required to pass all safety tests during the first 9 school days. Failure to complete this requirement will result in removal from the course. *Duration: 2 semesters*Credit: 1 per semester

Grade Level: 11, 12

HONORS INDUSTRIAL MATERIALS AND PROCESSES 7 & 8

This course is an extension of Industrial Materials and Processes 5-6. In this fourth-year course, more advanced problems and techniques are taught. These include both individual and group activities involving production of various products. Application of knowledge and skill is emphasized. *Prerequisite - Industrial Mat Pro 5-6*

Duration: 2 semesters Credit: 1 per semester Grade Level: 12

INDUSTRIAL TECHNOLOGY ENRICHMENT

This course offers the talented and motivated engineering technology, math and science students the opportunity to experience reinforcement and extension of practical applications of science and math to solve problems involving tools, machines, materials and processes.

Duration: 2 semesters Credit: 1 per semester Grade Level: 12

MANUFACTURING INTERNSHIP

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

Duration: 2 semesters Credit: 1 per semester Grade Level: 12

INTRO TO ROBOTICS 1 & 2

Students will design and build a robot to participate in area robotics competitions. Major units of study will focus on the engineering design process, designing and building a controllable base, designing and building a manipulator and programming of the mechanical system using logic based control and simple sensors.

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

IND SAFETY AND HEALTH

This course covers the basics of industrial safety and health. Topics covered are OSHA-required and include introduction to OSHA, managing safety and health, hazard communication, fire protection, emergency action plans, electrical safety, PPE, material handling, and machine guarding. This course also covers OSHA elective areas such as BBP, fall protection, welding, LOTO, and confined spaces. Students who successfully complete all OSHA-requirements are eligible to receive the OSHA 30-hour general industry card.

Information Technology

H INTRODUCTION TO DIGITAL DESIGN

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

Duration: 1 semester Credit: 1 per semester Grade Level: 11, 12

H 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: 11, 12

WEB DESIGN 1 & 2

Students will demonstrate knowledge of web design and languages, including Hypertext Markup Language (HTML) and Cascading Style Sheets (CSS) to create a content rich and visually pleasing website that captures and keeps visitors' interests. Focus will be given to effective page layout, image creation and manipulation, interactivity, content creation, and project management. This course may be available for articulated or dual credit at a postsecondary institution.

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

HONORS WEB SITE MGMT 3 & 4

This is an advanced level course in web design. Students will demonstrate knowledge of web design and languages, including Hypertext Markup Language (HTML) and Cascading Style Sheets (CSS) to create a content rich and visually pleasing website that captures and keeps visitors' interests. Focus will be given to effective page layout, image creation and manipulation, interactivity, content creation, and project management. This course may be available for articulated or dual credit at a post-secondary institution.

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

PROGRAMMING 1 & 2

Programming covers fundamental concepts of programming. These are provided through explanations and effects of commands and hands-on utilization of computers to produce correct output. This course introduces effective techniques necessary for the efficient solution of variety of complex problems using high—level programming language. It includes problem description, flow charts, hierarchy diagrams, pseudo code, and program documentation as a means of solving these problems. This course emphasizes the creation of efficient algorithms through fundamental programming techniques such as input/output handling, programming structures, and data storage. Students are introduced to project management techniques, including standard debugging techniques and collaborative programming strategies.

Duration: 2 semesters Credit: 1 per semester Grade Level: 11

PROGRAMMING 3 & 4

Students will demonstrate advanced skills in the software development life cycle through in-depth use of modern programming language. The content covered will include high-level, object-oriented concepts, while emphasizing the design of elegant solutions and efficient algorithms. Topics covered include the use of simple data types as well as complex data structures, best practices in application design, and the collaborative and social aspects of computing.

Information Technology

HUSKY VISION 3 & 4

Northwest High School offers students an in-depth look into the video production industry. Students learn how to use a digital video camera and editing software to produce movie segments using still photos and film. Student projects include producing a public service announcement, a promotional ad, a short movie using stills, a short movie using film and more. Students in Husky Vision 1 and 2 will have the opportunity to perfect their production skills and move to Husky Vision 3-4 the following year

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

HUSKY VISION 5 & 6

Northwest High Magnet offers students an in-depth look into the video production industry. Students learn how to use digital video camera and editing software to produce video segments using skill photos and film. Student projects including producing a public service announcement, a promotional ad, a short movie using skills, film, and more. This is an advanced level course with

Husky Vision I-2 and Husky Vision 3-4 being prerequisites



LAW, PUBLIC SAFETY AND SECURITY, LEGAL SERVICES (LPSS)

This course will explore the five pathways of law; correction services, emergency/fire, security and protective services, and law enforcement. The course will also include an overview of the legal system, the history and origins of our legal system, and the theoretical and philosophi-

cal underpinnings of the law. Prerequisites: Into Law, Gov't, Diplomacy

Duration: 1 semester Credit: 1 per semester Grade Level: 11, 12

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. Prerequisites: LGID & LPSS

Duration: 1 semester Credit: 1 per semester Grade Level: 11, 12

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. Areas of Concentration: Evidence Collection, Criminal Law, and Criminal Procedure. Prerequisite: LGID, LPSS, Trial Practice

Duration: 1 Semester Credit: 1 per semester Grade Level: 11, 12

INTRODUCTION TO LAW

This course includes an overview of the fields of law and their history, the areas of law applicable to the legal assistant, basic legal principles, legal terminology, the judicial system, legislation, criminal law, civil procedures and the elements of a trial. Metro Community College dual credit is available. Prerequisites: LGID, LPSS

Duration: 1 semester Credit: 1 per semester Grade Level: 11, 12

THE CONSTITUTION

This course focuses on some of the great issues that confront policy makers and citizens of the United States. The framework for study is the United States Constitution. Topics covered include: Executive Privilege/Delegation of Powers, War Powers and Covert Action, Nomination, Election, and Succession of the President, Criminal Justice and a Defendant's Right to a Fair Trial, Crime and Insanity, Crime and Punishments, Campaign Spending, National Security and Freedom of the Press, School Prayer, Gun Control, Right to Assemble, Right to Live, Right to Die, Immigration Reform, Affirmative Action and Federalism. Metro Community College dual credit is available. Prerequisites: LGID, LPSS, Intro to Law

Duration: 1 semester Credit: 1 per semester Grade Level: 11, 12

INTRODUCTION 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 police, the prosecution and the defense, the courts and the correctional agencies. Metro Community College dual credit is available. Prerequisites: LGID, LPSS

Duration: 1 semester Credit: 1 per semester Grade Level: 11, 12

POLICE AND SOCIETY

This 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. Metro Community College dual credit is available. Prerequisites: LGID, LPSS & Intro.to Criminal Justice

Duration: 1 semester Credit: 1 per semester Grade Level: 11, 12

FIRE CHEMISTRY

The objective of the course is to provide an introduction to the chemistry of fires with emphasis on chemical reactions. Included are the reactions and agents that produce and suppress fires. *Prerequisites: LPSS and "C" or better in Chemistry 1-2*

Duration: 1 semester Credit: 1 per semester Grade Level: 11, 12

INTRODUCTION TO FIRE PROTECTION

The objective of the course is to provide students with an overview of the fundamental methods of fire protection, prevention, and suppression. Basic topics covered are the characteristics and behavior of fire, fire hazards of materials and building, fire protection equipment and systems, codes and standards for fire protecting and prevention, and forces and now they operate.

Prerequisites: LGID, LPSS, Fire Chemistry

Magnet

THE HISTORY OF THE AMERICAN CIVIL RIGHTS MOVEMENT AND CIVIL RIGHTS LAWS

This course will introduce students to the Civil Rights movement in the United States, including legislation, Supreme Court cases and organized efforts to abolish public and private acts of discrimination. Coursework will include study of the abolitionist movement, the Dred Scott case, and the unresolved issues of the Reconstruction era. Students will also study the system of Jim Crow, disenfranchisement, and second-class citizenship that degraded the citizenship rights of African Americans. Further, students will study the amendments to the Constitution, the legislation, and the Civil Rights cases that have impacted race relations in the United States.

Prerequisites: LGID, LPSS

Duration: 1 semester Credit: 1 per semester Grade Level: 12

SOCIAL JUSTICE SERVICE LEARNING

Social Justice Service Learning is a course designed to engage students in addressing the needs of local and/or international society. The course is designed to provide students with creative control over what social need they want to address as well as the manner in which they wish to address it. Students will participate in an organized service activity and reflect on that activity in such a way as to gain further understanding of the needs found in local and/or international society. Service learning provides the students with opportunities to develop and apply a wide range of skills (personal, academic, and intellectual) they will need to succeed in the school, in the community, and in the workplace. *Prerequisites: LGID, LPSS, The History of the American Civil Rights Movement and Civil Rights Laws*

Duration: 1 Semester Credit: 1 per semester Grade Level: 12

NW FORENSIC SCIENCE 3 & 4

This course will integrate science, information technology, digital microscopy, and writing skills by using real-life applications and case studies to analyze crime scene evidence. Topics covered will 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. Students will use multimedia to present their analysis of crime scene evidence. Students taking this course should also be taking or have taken Honors Chemistry, Computer Information Management, Honors Digital Video & Media, and/or Film Making. Prerequisites: Physical Science 1-2, Biology 1-2, and Forensic Science

1-2. Prerequisite: LGID, LPSS, Forensic Science 1 & 2

Duration: 2 Semesters Credits: 1 per semester Grade Level: 11, 12

NW H FORENSIC SCIENCE 5 & 6

Forensic science 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: evidence collection, physical evidence, toxicology, DNA, trace evidence, advanced ballistics, questioned documents, and advanced bloodstain pattern analysis. The students will process a mock crime scene as a major portion of the class. In a world with a 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. *Prerequisite: LGID, LPSS, Forensic Science 3 & 4*

Duration: 2 Semesters Credits: 1 per semester Grade Level: 12

INTRO TO PARALEGAL STUDIES

This course will examine the paralegal career field. Specifically, it will examine the role played by paralegals in the legal settings as well as other employment settings. It will introduce the student to general legal facts, vocabulary, and concepts; basic paralegal skills in legal research, interviewing, and investigation; problem solving skills for the legal setting; and ethics in the paralegal profession. Dual Enrollment Credit available with the College of St. Mary's.

Prerequisites: LGID, LPSS

Duration: 1 semester Credit: 1 per semester Grade Level: 11, 12

LEGAL RESEARCH AND 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. Dual Enrollment Credit available with the College of St. Mary's.

Prerequisites: LGID, LPSS

Duration: 1 semester Credit: 1 per semester Grade Level: 11, 12

EMERGENCY DISPATCH 9-1-1

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 emer-

Magnet

NW FORENSIC SCIENCE 3 & 4

This course will integrate science, information technology, digital microscopy, and writing skills by using real-life applications and case studies to analyze crime scene evidence. Topics covered will 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. Students will use multimedia to present their analysis of crime scene evidence. Students taking this course should also be taking or have taken Honors Chemistry, Computer Information Management, Honors Digital Video & Media, and/or Film Making. Prerequisites: Physical Science 1-2, Biology 1-2, and Forensic Science 1-2. *Prerequisite: LGID, LPSS, Forensic Science 1 & 2*

Duration: 2 Semesters Credits: 1 per semester Grade Level: 11, 12

NW H FORENSIC SCIENCE 5 & 6

Forensic science 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: evidence collection, physical evidence, toxicology, DNA, trace evidence, advanced ballistics, questioned documents, and advanced bloodstain pattern analysis. The students will process a mock crime scene as a major portion of the class. In a world with a 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. *Prerequisite: LGID, LPSS, Forensic Science 3 & 4*

Duration: 2 Semesters Credits: 1 per semester Grade Level: 12

INTRO TO PARALEGAL STUDIES

This course will examine the paralegal career field. Specifically, it will examine the role played by paralegals in the legal settings as well as other employment settings. It will introduce the student to general legal facts, vocabulary, and concepts; basic paralegal skills in legal research, interviewing, and investigation; problem solving skills for the legal setting; and ethics in the paralegal profession. Dual Enrollment Credit available with the College of St. Mary's.

Prerequisites: LGID, LPSS

Duration: 1 semester Credit: 1 per semester Grade Level: 11, 12

LEGAL RESEARCH AND 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. Dual Enrollment Credit available with the College of St. Mary's.

Prerequisites: LGID, LPSS

Duration: 1 semester Credit: 1 per semester Grade Level: 11, 12

EMERGENCY DISPATCH 9-1-1

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.

Prerequisites: LGID, LPSS

Mathematics

Number of Credits Required for Graduation:

Six

Required Courses:

Entry level math courses will be determined by success in previous math coursework. Math classes must be passed before moving to the next level. Regardless of the first math class, every student must succomplete six semesters of math classes.

AP® Courses:

Calculus AB 1 & 2 Calculus BC 1 & 2 Statistics 1 & 2

Pre-Algebra 1 & 2
Challenge Math
Algebra 1 & 2
Geometry 1 & 2
Algebra 3 & 4
Consumer Math 1 & 2
Integrated Math 1 & 2
Math Analysis 1 & 2
Pre-Calculus/Trigonometry 1 & 2
Algebra 1A & 1B Algebra 2A & 2B

Honors Algebra 1 & 2 Honors Geometry 1 & 2 Honors Algebra 3 & 4 Honors Pre- Calculus/Trigonometry 1 & 2 Honors Probability/Statistics Honors Discrete Mathematics

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: 11, 12

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.

^{*}Students develop cognitively, socially and emotionally along different time and interest continuums. For students who are willing and interested in advanced coursework, but do not meet the course prerequisites, an exception may be requested through a conversation involving building staff, parents/guardians, and the student.

*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

MAP Math score at or above a score determined by District Math Supervisor Duration: 2 semesters Credit: 1 per semester Grade Level: 11

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: 11. 12

*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
- MAP Math score at or above a score determined by District Math Supervisor.

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

MATH ANALYSIS 1 & 2

Math Analysis is a full-year terminal math course for students who have reached proficiency in advanced algebra topics but have no intention of pursuing math- or science-related fields of study in post-secondary school. The course content includes Critical Thinking, Set Theory, Number Theory, Functions, Measurement, Personal Finance, Combinatorics, Probability, Statistics, and Logic.

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

PRE-CALCULUS/TRIGONOMETRY 1 & 2

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 Algebra 3-4 with passing grades.

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

Mathematics

*HONOR 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 or advanced grades.

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

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. **Please note: Student enrollment will determine whether a specific AP course will be offered. 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

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.

**Please note: Student enrollment will determine whether a specific AP course will be offered. 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

AP STATISTICS 1 & 2

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

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	*	5.0 credits
MATH 1220 – Business Mathematics OR MATH 1240 – Technical Mathematics	MCC Business Math 1220 (049501/049502) OR MCC Technical Math 1240 (049511/049512)	2 Math (1 per semester)	4.5 credits

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

How do students register?

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

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

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

Are there any fees?

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

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

Are all MCC Modular Math students dual enrolled?

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

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

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

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

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

Military Science

JROTC / INTRODUCTION TO LEADERSHIP EDUCATION TRAINING 1 & 2 (LET1)

This course includes classroom instruction and laboratory instruction in history, customs, traditions, and purpose of Army Junior ROTC. Cadets will study and develop basic leadership skills: Including; leadership principles, traits, values, and attributes. A student's development of core values, an appreciation for diversity, and active learning strategies are integrated throughout the course. Cadets will be required to write a research paper during the year. The performance standards of this course are based on the performance standards identified in the curriculum for US Army Junior ROTC. 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.

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

JROTC / INTRODUCTION TO LEADERSHIP EDUCATION TRAINING 3 & 4 (LET2)

This course will incorporate all the requirements of JROTC 1-2. Additional reading and writing, including (but not limited to), research papers. A 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

JROTC / INTRODUCTION TO LEADERSHIP EDUCATION TRAINING 5 & 6 (LET3)

Topics in this course include advanced map reading, principles of leadership, methods of instruction, technology awareness, advanced management problems, military history, and physical fitness. Cadets are required to present one instructional lesson per quarter. Cadets will be required to write a research paper during the year. 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

HONORS JROTC / INTRODUCTION TO LEADERSHIP EDUCATION TRAINING 7 & 8 (LET4)

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

BEGINNING MARKSMANSHIP 1 & 2

Beginning Marksmanship will include detailed instruction, guidance and supervision in the safety and art of precision firing with air pellet rifles and air pellet pistols. Participants must be high motivated, dedicated, self-disciplined, and agile. Each participant must successfully pass a safety exam to become qualified to take part in the marksmanship program. Individuals are eligible to participate in postal and shoulder-to shoulder rifle matches in and outside of Omaha. *Requires instructor approval*.

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

ADVANCED MARKSMANSHIP 1 & 2

Advanced Marksmanship is a continuation of beginning and intermediate marksmanship. This course provides advanced instruction and training in firearm safety, marksmanship, coaching, and target scoring. Cadets will be eligible to participate in varsity marksmanship matches. Participants must be high motivated, dedicated, self-disciplined, and agile. Each participant must successfully pass a safety exam to become qualified to take part in the marksmanship program. Individuals are eligible to participate in postal and shoulder-to shoulder rifle matches in and outside of Omaha. *Requires instructor approval.*

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

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: 11, 12

45

Music (Vocal & Instrumental)

VOICE 1 & 2

This course is offered to introduce students to private and small groups instruction. Fundamental vocal technique, vocal performance, and solo literature are emphasized. Some type of performance is usually available through student recitals and various programs.

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

MEN'S CHORUS 1 & 2

This course is open to 9-12th graders who wish to participate in male chorus. 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: 11, 12

TREBLE CHORUS 1 & 2

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

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

HONORS TREBLE ENSEMBLE 1 & 2

This course is an advanced chamber ensemble for women selected by audition. Treble Ensemble members may be simultaneously enrolled in the school's principal choral organizations. Frequent performance must be a student consideration for enrollment. This course is also considered a principal ensemble when students are considering other choral ensembles. This course is an extension of Course #190390 and is for the serious music student.

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

HONORS CONCERT CHOIR 1 & 2

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 Course #190280 for the serious music student. Advisors guide the students in developing written plans for earning honors credit.

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

HONORS SWING CHOIR 1 & 2

This course is the principal swing choir of each high school. These advanced choral ensembles, which usually consist of three to five mixed, equally balanced quartets, 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 routines and frequent performance, often requiring time outside of school, must be a student consideration for enrollment.

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

CONCERT BAND 1 & 2

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

Music (Vocal & Instrumental)

H CONCERT BAND 1 & 2

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

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

JAZZ BAND 1 & 2

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

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

HONORS JAZZ BAND 1 & 2

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

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

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.

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

HONORS 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.

Physical Education

LIGHT WEIGHT TRAINING 1 & 2

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

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

WEIGHT TRAINING 1 & 2

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

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

LIFETIME SPORTS / ACTIVITIES 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 Credit: 1 per semester Grade Level: 10, 11

AEROBIC FITNESS 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: 11

ADVANCED WEIGHT TRAINING 1 & 2

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

Science

11th Grade	12th Grade
Science Elective	
Honors Chemistry * OR Honors Physics*	Science Elective
Honors Physics* OR Science Elective	

AP BIOLOGY 1 & 2

AP Biology is a laboratory course designed to prepare students to take the college advanced placement test giving them potential college credit for the course. This college course in life sciences is inquiry based with a goal of providing students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. The curriculum includes the study of the structure and function of organic molecules and cells; the continuity and diversity of living things; the history and evolution of living things; and the relationships of organisms and their environment. *Prerequisites: Physical Science 1-2, Biology 1-2, with no grade less than a "C" and teacher recommendation.* Students who select NOT to participate in the AP exam are expected to take a cumulative, AP comparable, teacher-graded end of course exam.

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

CHEMISTRY 1 & 2

*HONORS CHEMISTRY 1 & 2

This course 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 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: 11, 12

AP CHEMISTRY 1 & 2

This course expands and discusses in greater depth the physical concepts and skills introduced in Chemistry 1-2. The topics include: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. The students become familiar with college lab equipment, experimental procedures, and exacting lab reports. They should gain proficiency and confidence in numerical problem solving and essay explanation of the processes of physical, inorganic chemistry. AP Chemistry is designed to be equivalent to a first-year college introductory chemistry course and follows the College Board curriculum. *Prerequisites: Successful completion of Physical Science 1-2, Biology 1-2, Chemistry 1-2, and Algebra 1-2. Completion of, or concurrent enrollment in, Algebra 3-4.* Students who select NOT to participate in the AP exam are expected to take a cumulative, AP comparable, teachergraded end of course exam.

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

PHYSICS 1& 2

This course 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.*

*HONORS PHYSICS 1 & 2

This course engages students in an inquiry-based, problem-solving approach to investigate the physical laws that are fundamental to all science. Topics of study include: motion and technological design; the effects of forces on motion; the origin of the universe; conservation of energy; the interaction of energy and matter. Students enrolled in honor courses have additional experiences that require a more rigorous program of study. Prerequisites: Physical Science 1-2, Biology 1-2 (concurrent enrollment in Biology 1-2 is acceptable with teacher recommendation), and successful completion of, or concurrent enrollment in, Algebra 1-2.

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

AP PHYSICS 1

Algebra-Based is the equivalent to a first semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; and mechanical waves and sound. It will also introduce electric circuits. Prerequisites: Physical Science 1-2 and Algebra 3-4. Concurrent enrollment in, or previous completion of, Biology is recommended as Biology is high school graduation requirement. Students who select NOT to participate in the AP exam are expected to take a cumulative, AP comparable, teacher-graded end of course exam.

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

ANATOMY & PHYSIOLOGY 1 & 2

This course 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

Grade Level: 11, 12 Credit: 1 per semester semesters

*HONORS ANATOMY & PHYSIOLOGY 1 & 2

This course enables students to understand the principles and structures of the human body. Students develop an understanding of the structure and function of complex human organ systems through inquiry-based laboratory experiences using up-to-date technology. This course will explore scientific and technological advances in the field of anatomy. Students will also explore career opportunities in medical and related fields. The study and application of vocabulary and terminology

is an essential part of this course. Students will incorporate writing and literacy strategies into summative projects. Laboratory

dissections are required. Prerequisites: Physical Science 1-2 and Biology 1-2.

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

EARTH SCIENCE 3 & 4

This laboratory course builds upon the state 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's studied, the history and dynamics of Earth, and reshaping the Earth's crust, atmosphere, atmospheric forces, and oceans. Prerequisites: Physical Science I-2 and Biology 1-2.

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

*HONORS EARTH SCIENCE 3 & 4

This laboratory course builds upon the state 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's studied, the history and dynamics of Earth, and reshaping the Earth's crust, atmosphere, atmospheric forces, and oceans. Students in honors courses have additional experiences that require a more rigorous program of study. This course is taught as a college preparatory science experience. Emphasis is placed on observation, interpretation, and problem solving and includes projects and scientific journal reading and writing assignments. Prerequisites: Physical Science 1-2 and Biology 1-2.

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

*HONORS FORENSIC SCIENCE 1 & 2

This course promotes active learning and emphasizes the application and integration of math, chemistry, biology, physics, and Earth science. Topics covered 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. Students enrolled in honor courses have additional experiences that require a more rigorous program of study.

Science

PLANTS & PROPOGATION 1 & 2

This course 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. Students should understand that they will likely get dirty at times and will be required to attend

class in the greenhouse throughout the semester. Prerequisites: Physical Science 1-2 and Biology 1-2. Duration:

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

ASTRONOMY

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

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

Duration: 1 semester Credit: 1 per semester Grade Level: 11, 12

ENVIRONMENTAL SCIENCE

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: 1 semester Credit: 1 per semester Grade Level: 11, 12

AP ENVIRONMENTAL SCIENCE 1 & 2

The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary; it embraces a wide variety of topics from different areas of study. Yet there are several major unifying constructs, or themes, that cut across the many topics included in the study of environmental science. *Prerequisites: Physical Science 1-2 and Biology 1-2. Honors*

Chemistry is highly recommended. Students who select NOT to participate in the AP exam are expected to take a cumulative, AP comparable, teacher-graded end of course exam.

Social Studies

ADVANCED PLACEMENT HUMAN GEOGRAPHY

The purpose of the AP course in Human Geography is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use and alteration of Earth's surface. The AP College Board governs this course. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board and are located on their website: www.collegeboard.com _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

MODERN WORLD HISTORY 1 & 2

This course explores the culture and history of people from 1000 C.E. 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

ADVANCED PLACEMENT WORLD HISTORY 1 & 2

Advanced Placement World History 1-2 focuses on developing students' understanding of world history from approximately 8000 BCE to the present. Students investigate the content of world history for significant events, individuals, developments, and processes in six historical periods, and develop and use the same thinking skills and methods (analyzing primary and secondary sources, making historical comparisons, chronological reasoning, and argumentation) employed by historians when they study the past. The course also provides five themes (interaction between humans and the environment; development and interaction of cultures; state building, expansion, and conflict; creation, expansion, and interaction of economic systems; and development and transformation of social structures) that students explore throughout the course in order to make connections

among historical developments in different times and places encompassing the five major geographical regions of the globe: Africa, the Americas, Asia, Europe, and Oceania. 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, teachergraded end of course exam.

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

AMERICAN GOVERNMENT

This course addresses the theories and practices that are the basis to our nation's form of government. Students analyze the structure, operations, and functions of local, state, and national government in order to better prepare themselves to practice participatory citizenship as related to their responsibilities and rights as citizens.

Duration: 1 semester Credit: 1 per semester Grade Level: 12

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.

AP GOVERNMENT COMPARATIVE GOVERNMENT AND 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: 2 semesters Credit: 1 per semester Grade Level: 12

ADVANCED PLACEMENT PSYCHOLOGY 1 & 2

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

Social Studies

ADVANCED PLACEMENT UNITED STATES HISTORY 1 & 2

Advanced Placement United States History focuses on developing students' understanding of American history from approximately 1491 to the present. Students investigate the content of United States history for significant events, individuals, developments, and processes in nine historical periods, and develop and use the same thinking skills and methods (analyzing primary and secondary sources, making historical comparisons, chronological reasoning, and argumentation) employed by historians when they study the past. The course also provides seven themes (American and national identity; migration and settlement; politics and power; work, exchange, and technology; America in the world; geography and the environment; and culture and society) that students explore throughout the course in order to make connections among historical developments

in different times and places. Concurrent enrollment in AP English is recommended. Students who select NOT to participate in the AP exam are expected to take a cumulative, AP comparable, teacher-graded end of course exam. Duration: 2 semesters

Credit: 1 per semester Grade Level: 11, 12

HONORS 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: 11, 12

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.

Duration: 1 semester Credit: 1 per semester Grade Level: 11, 12

LAW & JUVENILE JUSTICE

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

Duration: 1 semester Credit: 1 per semester Grade Level: 12

PSYCHOLOGY

This course explores the complex nature of human behavior. Emphasis is placed upon the most significant concepts of contemporary psychology as well as how psychologists study behavior.

Duration: 1 semester Credit: 1 per semester Grade Level: 11, 12

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

AMERICAN STUDIES

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 Modern World History 1 or 2.

Duration: 1 semester Grade Level: 12

Social Studies

NATIVE AM CULTURE & I

Developed from of 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.

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 Study Skills Class. Focus is given to developing learning and study strategies. Students will be expected to define compensatory skills to facilitate active learning in the general education classroom setting. Class activities will include, but not be limited to, time management, goal setting, problem solving, assignment analysis and self-advocacy.
- General education classes that are co-taught by a general education teacher and special education teacher. In a co-taught class, both teachers share instructional responsibilities for the students by co-planning, co-instructing, and co-assessing.

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 Magnet School:

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

STUDY SKILLS

This course helps students improve skills in the areas of paraphrasing, sentence writing, test and note taking, organization, scanning, improving vocabulary and memorization. Tutorial assistance and remediation are provided.

Duration: 2 semesters Credit: 1 per semester Grade Level: 9. 10, 11, 12

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 (determined by hours employed) Grade Level: 11, 12 (or 17 years old)

ENGLISH 9S 1 & 2

ENGLISH 10S 1 & 2

ENGLISH 11S 1 & 2

ENGLISH 12S 1 & 2

This Special Education course is for students in the Alternate Curriculum Program only. The course covers functional reading and writing skills to support community access and independent living. In addition, the course focuses on the development of reading and writing skills; specifically locating and reading information in primary resources, applying knowledge of informational text and writing using Standard English conventions for sentence structure. Students participate in the Nebraska Alternate Assessment.

Duration: 2 semesters

SCIENCE 9S 1 & 2

SCIENCE 10S 1 & 2

SCIENCE 11S 1 & 2

SCIENCE 12S 1 & 2

The Special Education course is for students in the Alternate Curriculum Program only. The course focuses on developing an understanding of personal and community health. Students participate in the Nebraska Alternate Assessment.

Duration: 2 semesters

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.

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

Special Education

WORK AWARENESS

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

Duration: 2 semesters

MATHEMATICS 9S 1 & 2

MATHEMATICS 10S 1 & 2

MATHEMATICS 11S 1 & 2

MATHEMATICS 12S 1 & 2

This Special Education course is for students in the Alternate Curriculum Program only. The course covers functional math skills to support community access and independent living. In addition, the course focuses on interpreting, collecting, organizing and recording data, the development of measurement; specifically, the selection of measurement tools and the measurement of quantities of volume, time and money. Students participate in the Nebraska Alternate Assessment. CRTs are not given.

Duration: 2 semesters

SOCIAL STUDIES 9S 1 & 2

SOCIAL STUDIES 10S 1 & 2

SOCIAL STUDIES 11S 1 & 2

SOCIAL STUDIES 12S 1 & 2

This Special Education course is for students in the Alternate Curriculum Program only. The course focuses on the use of map skills. Students participate in the Nebraska Alternate Assessment.

Duration: 2 semesters

EXPLORATORY ART

In this 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: 2 semesters

MUSIC ACTIVITIES

Music Activities class is available to 9th - 12th grade students who have an interest in developing musical skill through the playing of classroom instruments. Pitch, rhythm and harmony will be introduced by playing recorders, hand-chimes, melodies and/or guitar. Some

World Language

CHINESE 1 & 2 FRENCH 1 & 2
GERMAN 1 & 2 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: 11, 12

CHINESE 3 & 4 FRENCH 3 & 4
GERMAN 3 & 4 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 interpresonal 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. *Prerequisites: Successful completion of previous course in the sequence with a grade of a "C" or higher*

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

HONORS CHINESE 5 & 6
HONORS GERMAN 5 & 6
HONORS SPANISH 5 & 6

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

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

HONORS FRENCH 7 & 8 HONORS GERMAN 7 & 8

HONORS SPANISH 7 & 8

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

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

HONORS GERMAN 9 & 10

This course in World Languages at the fifth-year level continues to emphasize and expand upon all interpretive, presentational, and interpersonal communication skills, while also addressing the more complex forms, which are stressed during the fifth year of language study. Students receive intensive preparation to use their second language whether that be at the university level or in whatever career they may choose. Literary and authentic works are studied thoroughly. Compositions and higher-level thinking and applications continue to be emphasized. The continued requirements of formal reports and discussion further refine the student's ability to understand and speak the language. Technology is used to open the world of the targeted cultures and civilizations both in the historical and contemporary world.

Prerequisites: Successful completion of previous course in the sequence with a grade of a "B" or higher

World Language

ADVANCED PLACEMENT FRENCH 1 & 2

The AP French Language and Culture course emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The AP French Language and Culture course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the student of language and culture, the course is taught almost exclusively in French. The AP French Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation

of cultural products (e.g., tools, books, music, laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions). Prerequisites: Successful completion of previous course in the sequence with a grade of a "B" or higher. 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

ADVANCED PLACEMENT SPANISH 1 & 2

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

the sequence with a grade of a "B" or higher. 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

SPANISH FOR SPANISH SPEAKERS 1 & 2

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

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

HONORS SPANISH FOR SPANISH SPEAKERS 3 & 4

160861-160862

This course is designed for fluent Spanish speakers with above basic Spanish skills in reading and writing. It focuses on honing academic Spanish skills in listening and speaking while continuing to focus on reading and writing skills. Students will gain deeper knowledge of Hispanic cultures, histories and literature through this class. *Prerequisites Successful completion of previous course in the sequence with a grade of a "B" or higher*

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

HONORS SPANISH FOR SPANISH SPEAKERS 5 & 6

This course is a continuation of Honors Spanish for Spanish Speakers 3-4 and is designed for students with above average Spanish literacy skills. It focuses on honing academic Spanish skills in listening and speaking while continuing to focus on reading and writing skills. Students will gain deeper knowledge of Hispanic cultures, histories and literature through this class. Students are strongly encouraged to take this course to prepare for AP Spanish Language and/or Literature.

Prerequisites: Successful completion of previous course in the sequence with a grade of a "B" or higher. Duration:

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

Athletic Eligibility

- Grade reports will be generated every two weeks for all students (9th, 10th, 11th & 12th) who are currently participating or plan on participating in sanctioned NSAA activities.
- GPA reports will be generated every 9 weeks for all students (9th, 10th, 11th & 12th) who are currently participating or plan on participating in sanctioned NSAA activities.
- Each student will participate in the Academic Coaching Program if the student has one or more grade(s) below a "C" or his/her Term (quarter) GPA is below a 2.0.
- All in-season 9th, 10th, 11th & 12th grade students will have a two week period to raise his/her failing grade(s) without penalty. The student remains eligible to participate during this two week period.
- If the in-season 9th, 10th, 11th & 12th grade student does not raise his/her failing grade (s) after the two week period, he/she will be ineligible for competition during the subsequent two week period. The student will continue to remain ineligible for competition until his/her grade is passing.

Every student is expected to meet the requirements of the sanctioned NSAA activities determined by the NSAA.

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 whole-



Mabraska Saal 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.

Why

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

The Result

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

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.

How

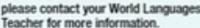
Submit an application online through the Nebraska Department of Education (bit.ly/NebraskaSeal) all parts of the application can be completed online.

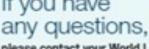
5 Steps to Apply

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

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

If you have











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
Achieve a minimum of 18 on the ACT or 970 on the SAT	Achieve a minimum overall high school grade point average of 2.0 on a 4.0 scale	Graduate in the top half of your high school class
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 & Writing and Math sections only; the Writing score cannot be used. Minimum score requirements for tests taken prior to May 1, 2019 varied. • For tests taken prior to May 1, 2019 varied. • For tests taken prior to March 1, 2016: 18 ACT, 860 SAT (reading, math) • For tests taken between March 1, 2016 and May 1, 2019: 16 ACT, 860 SAT (evidence-based reading & writing, math)	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.	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. Exception: 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.

Division I Requirements



DIVISION I ACADEMIC REQUIREMENTS

College-bound student-athletes enrolling at an NCAA Division I school need to meet the following academic requirements to practice, compete and receive an athletics scholarship in their first year of full-time enrollment.



FULL QUALIFIER

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

Full Qualifier

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

Academic Redshirt

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

Nonqualifier

College-bound student-athletes will not be able to practice, compete or receive an athletics scholarship during their first year of full-time enrollment at an NCAA Division I school.

International Students

Please review the international initial-eligibility flyer for information and academic requirements specific to international student-athletes.

Click here for Division II academic requirements.

ACADEMIC REDSHIRT

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



Division I Requirements

Test Scores

If a student plans to attend an NCAA Division I college or university in the 2019-20 or 2020-21 academic years, use the following charts to understand the core-course GPA he or she will need to meet NCAA Division I requirements.

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

When a student registers for the SAT or ACT, he or she can use the NCAA Eligibility Center code of **9999** to send their scores directly to the NCAA Eligibility Center from the testing agency. Test scores on transcripts **CANNOT** be used in an academic certification.

DIVISION I FULL QUALIFIER SLIDING SCALE

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

DIVISION I

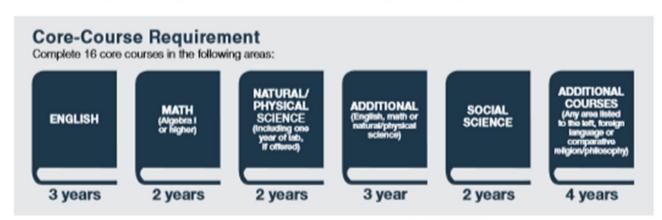
FULL QUALIFIER SLIDING SCALE			
Core GPA	SAT*	ACT Sum*	
2.750	810	59	
2.725	820	60	
2.700	830	61	
2.675	840	61	
2.650	850	62	
2.625	860	63	
2.600	860	64	
2.575	870	65	
2.550	880	66	
2.525	890	67	
2.500	900	68	
2.475	910	69	
2.450	920	70	
2.425	930	70	
2.400	940	71	
2.375	950	72	
2.350	960	73	
2.325	970	74	
2.300	980	75	
2.299	990	76	
2.275	990	76	
2.250	1000	77	
2.225	1010	78	
2.200	1020	79	
2.175	1030	80	
2.150	1040	81	
2.125	1050	82	
2.100	1060	83	
2.075	1070	84	
2.050	1080	85	
2.025	1090	86	
2.000	1100	86	

ACADEMIC REDSHIRT



DIVISION II ACADEMIC REQUIREMENTS

College-bound student-athletes enrolling at an NCAA Division II school need to meet the following academic requirements to practice, compete and receive an athletics scholarship in their first year of full-time enrollment.



FULL QUALIFIER

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

PARTIAL QUALIFIER

- Complete 16 core courses.
- Earn a core-course GPA of at least 2.000.
- Earn an SAT combined score or ACT sum score matching the core-course GPA on the Division II partial qualifier sliding scale (see back page).

Graduate high school.

Full Qualifier

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

Partial Qualifier

College-bound student-athletes may receive an athletics scholarship during their first year of enrollment and may practice during their first year of full-time enrollment at a Division II school, but may NOT compete.

Nonqualifier

College-bound student-athletes will not be able to practice, compete or receive an athletics scholarship during their first year of full-time enrollment at an NCAA Division II school.

International Students

Please review the international initial-eligibility flyer for information and academic requirements specific to international student-athletes.





Division II Requirements

DIVISION II FULL QUALIFIER SLIDING SCALE

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

DIVISION II

PARTIA		

PARTIAL GO	ALIT ILIT OLI	JIII JOILL
Core GPA	SAT*	ACT Sum*
3.050 & above	400	37
3.025	410	38
3.000	430	39
2.975	440	40
2.950	460	41
2.925	470	41
2.900	490	42
2.875	500	42
2.850	520	43
2.825	530	44
2.800	550	44
2.775	560	45
2.750	580	46
2.725	590	46
2.700	600	47
2.675	620	47
2.650	630	48
2.625	650	49
2.600	660	49
2.575	680	50
2.550	690	50
2.525	710	51
2.500	720	52
2.475	730	52
2.450	740	53
2.425	750	53
2.400	750	54
2.375	760	55
2.350	770	56
2.325	780	56
2.300	790	57
2.275	800	58
2.250	810	59
2.225	820	60
2.200	830	61
2.175	840	61
2.150	850	62
2.125	860	63
2.100	860	64
2.075	870	65
2.050	880	66
2.025	890	67
2.000	900	68 & above

Test Scores

If a student plans to attend an NCAA Division II college or university in the 2019-20 or 2020-21 academic years, use the following charts to understand the core-course GPA he or she will need to meet NCAA Division II requirements.

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

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

mprovement. Student tracking of goals and achievement increases student motivation and completion of work. Student grades can be your school to sign up for Campus Portal access for both families and eachers are strongly encouraged to have students reflect on their viewed online using the Campus Portal at campus.ops.orgl. Contact

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

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

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 are not utilized **Group Grades**

There is no extra credit.

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.

Public Schools

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

Student Accommodations

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

Modifications

Modifications that alter course content or assessments are not usec

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



ninate on the basis of race, color, national origin, religion, sex, marital status sexual orientation, disability, age, genetic information, ditzenship status, or economic status in its programs, activities and employment and provides equal processes for the BOS Socials and other designated youth groups. The followindwidel are been designated to address resultanties regarding the non-discrimination policies. Superintendent Schools, 3215 Couming Steet, Omata, NE 88131 (531-286-0310). Omaha Public Schools does not discrir

Secondary Common Grading **Practices**

of Curriculum and Instruction Department



2017-2018

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 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 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 for students and families as to what the grading criteria and expectations are between and 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 amongst teachers, courses and schools in OPS

Proficiency scales are established levels of learning that are standardized at the district level from the cach course, and they are broadly written to allow teachers to use the same scale for multiple assignments/projects. Provideny scales are available to students and parents by positing them in the classroom and publishing them in a course syllabus or on the leachers.

website.		
Level of Performance	Score	Description
Advanced	4	The student consistently demonstrates a thorough understanding of course contentlygrade level standard by maiding in-depth indernees and showing exhanded applications of the course contentigated level standard(s). The student performs consistently at a high level of difficulty, complexity, or fluency that is above the expected course contentigated level standard(s). • Exceeds expected course contentigated level standard(s). • Applies skills and strategies new and unifamiliar shadions.
Approaching Advanced	3,5	The student demonstrates partial success at showing a thorough understanding of course contentigate level standard, making in depth inferences and applications of the course contentigate level standard(s). The student performs with partial success at a high level of difficulty, complexity, of themory that is above the expected course contentigrade level standard(s). • Demonstrates success toward exceeding course contentigrade level and and standard. • Applies skills and stratlegies consistently in familiar situations, and at times, in unfamiliar situations, and at
Proficient	e	The student demonstrates a proficient understanding of the expected course contraligade their standardisk complexity, or fluency that is The student performs at the evel of difficulty, complexity, or fluency that is at the expected course contentigrade level standard(s). • Mean supported course contentigrade level standard sets and expected course contentigrade level standard by the PRains information and applies skills and strategies in familiar situations.
Approaching Proficient	2.5	The student demonstrates an adequate understanding of the information for the course contentigrade level standardis). The student performs with partial success at the level of difficulty, complexity, or fluency that is at the expected course contentigrade level standard(s). • Partially meets expected course contentigrade level standard • Retains information and at times applies skills and strategies in familiar situations.
Basic	2	The student demonstrates a basic understanding of the information expected for the course contentions the sidale level standards. The student performs the sidale level standard for the course contentigrade level standard so a basic level of difficulty, complexity, or fluency. • Partially meets expected course contentigrade level standard by Relativistic mornation and simple processes in familiar situations.
Approaching Basic	1.5	The student demonstrates some basic understanding of the information expected for the course contentingate level standards;). The student struggles to perform the skills required for the course contentigrade level standard at a basic level of difficulty, complexity, or fluency. Parlially meels some of expected course contentigrade level standard • Retains some information and simple processes in familiar situations.
Below Basic	-	The student demonstrates difficulty in understanding the information and performing the skills expected for the course/grade levels shradde(s), e-Performs below expected course contentiorable level on the standard(s). • Has difficulty retaining information and applying skills and strategies
Failing	0	The student demonstrates little or no evidence of understanding the information or skills required for the course content/grade level standard(s).

Coursework Types

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

- recording resting heart rate). Practice assignments are not generally graded for 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 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 Practice (0%) assignments are brief.
- They are minor 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 assignments, (e.g., a three-paragraph essay, written responses to guiding questions descriptive feedback is provided. standards. It is suggested to have three to five formative assessments for every one summative assessment. Formative assessments may be assigned to be completed completion of a comparison/contrast matrix). Formative (35%) assessments/assignments are done for learning. assignments are graded for accuracy and over an assigned reading, at home or at school.
- Summative (65%) assessments/assignments are major end of learning unit tests or the student's progress on grade level standards. Summative assessments may be (e.g., a research paper, an oral report with multimedia, science fair project). Summative assignments are graded for accuracy. Summative assignments assess assigned to be completed at home or at school.

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

Redoing/Revising Coursework

Students may be allowed redos and revisions of coursework for full credit during the 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 students 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.

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 Students are expected to complete coursework on time. Late coursework may be accepted for (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

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 Rubrics are teacher-created scoring guides that are specific to an assignment, a skill, or a a course syllabus or on the teacher's website

Professional Judgment in Grading

make informal decisions every day 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 Teachers should reflect on quarterly grades to make sure that the grade given accurately epresents 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

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 4 (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 3 (Proficient) tasks (the target of instruction) consist of complex knowledge and skills and include application and analysis.
- Level 2 (Basic) tasks are basic recall and simple skills which include knowledge and

Weighting Assignments (Using a Multiplier)

more than a unit test. Teachers will have the option to use a whole number multiplier to 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 weight both formative and summative assessments to a maximum of four. If a weight of we or more is applied to an assessment, this information will be communicated students at the time the assessment is announced.

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.

g Scale	3.26 – 4.00	2.51 – 3.25	1.76 - 2.50	1.01 – 1.75	0.00 - 1.00
OPS Grading					"
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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 Cuming Street, Omaha, NE 68131 (531) 299-0220