

MISSION STATEMENT OF THE PLATTSMOUTH COMMUNITY SCHOOLS

Our mission is working together to achieve ACADEMIC success, respectful BEHAVIOR, and CAREER readiness in a SAFE environment.

WE BELIEVE:

- All students can learn.
- Each person is unique and worthy and must be treated with dignity and respect.
- Students learn in diverse ways and at different rates.
- Learning is a life-long process.
- A safe and caring environment enhances learning.
- Students achieve success through high quality, challenging experiences.
- The cooperative efforts of the student, home, family, school and community are essential to education.
- An awareness and understanding of cultural diversity enriches students' lives.
- Education is the best economic investment for our community and children are our most valuable resources.
- Positive role models contribute to a student's success.

MISSION STATEMENT OF PLATTSMOUTH HIGH SCHOOL

Vision, Purpose, and Staff Guiding Principles Focus on Students

Vision

Students prepared for their future.

All Plattsmouth High School students will attend a two-year or four-year college/university, business or technical institute/school, participate in an apprenticeship program, or enlist in the military after graduation.

Purpose

Student Learning

Staff Guiding Principles

Students First

Respect for All

Teamwork

Excellence and Quality

Commitment to Individual Needs

EQUITY STATEMENT

Classes in the Plattsmouth High School are open to all students regardless of race, sex or creed. Every effort is made to eliminate biases from the school programs.

Textbooks, as well as audiovisual materials, are reviewed in order to eliminate any materials that have biased content.

GENERAL INFORMATION

ACADEMIC FOCUS

Due to academic graduation requirements and the expectations for schools to prepare students for post-graduation, students are limited to a maximum of three courses per year in any one subject area or academic department.

CLASS REQUIREMENT

Students must register for eight classes per semester. Seniors may register for a student assistant, early release, or internship.

CLASS ENROLLMENT MINIMUM SIZE RESTRICTIONS

Should enrollment fall below 10 in any class, the administration may elect to discontinue that class at the semester.

CREDIT HOURS

PHS operates on a A/B block schedule. Students enroll in 8 classes per semester, taking 4 classes per day, alternating daily. Students earn 5 credit hours for the successful completion of most semester courses.

TRANSFERRING INTO PLATTSMOUTH HIGH SCHOOL

Students transferring into Plattsburgh must be accompanied by a parent or legal guardian. Students must have an official copy of their birth certificate and immunization record. Students will be given credit for courses completed at other accredited high schools. School counselors will determine how credit will be utilized in determining graduation requirements. Courses transferred will be utilized in combination with credits earned at PHS in order to establish a grade point average for a student. Weighted grades will be converted back to a standard grade scale.

TRANSFERRING OUT OF PLATTSMOUTH HIGH SCHOOL

Students transferring out of PHS must be accompanied by a parent or legal guardian. Notes or phone calls from parents or guardian **will not** be accepted as official notification. All books, materials, & laptop must be returned and accounts settled before transcripts will be sent to the student's new school.

EARLY GRADUATION

Students who can complete all graduation requirements by the end of the first semester of their senior year are eligible for early graduation. They must complete an application, get recommendations, meet with their counselor, and attend a specified school board meeting for approval. **The application is due by April 1st of their junior year.** The only exception to this deadline will be for students who transfer in after that date.

EXCHANGE STUDENTS

PHS is happy to be able to accept foreign exchange students. The students of PHS gain as much as the exchange student does from the experience. All exchange students must be approved by the board, and must meet the same entrance and graduation requirements as other students including age, residence, and immunizations.

COLLEGE CREDIT CLASSES

Students who meet the criteria may take advantage of earning college credit while attending Plattsburgh High School. These are the options for a student to take a college class:

1. Early entry classes taken at PHS can earn high school and/or college credit.
2. Classes taken at college campus sites or online can earn college credit. Tuition and fees are the responsibility of the student in these classes. See your counselor for information.

ADVANCED PLACEMENT CLASSES

PHS offers several advanced placement classes for possible college credit. Students can take the advanced placement exams for possible college credit in the spring. Each participating student is responsible for the cost of the test.

ACT SCORES AND CORE CURRICULUM

For the last several years, ACT has provided the ACT scores of students who have completed ACT's defined core curriculum versus students who have not. The ACT core curriculum consists of:

4 years English	3 years Social Studies
3 years Math	3 years Science

The information clearly shows that students who complete the core curriculum have higher ACT scores. Listed below are Plattsmouth ACT scores for the last 5 years.

<u>Class of</u>	<u>Core</u>	<u>Non-Core</u>
2023	21.2	17.3
2022	19.4	17.5
2021	22.2	18.5
2020	21.5	18.0
2019	21.8	17.3

GRADING SYSTEM

All semester grades at Plattsmouth High School will be assigned according to the following system:

Regular:

A = 93 – 100	B+ = 87 – 89	C+ = 77 – 79	D+ = 67 – 69	F = 0 – 59
A- = 90 – 92	B = 83 – 86	C = 73 – 76	D = 63 – 66	
	B- = 80 – 82	C- = 70 – 72	D- = 60 – 62	

Honors/AP/DC:

A+= 97 – 100	B+= 83 – 86	C- = 67 – 69	D+ = 63 – 66	F = 0 – 59
A = 90 – 96	B = 80 – 82	C+ = 73 – 76	D = 60 – 62	
A- = 87 – 89	B- = 77 – 79	C = 70 – 72		

GRADE LEVEL CLASSIFICATION

Students at Plattsmouth High School are classified by grade level according to the number of years in high school. Students should have the number of credits shown below per year to be on track for graduation.

End of 9 th grade year	60-80 credits
End of 10 th grade year	120-160 credits
End of 11 th grade year	180-240 credits
End of 12 th grade year	240-320 credits

SOME WORDS ABOUT POST HIGH SCHOOL

Admission requirements to various colleges, universities and training programs are diverse and graduation requisites within each institution are even more varied. Hence, what is a specific and ideal recommended program for one student may not be for another. For example, four years of study in one science may be basic for one student in preparing for college, but not for another. Similar illustrations can be cited in almost all areas; hence, what is sound advice?

To answer this question the following minimum guidelines are suggested:

1. Take demanding courses.
2. Take rigorous courses from many subject areas.
3. High school graduation requirements are minimum standards.

Do not be afraid to challenge yourself and be open to new experiences.

SCHEDULE CHANGES

Students are expected to carefully select their courses and to follow their selections. In special situations, individual requests for changes will be reviewed. Changes will not be made if the result causes the maximum class size to be exceeded. **Students will not be permitted to drop and add a class after a semester has begun.** Requests from students or their parents for a change in teachers cannot be allowed since such changes involve teaching loads and schedules. However, consideration will be given to requests from students assigned to repeat work with a teacher under whom they have previously failed. Final approval rests with the principal.

DROPPING CLASSES

A student dropping a class after one week will receive an "F" for the semester, 0 credits, and it will be calculated in his/her GPA. Any exceptions to this policy are at the discretion of the administration.

NATIONAL COLLEGIATE ATHLETIC ASSOCIATION (NCAA) ELIGIBILITY

All students planning to enroll in college as a freshman and wanting to participate in Division I or Division II athletics must be certified by the NCAA Eligibility Center. The Eligibility Center was established to ensure consistent application of NCAA initial-eligibility requirements for all prospective student athletes at all member institutions. Please refer to www.eligibilitycenter.org for eligibility rules.

IT IS THE RESPONSIBILITY OF THE PROSPECTIVE STUDENT ATHLETE TO ENSURE THE ELIGIBILITY CENTER HAS THE NECESSARY DOCUMENTS TO CERTIFY HIS/HER ELIGIBILITY.

TO BE CERTIFIED BY THE NCAA, THE STUDENT MUST MEET THE FOLLOWING CONDITIONS:

- Graduate from high school.
- Complete a minimum of 16 core courses for Division I and II (10 must be completed before the seventh semester).
- Present the required grade-point average (minimum 2.3 for Division I and 2.2 for Division II). For complete details, see the Freshman Eligibility Standards Quick Reference Sheet.
- Present a qualifying test score on either the ACT or SAT. For complete details, see the Freshman Eligibility Standards Quick Reference Sheet. The ACT score used is a sum of the sub-scores.
- Request final amateurism certification (beginning April 1 for fall enrollees or beginning October 1 for spring enrollees).

DIVISION I	DIVISION II
16 Core Courses	16 Core Courses
4 years of English.	3 years of English.
3 years of mathematics (Algebra I or higher).	2 years of mathematics (Algebra I or higher).
2 years of natural/physical science (1 year of lab if offered by high school).	2 years of natural/physical science (1 year of lab if offered by high school).
1 year of additional English, mathematics or natural/physical science.	3 years of additional English, mathematics or natural/physical science.
2 years of social science.	2 years of social science.
4 years of additional courses (from any area above, foreign language or comparative religion/philosophy).	4 years of additional courses (from any area above, foreign language or comparative religion/philosophy).

Register online at www.eligibilitycenter.org after the completion of your junior year. When you register for the ACT or SAT, you can include the NCAA Eligibility Center (9999) on the list of places test scores should be sent. **The registration fee is \$100. This is a one-time nonrefundable registration fee.** The registration **fee will be waived** for students with demonstrated need. See your Guidance Counselor for details.

All prospective student athletes need to work closely with the Guidance Counselors to plan their schedules to ensure they meet NCAA eligibility requirements.

NATIONAL ASSOCIATION OF INTERCOLLEGIATE ATHLETICS (NAIA) ELIGIBILITY

All students interested in playing sports at NAIA colleges need to register and have their eligibility to play determined by the NAIA Eligibility Center. All NAIA schools are bound by the center's decisions.

To be eligible to play at NAIA colleges, the student must meet the following conditions:

- Graduate from high school.
- Have a minimum of a 2.3 GPA on 4.0 scale.

Register online at www.playnaia.org after the completion of your junior year. When you register for the ACT or SAT, you can include the NAIA Eligibility Center (9876) on the list of places test scores should be sent. **The registration fee is \$100.00. This is a one-time nonrefundable registration fee,** and all services of the NAIA Eligibility Center are included. The registration **fee will be waived** for students with demonstrated need.

UNIVERSITY OF NEBRASKA ENTRANCE REQUIREMENTS

Requirements for all colleges and universities vary, therefore, students should check with their guidance counselor and the institution they plan to attend for specific college entrance requirements. Requirements for the University of Nebraska Lincoln are listed below:

Eligibility Criteria Areas	University of Nebraska Lincoln General Admission Requirements
English	4 years (All classes must include intensive reading & writing experience)
Foreign Language	2 years of the same foreign language
Mathematics	4 years (Must include Algebra I & II, Geometry, and one additional year that builds on a knowledge of Algebra)
Science	3 years (Must include at least 2 years selected from Biology, Chemistry, Physics, and Earth Sciences. One class must include laboratory instruction)
Social Studies	3 years (Must include 1 year of American or World History, 1 additional year of History, American Government or Geography, and 1 additional year from any Social Science discipline)
Class Rank or ACT/SAT	For assured admission you must also graduate in the upper half of your class or have an ACT composite score of 20 or higher, or a SAT combined score of 1030.

Several UNL colleges have admission requirements in addition to the general university admission requirements. Detailed information about each individual college's admission requirements can be found on the UNL website – www.unl.edu - under prospective student.

Three admission categories will be used for implementation of the admission requirements:

ASSURED OR GUARANTEED ADMISSION: Freshmen who graduate from an accredited high school, and who successfully complete the 16 units of college preparatory work described in the above table, and who graduate in the upper half of their class, or have a composite ACT score of 20 or higher, or a combined SAT score of 1030 or higher on critical Reading and Math sections, are assured admission to the University of Nebraska-Lincoln.

ADMISSION BY REVIEW: Applications from individuals who do not meet the requirements for assured admission will receive individual review by an admission's officer. Students who are admitted through the Admission by Review process will be admitted in full standing, but may have certain conditions attached to their enrollment at UNL. Students who are admitted without completing all 16 core course requirements, for example, will be required to successfully complete an approved college-level course in the area of deficiency within their first 30 credit hours at UNL.

DEFERRED ADMISSION: Students who do not meet the requirements for Assured Admission, and who are admitted after individual review of their application materials, will be deferred until they have gained additional academic preparation.

PLATTSMOUTH HIGH SCHOOL GRADUATION REQUIREMENTS

English	40 credits
(including English I, English II or Honors Eng. II, English III or Honors Eng. III, and choice of Creative Writing, English Composition I & II, Holocaust Lit., Journalism, English IV)	
Mathematics	30 credits
(pre-determined by placement)	
Social Studies	35 credits
(including World Geography, American History or Honors Am. History, Govt. & Society or AP American Govt. & Politics, and choice of History and Films, Psychology, Sociology, U.S. Military History)	
Science	30 credits
(including General Biology, Physical Science or Honors Physical Science, and choice of Biology II, Chemistry, Honors Chemistry, Earth Science, Environmental Science, Human Anatomy/Physiology, Physics)	
Physical Education	20 credits
(including choice of PE/Health 9 or AS ROTC I and II, and choice of any combination of Beginning Weight Training, Adv. Weight Training, Lifetime Fitness, Aerobics, AS ROTC III and IV, or 4 first semesters of Marching Band)	
Fine Arts	10 credits
(choice of Intro to Drama, Art or any Music class)	
Career Exploration/Foun. of Computing	10 credits
(Car. Exp. for Class of 2025 & 2026, Car. Exp. & Foun. of Comp. for Class of 2027 & beyond)	
Career/College	10 credits
(Personal Finance and Capstone)	
Electives	55 credits
Total Credit Hours.....	
240	

All students are required to complete a graduation portfolio.

MY TENTATIVE HIGH SCHOOL PROGRAM FOR GRADES 9-12

You are encouraged to plan your high school program for future years. We feel this is an opportunity for all students to review the courses they have taken and attempt to decide their future program.

Students are encouraged to visit the Guidance Department for specific information about various colleges and career opportunities.

The form on the next page is for you to use in working on your four-year program.

TO THE PARENTS: You are encouraged to visit with the counselor concerning this four-year plan. This plan should be reviewed frequently especially before and after each semester is completed in your child's high school career.

TENTATIVE FOUR-YEAR PLAN

Grade 9	1st Sem		2nd Sem
English I	5	English I	5
World Geography	5	World Geography	5
General Biology	5	General Biology	5
Math _____	5	Math _____	5
PE 9 or AS ROTC I	5	PE 9 or AS ROTC I	5
Career Exploration	5	Elective _____	5
Elective _____	_____	Elective _____	_____
Elective _____	_____	Elective _____	_____
Total Credits	_____	Total Credits	_____

Grade 10	1st Sem		2nd Sem
English II or Hon Eng II	5	English II or Hon Eng II	5
American History or Hon Am History	5	American History or Hon Am History	5
Physical Science or Hon Phys Sci	5	Physical Science or Hon Phys Sci	5
Math _____	5	Math _____	5
*PE or AS ROTC II or III	5	*PE or AS ROTC II or III	5
Found. of Comp. or Elective	5	Found. of Comp. or Elective	5
Elective _____	_____	Elective _____	_____
Elective _____	_____	Elective _____	_____
Total Credits	_____	Total Credits	_____

Grade 11	1st Sem		2nd Sem
English III or Hon Eng III	5	English III or Hon Eng III	5
Govt. & Soc. or AP Amer. Govt.	5	Govt. & Soc. or AP Amer. Govt.	5
Science _____	5	Science _____	5
Math _____	5	Math _____	5
*Fine Arts _____	5	*Fine Arts _____	5
Elective _____	_____	Elective _____	_____
Elective _____	_____	Elective _____	_____
Elective _____	_____	Elective _____	_____
Total Credits	_____	Total Credits	_____

Grade 12	1st Sem		2nd Sem
English _____	5	English _____	5
*Career/College _____	5	*Career/College _____	5
*Social Studies Elective _____	5	Elective _____	_____
Elective _____	_____	Elective _____	_____
Elective _____	_____	Elective _____	_____
Elective _____	_____	Elective _____	_____
Elective _____	_____	Elective _____	_____
Elective _____	_____	Elective _____	_____
Total Credits	_____	Total Credits	_____

* These classes do not have to be taken when indicated but must be completed to meet graduation requirements. Check the course descriptions for grade level eligibility and register for them when you choose.

COURSE OFFERINGS

<u>COURSE</u>	<u>TYPE</u>	<u>SEMESTER</u>	<u>CREDITS</u>	<u>OPEN TO</u>
<u>ENGLISH:</u>				
English I	R	Full Year	10	9
English II or Hon Eng II	R	Full Year	10	10
English III or Hon Eng III	R	Full Year	10	11
Creative Writing	E	Semester	5	10-12
English Composition I	E	Semester 1	5	11-12
English Composition II	E	Semester 2	5	11-12
Holocaust Literature	E	Semester	5	11-12
English IV	E	Full Year	10	12
<u>MATHEMATICS:</u>				
Algebra IA		Full Year	10	9
Algebra IB		Full Year	10	10
Algebra I		Full Year	10	9-12
Applied Geometry		Full Year	10	11-12
Geometry		Full Year	10	9-12
Honors Geometry		Full Year	10	9-10
Algebra II		Full Year	10	10-12
Honors Algebra II		Full Year	10	10-11
Statistics		Semester	5	11-12
College Algebra		Semester 1	5	11-12
Trigonometry		Semester 2	5	11-12
AP Calculus I		Full Year	10	11-12
Consumer Math		Full Year	10	12
<u>SCIENCE:</u>				
General Biology	R	Full Year	10	9
Physical Science or Hon Phy Sci	R	Full Year	10	10
Biology II	E	Full Year	10	11-12
Chemistry	E	Full Year	10	11-12
Honors Chemistry	E	Full Year	10	11-12
Earth Science	E	Semester 1	5	11-12
Environmental Science	E	Semester 2	5	11-12
Physics	E	Full Year	10	11-12
Human Anatomy/Physiology	E	Full Year	10	11-12
<u>SOCIAL STUDIES:</u>				
World Geography	R	Full Year	10	9
American History or Hon Am His	R	Full Year	10	10
Government & Society	R	Full Year	10	11
AP Government & Politics	R	Full Year	10	11
History and Films	E	Semester	5	11-12
Psychology	E	Semester	5	11-12
Sociology	E	Semester	5	11-12
U.S. Military History	E	Semester	5	11-12

E=Elective Class R=Required Class

<u>COURSE</u>	<u>TYPE</u>	<u>SEMESTER</u>	<u>CREDITS</u>	<u>OPEN TO</u>
<u>AIR FORCE JROTC:</u>				
Aerospace Science I	E	Full Year	10	9
Aerospace Science II (offered 2025-2026)	E	Full Year	10	10-11
Aerospace Science III	E	Full Year	10	10-11
Aerospace Science IV	E	Full Year	10	12
<u>BUSINESS & TECHNOLOGY:</u>				
Career Exploration	R	Semester	5	9
Foundations of Computing	R	Semester	5	10
Capstone	R	Semester	5	12
Personal Finance or Hon. Per Fin.	R	Semester	5	11-12
Intro to Business	E	Semester	5	10-12
Marketing	E	Semester 1	5	10-12
Sports & Entertainment Marketing	E	Semester	5	10-12
Marketing Management	E	Semester 2	5	10-12
Accounting I	E	Full Year	10	10-12
Management & Leadership	E	Semester	5	11-12
Entrepreneurship	E	Year	10	11-12
Digital Media	E	Semester 1	5	10-12
Web Design & Development	E	Semester 2	5	10-12
AP Computer Science Principles	E	Full Year	10	9-12
AP Computer Programming	E	Full Year	10	10-12
Cyber Security	E	Semester	5	9-12
<u>COMMUNICATIONS:</u>				
Journalism I	E	Full Year	10	9-12
Publications	E	Full Year	10	10-12
Speech Communication	E	Semester	5	9-12
<u>FAMILY & CONSUMER SCIENCE</u>				
Intro to Family & Consumer Sci.	E	Semester	5	9-12
Teaching as a Profession	E	Semester	5	10-12
Human Development	E	Semester	5	9-12
Child Development	E	Semester	5	9-12
Family Relationships	E	Semester 2	5	9-12
Early Childhood Education I	E	Semester 1	5	10-12
Early Childhood Education II	E	Semester 2	5	10-12
Intro to Education	E	Full Year	10	11-12
Sports Officiating	E	Semester	5	11-12
Fund. of Nutrition & Cul. Ess.	E	Semester 1	5	9-12
Nutrition	E	Semester 2	5	9-12
Culinary Foods/Pro Start I	E	Full Year	10	10-12
Culinary Foods/Pro Start II	E	Full Year	10	11-12
Hospitality & Management	E	Semester 2	5	11-12
Life Span Nutrition & Wellness	E	Semester	5	10-12
Intro to Health Science Careers	E	Semester	5	10-12
Medical Terminology I	E	Semester 1	5	11-12
Medical Terminology II	E	Semester 2	5	11-12
Certified Nursing Assistant	E	Semester 2 (2 hr. block)	10	11-12
Sports Medicine	E	Semester	5	11-12

E=Elective Class R=Required Class

<u>COURSE</u>	<u>TYPE</u>	<u>SEMESTER</u>	<u>CREDITS</u>	<u>OPEN TO</u>
<i>FINE ARTS:</i>				
Art I	E	Full Year	10	9-12
Art II	E	Full Year	10	10-12
Art III	E	Full Year	10	11-12
Art IV	E	Full Year	10	12
Band	E	Full Year	10	9-12
General Music Appreciation	E	Full Year	10	9-12
Music History/Theory	E	Full Year	10	10-12
Percussion	E	Full Year	10	9-12
Varsity Choir	E	Full Year	10	9-12
Women's Choir	E	Full Year	10	9-12
Show Choir	E	Full Year	10	9-12
Intro to Drama	E	Full Year	10	9-12
<i>FOREIGN LANGUAGE:</i>				
Spanish I	E	Full Year	10	9-12
Spanish II	E	Full Year	10	10-12
Spanish III	E	Full Year	10	11-12
Spanish IV	E	Full Year	10	12
<i>INDUSTRIAL TECHNOLOGY:</i>				
Intro to Skills & Tech Science	E	Semester	5	9-12
Construction Trades 1	E	Semester	5	9-12
Construction Trades 2	E	Semester	5	10-12
Construction Trades 3	E	Full Year	10	11-12
Design & Fabrication	E	Semester	5	10-12
Drafting 1	E	Semester	5	10-12
Drafting 2	E	Semester	5	10-12
Architectural Drafting	E	Full Year	10	11-12
Housing/Interior Design	E	Semester	5	10-12
Basic Car Care	E	Semester	5	10-12
Small Engines	E	Semester	5	10-12
Auto Tech	E	Semester	5	10-12
Auto/Diesel Technology	E	Semester	5	11-12
Welding I	E	Semester	5	10-12
Welding II	E	Semester	5	10-12
Metals and Fabrication	E	Full Year	10	11-12
<i>PHYSICAL EDUCATION:</i>				
Phys. Ed./Health	R	Full Year	10	9
Aerobic Fitness	E	Full Year	10	10-12
Lifetime Fitness	E	Full Year	10	10-12
Begin. Weight Training	E	Full Year	10	10-12
Adv. Weight Training	E	Full Year	10	11-12

E=Elective Class R=Required Class

<u>COURSE</u>	<u>TYPE</u>	<u>SEMESTER</u>	<u>CREDITS</u>	<u>OPEN TO</u>
<u>SPECIAL EDUCATION:</u>				
Daily Living Skills Courses	IEP*	Full Year	10	9-12
Student Trng. Emp. Partnership	IEP*	Full Year	10	9-12
<u>OTHER OPPORTUNITIES:</u>				
ELL: Eng. Language Learners				9-12
Independent Study				11-12
Internship				12
Metro Career Academy				12

E=Elective Class R=Required Class

REGISTRATION PROCESS

Each spring registration for classes for the next school year will occur. All students, grades 8-11, will participate in this class registration process. The class registration will allow students to select the courses they plan to take during the fall and spring semesters of the next school year. It is imperative that students register for classes in which they actually intend to participate to earn credits. Students will complete the class registration process with the assistance of the counselors and the teacher advisor program.

A class registration worksheet will be completed by the students listing the required and elective courses they wish to take to earn credits. By signing the worksheets parents will have indicated their approval. Students will need to choose two alternate courses in case the original requests cannot be accommodated.

This class registration is not to be confused with the mandatory "re-enrollment" of students that parents must complete online for students to attend PHS the next academic year. The mandatory enrollment begins in July.




ONE SCHOOL, THREE ACADEMIES



Career Academies
PLATTSMOUTH HIGH SCHOOL



Career Academies are small learning communities designed to prepare students for college and careers. A “wall-to-wall” approach ensures all students participate in an academy suited to their strengths, interests, and learning preferences.

A T E A M	<p><i>Dedicated and Prepared</i></p>  <p>ATEAM ACADEMY</p> <ul style="list-style-type: none"> ▪ Architecture, Construction ▪ Transportation/logistics ▪ Environment & Agriculture ▪ Art ▪ Manufacturing <p><i>Student Organizations: Skills USA, FFA</i></p>
B E A C H	<p><i>Learning through Serving</i></p>  <p>BEACH ACADEMY</p> <ul style="list-style-type: none"> ▪ Business, Marketing & Management ▪ Education ▪ Arts (Performing) ▪ Communications, A/V Technology ▪ Human Services & Hospitality <p><i>Student Organizations: Educators Rising, FCCLA, DECA</i></p>
S T E A M	<p><i>Creative, Ethical, Scientific Minds</i></p>  <p>STEAM ACADEMY</p> <ul style="list-style-type: none"> ▪ Science ▪ Technology ▪ Engineering ▪ Aeronautics ▪ Mathematics <p><i>Student Organizations: FFA, HOSA, Skills USA</i></p>

CONTINUUM OF EXPERIENCES	
COURSES	<p>CAREER EXPLORATION PATHWAY COURSES DUAL CREDIT COURSES AP COURSES CAPSTONE COURSE</p>
EXPERIENCES	<p>BUSINESS TOURS GROUP COLLEGE VISITS COLLEGE & CAREER FAIR CAREER FIELD TRIPS INDIVIDUAL COLLEGE VISITS</p>
COLLEGE & CAREER PREP	<p>ACADEMY SELECTION ACADEMY ADVISOR CAREER MENTORS CAREER SPEAKERS PRE-ACT TEST PRACTICE ACT TEST ACT TEST/ASVAB TEST COLLEGE REP VISITS JOB SHADOWING COLLEGE APPLICATIONS FIN. AID/SCHOLARSHIPS CERTIFICATIONS PORTFOLIO INTERNSHIPS</p>

*Working together to achieve **A**cademic success, respectful **B**ehavior, and **C**areer readiness in a **S**afe environment.*

ONE SCHOOL,
THREE ACADEMIES



Contact Information:
402-296-3322
thelvorsen@pcsd.org
charvey@pcsd.org
1916 Old Highway 34
Plattsmouth, NE 68048

Every PHS Graduate Will Be:

College Ready

Every student will be prepared to continue their education in a postsecondary institution.

All students will complete the courses in the Personal Learning Plan AND at least one of the following:

- ACT of 20 or higher
- ASVAB of 31 or higher
- Earn at least 3 college credits
- Pass the Capstone Class



Career Ready

Every student will be prepared to bring value to their workplace.

All students will complete the Continuum of Experiences AND at least one of the following:

- Earn a career field certification
- Complete an internship
- Successfully complete a Capstone project

100+
community and business partners

Community and World Ready

Every student will be prepared to bring value to their community through their performance, skill, diligence, ethics, and responsible behavior.

All students will:

- Work with a Career Mentor
- Participate in at least one extra- or co-curricular activity
- Have an attendance rate of 95% or higher
- Gain volunteer experience in our community

20+
college courses offered from four institutions

*Working together to achieve **A**cademic success, respectful **B**ehavior, and **C**areer readiness in a **S**afe environment.*

Career Fields by Academy

ATEAM Academy

Architecture & Construction: *Carpenter, Electrician, Architect, Computer Aided Drafter, Equipment Operator, General Contractor*

Transportation: *Freight Mover, Warehouse Manager, Logistician, Mobile Equipment Technician, Truck Driver*

Environmental & Agricultural Systems: *Animal Geneticist, Farm and Ranch Manager, Veterinarian, Environmental Engineer, Biochemist, Food Broker, Conservation Officer, Wildlife Manager, Plant Scientist, Diesel or Farm Equipment Mechanic*

Arts (Visual): *Artist, Cartoonist, Illustrator, Fashion Designer, Interior Designer, Landscape Architect*

Manufacturing: *Materials Handler, Instrument Control Technician, Security System Installer, Design Engineer, Assembler, Machine Operator, Lab Technician*

BEACH Academy

Business: *Office Manager, CEO, Financial Analyst, Desktop Publisher, Accountant, Mortgage Broker, Claim Adjuster, Investment Adjuster, Public Relations Specialist, Marketing Manager, Merchandiser, District Sales Manager*

Education: *Principal, Teacher, School Counselor, Media Specialist, Curriculum Director*

Arts (Performing): *Actor, Musician, Play Writer, Choral Director, Choreographer, Disc Jockey, Composer, Producer, Stage Director*

Communications (A/V Tech): *Graphic Designer, Journalist, Radio/TV announcer, Web Designer, System Analyst*

Human Services and Hospitality: *Restaurant Owner, Chef, Travel Agent, Hotel Manager, Consumer Credit Counselor, Clinical Psychologist, Marriage Counselor, Child Care Provider, Social Worker, Nursing Home Worker, Cosmetologist, Funeral Director, Police Officer, EMT, Fire Fighter, Attorney, Legal Assistant, City or County Clerk*

STEAM Academy

Science/Health Science: *Zoologist, Biologist, Biomedical Engineer, Chemist, Lab/Research Technician, Physician, Optometrist, Chiropractor, Exercise Physiologist, Health Care Administrator, Dental Hygienist, Registered Nurse, Dietician*

Technology: *Desktop Publisher, Network Technician, Game Programmer, Digital Media Specialist, Web Designer, Technical Writer, PC Support Specialist, Computer Analyst*

Engineering: *Aeronautical Engineer, Biotechnology Engineer, Drafter, Technical Writer, Civil Engineer*

Aeronautics: *Air Traffic Controller, Pilot, Flight Engineer, Aircraft Technician, Aviation Designer, Aviation Maintenance Worker*

Mathematics: *Mathematician, Actuary, Statistician, Operations Research Analyst*

Career Academies are chosen during registration at the 8th grade level. If students are new to the district, they will choose their academy when they register for school. There will be an Academy Selection Form to complete that will determine their academy.

If a student needs to switch academies because they have changed their career interest, they must fill out a form from the Guidance Office. Changes will only be made at the end of a school year.

Pathways

How Pathways Work

Freshman year – Students are members of their selected Career Academy. They will have an Academy Advisor and spend time learning more about themselves and the careers that interest them.

Sophomore year – Students select a Pathway within their Career Academy and take the Introductory course.

Junior year – Students continue their Pathway by taking the Intermediate course.

Senior year – Students complete their Pathway by taking the Advanced course and may also participate in an “Expanded Learning Opportunity” associated with their Pathway.

Most high schools approach education the same, a one-size-fits-all experience. But at Plattsmouth High School, we’ve adopted a unique Academy model that empowers every student to find their interests and build their knowledge and skills for both work and life.

Plattsmouth High School’s nationally-recognized model offers three academies on one campus. Students choose their own path and join a small learning community with others who have similar interests. They receive hands-on, practical education and gain relevant career experience in an environment focused on nurturing individual learning preferences –all in a free, public school setting.

Career Academy Pathways are a series of courses that students take to be prepared for further study, or to enter a career field. Pathways ensure that students are gaining a deeper level of knowledge in their area of interest, in a sequential manner. Each student at PHS selects a Pathway to begin their Sophomore year while continuing their core classes and other selected Electives.

FIND YOUR PATH



ATEAM PATHWAYS
Architectural Design
Construction
Welding
Transportation, Distribution & Logistics - Technician

BEACH PATHWAYS
Entrepreneurship
Finance
Culinary Arts & Event Planning
Education & Training
Nutrition & Wellness
Counseling & Mental Health

STEAM PATHWAYS
Health Sciences
Life Span Performance
Digital Design

Individualized Pathways at PHS are available. Additional Pathways available through area colleges. See your Guidance Counselor for options.

Career and Technical Student Organizations

Career and Technical Organizations (CTSOs) provide real-life applications through programming service, and competitive events which contribute to overall learning for students in these courses. The following CTOS are offered at Plattsmouth High School:





ATEAM Academy Course Guide



Grade	English	Math	Science	Social Studies	Career / Pathway	Required Electives	Suggested Electives
9	English I	Algebra I	Biology	World Geography	Career Exploration	PE	Art Auto Tech Band Basic Car Care Choir Entrepreneurship Design & Fabrication Gen. Music App. Housing & Int. Design Intro to Drama JAG ROTC Spanish Web Design & Dev.
10	English II	Geometry	Biology ('24-'25 only)	American History	Foundations of Computing AND Pathway Course	PE (or ROTC / Band) Fine Arts	
11	English III	Algebra II	Earth Science AND Environmental Science	Government & Society	Pathway Course(s)		
12	English IV	Elective	Elective	US Military History OR History & Films	Capstone / Personal Finance		

* Many courses are offered as Honors, AP or Dual-Credit

ATEAM Pathways

	Introductory Course	Intermediate Course	Advanced Course	Expanded Learning Opportunity	CTSO
Architectural Design	Introduction to Skilled and Technical Sciences	Drafting 1 AND Drafting 2	ARCHITECTURAL DRAFTING	Internship	
Construction	Introduction to Skilled and Technical Sciences	Construction Trades 1 AND Construction Trades 2	CONSTRUCTION TRADES 3	Design & Fabrication Internship OSHA Certification	
Welding	Introduction to Skilled and Technical Sciences	Welding 1 AND Welding 2	METALS & FABRICATION	Internship OSHA Certification	
Transportation, Distribution & Logistics - Technician	Introduction to Skilled and Technical Sciences	Small Engines AND Auto Tech	AUTO / DIESEL TECHNOLOGY	Internship OSHA Certification	

*Courses in **BOLD** are year-long courses.

Individualized Pathways at PHS are available. Additional Pathways available through area colleges.

See your Guidance Counselor for options.



BEACH Academy Course Guide



Grade	English	Math	Science	Social Studies	Career / Pathway	Required Electives	Suggested Electives
9	English I	Algebra I	Biology	World Geography	Career Exploration	PE (or ROTC)	Art Band Chemistry Choir Creative Writing Digital Media Gen. Music App. Holocaust Lit. Hospitality & Management Intro to Drama Intro to Family & Consumer Sciences JAG Journalism Publications ROTC Spanish Speech Sports Officiating Web Design & Dev.
10	English II	Geometry	Biology ('24-'25 only)	American History	Foundations of Computing AND Pathway Course	PE (or ROTC / Band)	
11	English III	Algebra II	Biology II	Government & Society	Pathway Course(s)	Fine Arts	
12	English IV OR Eng. Comp I & II	<i>College Algebra AND Statistics</i>	<i>Human Anatomy & Physiology</i>	Psychology OR Sociology	Capstone / Personal Finance		

* Most courses are offered as Honors, AP or Dual-Credit

BEACH Pathways

	Introductory Course	Intermediate Course	Advanced Course	Expanded Learning Opportunity	CTSO
Entrepreneurship	Marketing OR Sports & Entertainment Marketing	ACCOUNTING I OR Marketing Management	ENTREPRENEURSHIP	Internship	
Finance	Introduction to Business	ACCOUNTING I	Statistics	Management & Leadership Internship	
Culinary Arts & Event Planning	Fundamentals of Nutrition and Culinary Essentials AND Nutrition	CULINARY 1 / PROSTART 1	CULINARY 2 / PROSTART 2	Hospitality & Management Internship	
Education & Training	Teaching as a Profession AND Human Development	INTRODUCTION TO EDUCATION		Child Development Early Childhood Internship	
Nutrition & Wellness	Fundamentals of Nutrition and Culinary Essentials	Nutrition	Lifespan Nutrition and Wellness	Internship	
Counseling & Mental Health	Introduction to Family & Consumer Sciences	Family Relationships	Psychology OR Sociology	Human Development Internship	

*Courses in **BOLD** are year-long courses.

Individualized Pathways at PHS are available. Additional Pathways available through area colleges.
See your Guidance Counselor for options.






STEAM Academy Course Guide



Grade	English	Math	Science	Social Studies	Career / Pathway	PE / Elective	Suggested Electives
9	English I	Algebra I	Biology	World Geography	Career Exploration	PE	AP Calculus AP Comp. Prog. AP Comp. Sci. Prin. Art Band Choir Cybersecurity Family Relationships Gen. Music App. Human Anatomy & Physiology Human Dev. Intro to Drama JAG Journalism ROTC Spanish Speech Statistics
10	English II	Geometry	Biology ('24-'25 only)	American History	Foundations of Computing AND Pathway Course	PE (or ROTC / Band) Fine Arts	
11	English III	Algebra II	Chemistry	Government & Society	Pathway Course(s)		
12	Eng. Comp I & II OR English IV	College Algebra AND Trigonometry	Physics	Psychology OR Sociology	Capstone / Personal Finance		

* Most courses are offered as Honors, AP or Dual-Credit

STEAM Pathways

	Introductory Course	Intermediate Course	Advanced Course	Expanded Learning Opportunity	CTSO
Health Sciences	Introduction to Health Science Careers (prerequisite Human Development)	HUMAN ANATOMY & PHYSIOLOGY OR Medical Terminology I	Certified Nursing Assistant (2 period block)	Internship	
Life Span Performance	Introduction to Health Science Careers (prerequisite Human Development)	HUMAN ANATOMY & PHYSIOLOGY OR Medical Terminology I	Sports Medicine OR Lifespan Nutrition and Wellness	Internship	
Digital Design	Digital Media	PUBLICATIONS (prerequisite JOURNALISM)	Web Design & Development	Internship	

*Courses in **BOLD** are year-long courses.

**Individualized Pathways at PHS are available.
 Additional Pathways available through area colleges.
 See your Guidance Counselor for options.**

NEBRASKA STANDARDS FOR

Career ready practice



{ www.education.ne.gov/nce/Standards.html }

Applies Appropriate
**ACADEMIC &
TECHNICAL
SKILLS**

The career ready individual...

COMMUNICATES
Effectively & Appropriately

Contributes to
**EMPLOYER &
COMMUNITY
SUCCESS**

**MAKES SENSE
OF PROBLEMS**
& Perseveres In Solving Them

Uses
**CRITICAL
THINKING**

Demonstrates
**INNOVATION
& CREATIVITY**

Models Ethical
**LEADERSHIP
& EFFECTIVE
MANAGEMENT**

**WORKS
PRODUCTIVELY
IN TEAMS**
& Demonstrates
Cultural
Competency

Utilizes
TECHNOLOGY

Manages
**PERSONAL
CAREER
DEVELOPMENT**

Attends to
**PERSONAL &
FINANCIAL
WELL-BEING**

COURSE
DESCRIPTIONS

PREREQUISITES

Prerequisites indicate requirements for enrollment into the class. Grade levels are a minimum grade level for enrollment.

ENGLISH

NOTE: The number of stars indicates the level of difficulty of each English course.

****ENGLISH I:** This course includes a study of literature and composition. Types of literature include the short story, the novel, drama, and poetry. Longer works include The Odyssey, Romeo and Juliet, Animal Farm and other selected readings. The course includes one research paper and numerous oral presentations. Compositions will focus on the multi-paragraph essay, but will include creative writing as well.
LENGTH: Year
CREDITS: 10
PREREQUISITE: None
GRADE: 9

****ENGLISH II:** This course is designed to introduce students to communication, both written and oral. Emphasis in oral communications will be on group discussions and public speaking. Emphasis in written communication will be on improving skills needed to express ideas in writing. Students will work in both fiction and non-fiction genres. The course will also include unit work in vocabulary, literature and grammar. Primary literary works include Julius Caesar or Hamlet, Lord of the Flies, and To Kill a Mockingbird.
LENGTH: Year
CREDITS: 10
PREREQUISITE: English I
GRADE: 10

*****HONORS ENGLISH II:** This course is designed to introduce students to communication, both written and oral. Emphasis in oral communications will be on group discussions and public speaking. Emphasis in written communication will be on improving skills needed to express ideas in writing. Students will work in both fiction and non-fiction genres. The course will also include unit work in vocabulary, literature and grammar. Primary literary works include Julius Caesar or Hamlet, Lord of the Flies, and To Kill a Mockingbird. This honors course will involve more reading outside of class, additional texts, and more rigorous assignments and tests.

LENGTH: Year
CREDITS: 10
PREREQUISITE: "B" or better in previous English class and teacher recommendation
GRADE: 10

****ENGLISH III:** This course covers the main trends in American Literature. Novels include Of Mice and Men, The Great Gatsby, and Our Town, as well as other 20th century novels. Writing will center in persuasive pieces with some creative writing and research. Revision, drafting, the 5-paragraph essay and oral communication are stressed.
LENGTH: Year
CREDITS: 10
PREREQUISITE: English I and II
GRADE: 11

*****HONORS ENGLISH III:** This course covers the main trends in American Literature. Novels include Of Mice and Men, The Great Gatsby, and Our Town, as well as other 20th century novels. Writing will center in persuasive pieces with some creative writing and research. Revision, drafting, the 5-paragraph essay and oral communication are stressed. This honors course will involve more reading outside of class, additional texts, and more rigorous assignments and tests.
LENGTH: Year
CREDITS: 10
PREREQUISITE: "B" or better in previous English class and teacher recommendation
GRADE: 11

****CREATIVE WRITING:** This course is designed to help students develop their reading, writing, and creativity. Students will write in a variety of genres such as prose (fiction, anecdotes, 55 words or less), poetry, and plays. Students may take a second semester of Creative Writing as an *elective credit*.
LENGTH: Semester
CREDITS: 5
PREREQUISITE: None
GRADES: 10, 11, 12

*****ENGLISH COMPOSITION I:** English composition is designed to develop writing skills and increase methods of research. Students write papers and essays that emphasize the importance of clarity, idea development, focus, organization, word choice, logic, and sentence construction. The process of planning, writing, revising, and editing essays for a particular audience and basic research-related skills are also emphasized.

LENGTH: Semester 1

CREDITS: 5 (Dual credit option, students receive 3 credits with Southeast Community College)

PREREQUISITE: If enrolling for Dual Credit, students must have an ACT English score of 18 or higher or a Accuplacer Test score of 70

GRADES: 11, 12

*****ENGLISH COMPOSITION II:** Students will read and analyze various texts and respond with research-based argumentative essays that demonstrate information literacy, critical reading, and source integration. A significant research project is required.

LENGTH: Semester 2

CREDITS: 5 (Dual credit option, students receive 3 credits with Southeast Community College)

PREREQUISITE: English Comp I

GRADES: 11, 12

*****HOLOCAUST LITERATURE:** This course introduces students to Nazi Germany's systematic mass murder of Europe's Jews and other minorities during the Second World War. It also presents students with literary perspectives on the mindset of the perpetrators, Jewish reactions to the Holocaust, Holocaust denial, and the "uniqueness" of the Holocaust. We will read documents from the time period, contemporary historical studies on the Holocaust and survivor accounts of their experiences. We will also touch on several modern and current occurrences of genocide.

LENGTH: Semester

CREDITS: 5

PREREQUISITE: "Cs" or higher in all previous English classes.

GRADES: 11, 12

***ENGLISH IV:** This course is a survey course. English skills are stressed through reading, writing, researching, discussing, thinking, interpreting, and debating issues.

LENGTH: Year

CREDITS: 10

PREREQUISITE: English I, II, III

GRADE: 12

MATHEMATICS

Class Year	Path One	Path Two	Path Three
FRESHMEN	*Algebra I	*Algebra I	*Honors Geometry
SOPHOMORE	*Geometry	*Alg II & Geo**(Potentially Honors)	*Honors Algebra II
JUNIOR	*Algebra II	Upper Level	Upper Level
SENIOR	Upper Level	Upper Level	Upper Level

* Three years of algebra-based mathematics are required for high school graduation.

**Taking two math classes in the same year requires a teacher's recommendation and the approval of the math department chair.

Students entering their freshman year will be placed in Algebra or Geometry based upon the recommendation of their 8th grade mathematics teacher(s), subject to review by the high school math department chair. Students with a history of difficulty in mathematics may be placed in an algebra class with more support than other classes may have.

Path One is the normal path for students entering high school at the ninth grade. **Path Two** is an option for students who are or become good math students their freshman year. Normally students must have at least a "B" average in math the freshman year in order to double up the sophomore year (doubling up requires teacher recommendation and the signature of the math department chair). **Path Three** is the path for students who complete Geometry in their freshman year.

Students who have completed three years of algebra-based math and enroll in a fourth year of math as an elective **must** pass the first semester of the elective math class in order to enroll in the second semester.

Our goal is for all students to be successful in mathematics the first time; however, in the event that a student should not achieve a passing grade, the following policy directs how math classes must be taken:

1. If a student fails a REQUIRED math class, the student must retake the class. No class that requires this class as a prerequisite may be taken until the entire class is passed.
2. If a student passes the first semester of a REQUIRED math class, but fails the second semester, the student **must** audit, for elective credit, the first semester of that class at the beginning of the next school year and retake the second semester. No class that requires this class as a prerequisite may be taken until the entire class is passed.
3. If a student fails the first semester of a REQUIRED math class, but passes the second semester, the student need only retake the first semester at the beginning of the next school year. No class that requires this class as a prerequisite may be taken until the entire class is passed.

ALGEBRA IA: NOTE: Student may not sign up for this class. Students are placed in this class by teacher recommendation, guidance counselor request, and math department chair approval.

This course begins with a lengthy review of arithmetic and other pre-algebra skills. Then the course introduces techniques for building skills in higher order mathematics through the use of variables. The course builds skills in addition, subtraction, multiplication, and division in an environment using variables, numbers and other symbols, focusing on solving equations and inequalities.

LENGTH: Year

CREDITS: 10

PREREQUISITE: None

GRADES: 9

ALGEBRA IB: NOTE: Students may not sign up for this class. Students are placed in this class by teacher recommendation, guidance counselor request, and math department chair approval.

The course begins by reviewing algebraic skills learned in Algebra IA. Then the student will read and analyze data, interpret graphs, communicate mathematically in symbolic and in written English form, and give oral explanations about problems and solutions. The units of study focus on quadratic and linear functions, exponents, radicals, and polynomials.

LENGTH: Year

CREDITS: 10

PREREQUISITE: None

GRADES: 10

ALGEBRA I: After briefly reviewing arithmetic skills, the course introduces techniques for building skills in higher order mathematics through the use of variables. The course builds skills in addition, subtraction, multiplication, and division in an environment using variables, numbers and other symbols. The student will read and analyze data, interpret graphs, communicate mathematically in symbolic and in written English form, and give oral explanations about problems and solutions. The units of study focus on equations and inequalities, quadratic and linear functions, exponents, radicals and polynomials.

LENGTH: Year

CREDITS: 10

PREREQUISITE: None

GRADES: 9, 10, 11, 12

APPLIED GEOMETRY : NOTE: Students may not sign up for this class. Students are placed in this class by teacher

recommendation, guidance counselor request, and math department chair approval.

The course covers numeration, geometric classifications, lines and angles, drawing angles and shapes, measuring angles and shapes, triangles, polygons, area, volume. This course reviews Algebra I and teaches Geometry skills with a hands-on approach with application.

LENGTH: Year

CREDITS: 10

PREREQUISITE: Algebra I or Algebra 1B

GRADE: 11, 12

GEOMETRY: Students will use geometric construction methods to discover geometric relationships (called conjectures). Students will then learn how to use laws of logic and formal proof methodology to form mathematical arguments to prove other geometric relationships (theorems). The course emphasizes inductive reasoning to discover the conjectures and deductive reasoning to develop and prove theorems.

LENGTH: Year

CREDITS: 10

PREREQUISITE: Algebra I

NOTE: Geometry can be taken at the same time as Algebra II upon teacher, parent, & department head approval

GRADES: 9, 10, 11, 12

HONORS GEOMETRY: This course emphasizes those topics included in the standard Geometry curriculum at a faster pace and in greater depth. Additional projects will be required. Students will make observations from constructions, participate in group work in a cooperative setting to create data sets, make and justify conclusions based on pooled data and communicate the results effectively. Students will need a compass, protractor, and a straightedge; however, these tools will be provided for in-class use only, but not for checkout. Honors Geometry is intended for students considering post-secondary education and/or careers in science, business, music, engineering, medicine, statistics, and mathematics.

LENGTH: Year

CREDITS: 10

PREREQUISITE: 85% or better in Algebra I OR teacher recommendation.

NOTE: Algebra II can be taken at the same time as Geometry upon teacher, parent, & department head approval

GRADES: 9, 10

ALGEBRA II: This is a rigorous course emphasizing problem solving involving linear and quadratic relations, graphing using both traditional and technology methods, matrix manipulation, factoring, functions, irrational numbers, exponents, and linear systems in one, two and three variables. Students will reason mathematically, communicate mathematically, use mathematics to solve problems, and make connections between mathematics and the world around them. Emphasis is on interpretation, analysis, and making sense of the problem, the process, and the answer.

LENGTH: Year

CREDITS: 10

PREREQUISITE: Algebra I **AND** Geometry

NOTE: Algebra II can be taken at the same time as Geometry upon teacher, parent, & department head approval

GRADES: 10, 11, 12

HONORS ALGEBRA II: This course emphasizes those topics included in the standard Algebra II curriculum at a faster pace and in greater depth. Additional topics covered are trigonometric functions and properties, conics, and parametrics. Students will reason mathematically, communicate mathematically, use mathematics to solve problems, and make connections between mathematics and the world around them. Emphasis is on interpretation, analysis, and making sense of the problem, the process, and the answer. Honors Algebra II is intended for students considering post-secondary education and/or careers in science, business, music, engineering, medicine, statistics, and mathematics.

LENGTH: Year

CREDITS: 10

PREREQUISITE: 85% or better in Algebra I **AND** Geometry OR teacher recommendation.

NOTE: Algebra II can be taken at the same time as Geometry upon teacher recommendation, parent, & department head approval.

GRADES: 10, 11

STATISTICS: Statistics is a rigorous course that immerses the student in statistical models with emphasis on data collection, processing, interpretation, and display (graphing). Students will use population sampling to make estimates and inferences. Students will also develop regression models for making predictions. Students learn the key components of randomness along with strategies for sampling techniques. Students should expect daily

assignments, researched-based writing assignments, and group projects.

LENGTH: Semester

CREDITS: 5

PREREQUISITE: Algebra I, Geometry, and Algebra II

GRADES: 11, 12

COLLEGE ALGEBRA: This course is a rigorous advanced math course integrating algebra and geometry with data analysis, functions, and discrete math. Conceptual and procedural understanding of algebra will be emphasized through representing, analyzing, and solving functions. Visual representation of functions and relations using hand-held calculator, and/or computer-generated graphs is emphasized throughout the course. College Algebra is intended for students considering post-secondary education and/or careers in science, business, music, engineering, medicine, computer science, statistics, and mathematics.

LENGTH: Semester 1

CREDITS: 5

PREREQUISITE: Algebra II with "C" or better; or teacher and department head approval

GRADES: 11, 12

TRIGONOMETRY: Trigonometry is a rigorous advanced math course integrating the six basic trigonometric functions and their applications to a variety of abstract and real-world scenarios. Algebraic and geometric fundamentals are used to explore analytical geometry in depth. Students will study relations, functions, graphs, trigonometry, polar coordinates, complex numbers, limits, and derivatives. Visual representation of these trigonometric functions using hand-held calculators, and/or computer-generated graphs is emphasized throughout the course. Major projects requiring research, essays, and/or multi-media presentation are assigned periodically throughout the semester. Trigonometry is intended for students considering post-secondary education and/or careers in architecture, engineering, computer science, aeronautics, criminology, biology, physics, and mathematics.

LENGTH: Semester 2

CREDITS: 5

PREREQUISITE: Completion of College Algebra

GRADES: 11, 12

ADVANCED PLACEMENT CALCULUS I:

AP Calculus emphasizes those topics that are included in the AP Calculus (AB) curriculum. The topics are elementary functions (algebraic, trigonometric, exponential, logarithmic, and parametric); limits, continuity, differential calculus, applications of derivatives, integral calculus, and applications of integrals. At the conclusion of the year all students should be prepared to take AP Calculus Test (AB) to earn college credit. AP Calculus is intended for students considering post-secondary education and/or careers in science, business, music, engineering, medicine, statistics, and mathematics.

LENGTH: Year

CREDITS: 10

PREREQUISITE: College Algebra with a "B" or better

GRADES: 11, 12

CONSUMER MATH: Consumer Math builds on the concepts and skills developed in Algebra I and Geometry. Students will learn the necessary skills for personal banking to include checking accounts, savings accounts, loans, and managing household income; paying taxes, and renting or buying a home; applying geometric concepts to calculate areas, perimeters, and distances; conducting responsible credit management; and finding health and life insurance. As opportunities arise, other topics such as investments, stocks, bonds, the condition of the national economy, etc., may be investigated to introduce students to a variety of ways that mathematics will affect their lives. The course relies on many hands-on projects that may involve computers, calculators, or other forms of technology. Assessments will be in the form of paper-and-pencil tests, along with ways to show mastery of real life situations. This class IS NOT recommended for students considering post-secondary education at a two-year or four-year college or university.

LENGTH: Year

CREDITS: 10

PREREQUISITE: Must have math teacher or administration permission

GRADE: 12

SCIENCE

GENERAL BIOLOGY: The course content includes biological principles that apply to all organisms. This course will engage students through hands-on/minds-on activities, short discussions, cooperative learning structures, lab investigations, and student-created experimental design. Lessons will focus on cell biology, genetics, evolution, and ecology. The course provides students an opportunity to become biologically literate and prepares them for future science studies.

LENGTH: Year

CREDITS: 10

PREREQUISITE: None

GRADE: 9

PHYSICAL SCIENCE: This course is designed to present basic concepts and principles of physical science—the study of matter and energy. The course content includes basic chemistry and physics concepts. This student-centered course will engage students through hands on/minds on activities, short discussions, and cooperative learning structures, laboratory investigations, inquiry and student-created experimental design. During the study of chemistry, students investigate what substances are made of and the interaction between substances. Forms of energy and motion are investigated during the physics portion of this course. This course provides a science literacy foundation that will aid the student as he/she enrolls in future science courses.

LENGTH: Year

CREDITS: 10

PREREQUISITE: None

GRADE: 10

HONORS PHYSICAL SCIENCE: This course is designed to present basic concepts and principles of physical science—the study of matter and energy. The course content includes basic chemistry and physics concepts. This student-centered course will engage students through hands on/minds on activities, short discussions, and cooperative learning structures, laboratory investigations, inquiry and student-created experimental design. During the study of chemistry, students investigate what substances are made of and the interaction between substances. Forms of energy and motion are investigated during the physics portion of this course. This course provides a science literacy foundation that will aid the student as he/she

enrolls in future science courses. Compared to the regular class, this class will occur at an accelerated pace with additional material and a higher level of rigor.

LENGTH: Year

CREDITS: 10

PREREQUISITE: Teacher recommendation

GRADES: 10

BIOLOGY II: This is a composition of botany, zoology, and microbiology. The students will study multicellular plants, concentrating on the function, reproductive patterns, physiology, and taxonomy. Experiments on plant physiology will be conducted. Students will also investigate the physical characteristic and lifestyles of many of the different animal groups from the very simple to the very complex. Finally, the student will explore the work of microbes. The objectives are to acquaint students with the basic lab Techniques and tools of microbiology, and acquaint students with fundamental characteristics of various microbes. Students will also develop skills in dealing with experimental design, including the collection and analysis of data.

LENGTH: Year

CREDITS: 10

PREREQUISITE: General Biology “B” or higher

GRADES: 11, 12

CHEMISTRY: Chemistry is the study of the composition, structure, and properties of matter and the changes they undergo. This course is strongly suggested for students planning on attending college. Emphasis is placed upon understanding atomic theory, the arrangement of the periodic table, chemical reactions, and stoichiometry. Students are expected to accomplish daily homework assignments in addition to lab experiments and semester projects.

LENGTH: Year

CREDITS: 10

PREREQUISITE: Algebra I. Strongly recommend “B” or better in both Physical Science & Algebra I, and be enrolled in Algebra II

GRADES: 11, 12, or 10 by permission from the instructor

HONORS CHEMISTRY: This advanced Chemistry course is designed for the college-bound student that is interested in pursuing a science-related field of study. This course will cover a broader range of topics than that of the general chemistry course and will move at an accelerated pace. Emphasis will be placed on the periodic table and its arrangement, chemical reactions, molecular structure, gas laws, acids & bases, and organic chemistry. Students will be expected to accomplish daily homework assignments, lab experiments, semester projects, & midterms. This is a rigorous & demanding course.

LENGTH: Year

CREDITS: 10

PREREQUISITE: Strongly recommend passing Physical Science, General Biology, and Algebra I with an "A", and be enrolled in or have passed Algebra II

GRADES: 11, 12, or 10 by permission from the instructor

EARTH SCIENCE: A one semester class encompassing the study of the earth and of the universe around it. Topics include plate tectonics, atmosphere and weather, global climate, planets, and star formation. Special emphasis will be placed on evidence, models, and explanation as it relates to these topics.

LENGTH: Semester 1

CREDITS: 5

PREREQUISITE: None

GRADES: 11, 12

ENVIRONMENTAL SCIENCE: This is an interdisciplinary study of how the earth works, how we are affecting the earth's life support systems, and how to deal with the environmental problems we face. Topics include pollution, pesticides, carrying capacity, biodiversity, and extinction among others. Special emphasis will be placed on field methods of investigation and experimental design in an outdoor setting.

LENGTH: Semester 2

CREDITS: 5

PREREQUISITE: None

GRADES: 11, 12

PHYSICS: Physics is the study of the natural laws of the universe – finding answers to the question "Why does that happen?" This course is taught to prepare students for college science courses, with an emphasis on understanding how mathematics is used to model reality in science. The class covers a diverse range of topics from mechanics to

electricity and energy transfer, and students will be expected to accomplish daily homework assignments in addition to lab experiments, computer work, and semester projects.

LENGTH: Year

CREDITS: 10

PREREQUISITE: At minimum Algebra II and Geometry, but strongly recommend having passed Pre-Calculus, and currently taking Calculus, and a "B" or better in Physical Science, Algebra II, and Geometry

GRADES: 11, 12

This course is offered every other year.

HUMAN ANATOMY/PHYSIOLOGY:

Anatomy/Physiology class is for students who are seriously considering careers in the medical/health related fields. This course will include dissection, microscopy and lab work. It is designed to prepare the college-bound student by reviewing basic principles of biology and studying structure and function of the human body in detail.

LENGTH: Year

CREDITS: 10

PREREQUISITE: General Biology "B" or higher

GRADE: 11, 12

SOCIAL STUDIES

WORLD GEOGRAPHY: World Geography includes the study of the relationship between man and his environment with emphasis on human problems and cultural differences. Requirements include: hands-on projects and oral presentations based on a research process.
LENGTH: Year
CREDITS: 10
PREREQUISITE: None
GRADE: 9

AMERICAN HISTORY: This course is built around the development of the American nation and designed to help individuals understand and appreciate their heritage. The primary emphasis of the course will be upon 20th Century America.
LENGTH: Year
CREDITS: 10
PREREQUISITE: None
GRADE: 10

HONORS AMERICAN HISTORY: This advanced American History course covers the development of the American nation beginning with Reconstruction and ending with the Civil Rights Movement of the 1960s. The purpose of this course is to help individuals understand and appreciate their heritage. Since this is an honors course, students will be held to a more rigorous pace of study which will include analysis of primary sources and written assignments and projects designed to develop critical thinking skills.
LENGTH: Year
CREDITS: 10
PREREQUISITE: "B" or better in World Geography and teacher recommendation
GRADE: 10

GOVERNMENT AND SOCIETY: The purpose of this course is to gain insight into the government and society of the United States. The major portion of the course will deal with the national government. Emphasis will be placed on the theory of our democratic system. The next part of the course will cover state and local government with emphasis to be placed on Nebraska government. The third part will deal with today's society in the United States.

Emphasis will be in the area of the economy and instructions, foreign policy and current issues.
LENGTH: Year
CREDITS: 10
PREREQUISITE: None
GRADE: 11

ADVANCED PLACEMENT AMERICAN GOVERNMENT & POLITICS: This course will give college-bound students an analytical perspective on government and politics in the United States. This course includes the study of Constitutional underpinnings, political beliefs and behaviors, political parties, interest groups, mass media, institutions of government, public policy, and civil rights and liberties. At the end of the year, all students should be prepared to take the AP American Government and Politics exam to earn college credits.
LENGTH: Year
CREDITS: 10 (Dual credit option; students receive 3 credits with UNO)
PREREQUISITE: Grade "B" or higher in American History and cumulative 3.0 GPA or higher
GRADES: 11

HISTORY AND FILMS: This course will take a look at select periods of United States and world history through Hollywood's eyes. Students will view films and then determine if they are historically accurate. Students will judge films for historical accuracy, depictions of people and events, and distortions of history. Students will research the time period and compare with the Hollywood version. The format of the class is designed for a student with an interest in history, whom will be self-motivated to conduct research and write papers or make presentations using critical thinking skills.
LENGTH: Semester
CREDITS: 5
PREREQUISITE: American History
GRADES: 11,12

PSYCHOLOGY: This course is designed for the college-bound student. Areas of study include the function of the brain and nervous system, sensations and perceptions, behavior disorders, and other areas of psychology. A good foundation in biological science is necessary for this class. Critical reviews of professional articles will also be required.

LENGTH: Semester

CREDITS: 5

PREREQUISITE: None

GRADES: 11, 12

SOCIOLOGY: Sociology deals with the study of man's behavior as related to group interaction. The central area of study will be man's behavior in groups. Group study will include cultures, urban area, the family, and social deviations. Requirements will include an oral report based on sociological research.

LENGTH: Semester

CREDITS: 5

PREREQUISITE: None

GRADES: 11, 12

U.S. MILITARY HISTORY: This course will examine the history of American military policy from the colonial period through Operation Desert Storm. The class will focus on the creation of American military institutions, the relationship between foreign and military policy, the conduct of war, and the influence of American society upon the armed forces of the United States. Students will achieve an understanding of the main developments in American military history and the ways in which those developments shaped general American history. Students will use critical writing and analysis skills to gain a greater insight into the way historians explore the human condition.

LENGTH: Semester

CREDITS: 5

PREREQUISITE: None

GRADES: 11, 12

AIR FORCE JUNIOR ROTC

AEROSPACE SCIENCE I – MILESTONES IN AVIATION HISTORY/TRADITIONS, WELLNESS, AND

FOUNDATIONS OF CITIZENSHIP: *Milestones in Aviation History* is the Aerospace Science component of **Aerospace Science I**. It is an aviation history course focusing on the development of flight throughout the centuries. *Traditions, Wellness, and Foundations of Citizenship* is the Leadership Education component of **Aerospace Science I**. This course introduces cadets to the Air Force Junior Reserve Officer Training Corps (AFJROTC) program. Wearing the Air Force uniform once per week is a graded event and a required part of AFJROTC.*

LENGTH: Year

CREDITS: 10

PREREQUISITE: None

GRADE: 9 or students entering program for the first time

(NOTE BELOW: The Aerospace Science II and Aerospace Science III courses are offered on an alternate year basis to 10th and 11th grade cadets. Aerospace Science II will be offered during the 2025 – 2026 school year. Aerospace Science III will be offered during the 2024 – 2025 school year.)

AEROSPACE SCIENCE II – THE SCIENCE OF FLIGHT/COMMUNICATION, AWARENESS, AND LEADERSHIP:

The Science of Flight is the Aerospace Science component of **Aerospace Science II**. This course is designed to acquaint cadets with the aerospace environment, the human requirements of flight, principles of aircraft and rocket flight, and principles of air navigation. *Communication, Awareness, and Leadership* is the Leadership Education component of **Aerospace Science II**. Course topics include communication, listening, critical thinking, writing, speaking, attitude, integrity, consequences, responsibilities, team dynamics, mutual respect, conflict, building consensus, and leadership*

LENGTH: Year

CREDITS: 10

PREREQUISITE: Student must receive approval to enroll from the Senior Aerospace Science Instructor.

GRADES: 10, 11

AEROSPACE SCIENCE III – SURVIVAL/LIFE

SKILLS AND CAREER OPPORTUNITIES: *Survival* is the Aerospace Science component of **Aerospace Science III**. *Survival* will provide training in skills, knowledge, and attitudes necessary to successfully perform fundamental tasks needed for survival in many situations, such as procuring water and food, shelter building, fire starting, and land navigation. *Life Skills and Career Opportunities* is the Leadership Education component of **Aerospace Science III**. Course topics include personal finance and budget, savings and bank accounts, grocery shopping and consumerism, renting or leasing a house or apartment, buying or leasing a car, credit and how it works, credit cards, insurance for protecting your assets, careers and career paths, financing for college, selecting a college,

college entrance and placement exams, college essays and interviews, college visits and college life, choosing a major and planning a schedule, job searches, resumes and cover letters, job interviews, military careers, aerospace careers, public service careers, professional development, feedback and job promotions, and civic responsibilities.*

LENGTH: Year

CREDITS: 10

PREREQUISITE: Student must receive approval from the Senior Aerospace Science Instructor.

GRADES: 10, 11

AEROSPACE SCIENCE IV – MANAGEMENT OF THE CADET CORPS/FUNDAMENTALS OF

MANAGEMENT: *Management of the Cadet Corps* is the Aerospace Science component of **Aerospace Science IV**. This is a leadership and management course where cadets assume leadership roles in the Cadet squadron and manage the entire Cadet Corps operation. *Fundamentals of Management* is the Leadership Education component of **Aerospace Science IV**. Course topics include management basics, leadership, project planning and execution, planning, decision making, time management, motivating and evaluating others, work teams, delegating, negotiating, and mentoring.*

LENGTH: Year

CREDITS: 10

PREREQUISITE: Aerospace Science I, II, or III & must receive approval from the Senior Aerospace Science Instructor.

GRADE: 12

*Cadets at every level of Aerospace Science will normally spend one day per academic week engaged in physical wellness activities.

*Students who fail to complete the semester with at least an 80% may not be allowed to return the next semester.

*All courses require the wear of a military uniform one day each week.

BUSINESS AND TECHNOLOGY

CAREER EXPLORATION: This course will engage students in activities where they will learn and apply the career and college planning process using the Nebraska Career Education Model and related resources. Students will identify personal interests, skills and values and apply this knowledge to academic, college, and career decision-making. Students will demonstrate progress/proficiency in Nebraska Career Readiness Standards of Practice that are current expectations in today's workplace. Students will activate the planning process by setting goals, developing and implementing a Personal Learning Plan for effective transition from high school to most appropriate post-secondary education based on knowledge of self, career goal and financial considerations. Students will also learn the basics in the areas of word processing, spreadsheet applications, electronic presentations, internet usage, security issues, and electronic communication.

THIS COURSE IS REQUIRED FOR GRADUATION.

LENGTH: Semester
CREDITS: 5
PREREQUISITE: None
GRADES: 9

FOUNDATIONS OF COMPUTING: Students will explore the impact of computing in society and build skills in digital citizenship and cybersecurity. Beyond learning the fundamentals of programming, students build computational-thinking skills by applying computer science to collaboration tools, modeling and simulation, and data analysis.

THIS COURSE IS REQUIRED FOR GRADUATION.

LENGTH: Semester
CREDITS: 5
PREREQUISITE: None
GRADES: 10

CAPSTONE: This course is designed to be a summative evaluation in which the student is given the opportunity to demonstrate integrated knowledge and growth in a college/career area or across their overall academic experiences. The course will assess a student's cognitive and intellectual growth in a career path of the student's choosing and also their overall academic learning experience. In addition, an

opportunity will be provided for students to integrate and apply learning from their career pathway and their general academic studies in a comprehensive manner. The course will include the creation of career portfolios. Furthermore, professional skills such as time management, note taking, and presentation skills will be taught.

THIS COURSE IS REQUIRED FOR GRADUATION

LENGTH: Semester
CREDITS: 5
PREREQUISITE: None
GRADE: 12

PERSONAL FINANCE: A course designed to assist students in personal financial management skills. Students learn to manage their resources and to make sound personal financial decisions. Units of study include budgeting, credit, insurance, saving and investing, home ownership, banking, taxes, wills and estates.

THIS COURSE (OR HONORS PERSONAL FINANCE) IS REQUIRED FOR GRADUATION.

LENGTH: Semester
CREDITS: 5 (Dual credit option, students receive 3 credits with Nebraska Wesleyan Univ.)
PREREQUISITE: None
GRADES: 11, 12

HONORS PERSONAL FINANCE: This course will cover the same material as Personal Finance but will go more in depth in various topics. It is designed to assist students in personal financial management skills. Students learn to manage their resources and to make sound personal financial decisions. Units of study include budgeting, credit, insurance, saving and investing, home ownership, banking, taxes, wills and estates. Students should take this course if they are wanting dual credit. **THIS COURSE (OR PERSONAL FINANCE) IS REQUIRED FOR GRADUATION.**

LENGTH: Semester
CREDITS: 5
PREREQUISITE: None
GRADES: 11, 12

INTRODUCTION TO BUSINESS: A course designed to give students an overview of the business, marketing and management career field. This course is designed as an introductory study of business. Units of study include scope and function of business and economic systems, forms of business ownership, Legal and ethical issues in business and business career opportunities.

LENGTH: Semester

CREDITS: 5

PREREQUISITE: None

GRADES: 10, 11, 12

MARKETING: A course of study that provides a sound foundation in the principles of economics and the fundamentals of marketing. The curriculum provides the foundational skills and knowledge in economic, communication skills/interpersonal skills, professional development, business, management and entrepreneurship. Emphasis will also be placed on the mastery of skills needed to plan, organize, finance, and operate an entrepreneurial enterprise.

LENGTH: Semester 1

CREDITS: 5

PREREQUISITE: None

GRADES: 10, 11, 12

SPORTS & ENTERTAINMENT MARKETING:

This course will provide students with an understanding of the business side of the sports and entertainment industries. Students will learn the basics of marketing and develop original and creative ideas for entertainment and sports related businesses, such as sponsorships, event marketing and promotions, and endorsement contracts through assignments, projects, computer simulations, and group activities.

LENGTH: Semester

CREDITS: 5

PREREQUISITE: None

GRADES: 10, 11, 12

MARKETING MANAGEMENT: This course develops student understanding and skills promotion, channel management, marketing-information management, market planning, pricing, and product/service management. The curriculum utilizes communication, team building, and problem-solving skills while applying academic and critical-thinking strategies.

Application of academic concepts and technology are integrated throughout the curriculum enhancing career and professional development.

LENGTH: Semester 2

CREDITS: 5

PREREQUISITE: Marketing or Sports & Ent. Marketing

GRADES: 10, 11, 12

ACCOUNTING I: The study of the fundamental principles involved in the preparation and maintenance of financial records concerned with business management and operations. The course is a comprehensive introduction to basic financial accounting including recording, summarizing and reporting, principles of income measurement and asset valuation, accounting systems and controls.

LENGTH: Year

CREDITS: 10

PREREQUISITE: None

GRADES: 10, 11, 12

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

LENGTH: Semester

CREDITS: 5

PREREQUISITE: Intro to Business

GRADES: 11, 12

ENTREPRENEURSHIP: How do you turn an idea into a business? Experience just that in this course! Entrepreneurship focuses on recognizing a business opportunity, starting a business, operating and maintaining a business. More importantly we focus on the problem your business will address and the feasibility of such a business, with market research. Integration of accounting, finance, marketing, business management, legal and economic environments will be developed throughout projects in this course. Engaging students in the creation and management of a business and the challenges of being a small business owner will be fulfilled in this course. Professional communication skills and practices, problem-solving, ethical and legal issues, and the impact of effective presentation skills are enhanced in this course to prepare students to be college and career ready. Employability skills are integrated into activities, tasks, and projects throughout the course

standards to demonstrate the skills required by business and industry.

LENGTH: Year

CREDITS: 10

PREREQUISITE: None

GRADES: 11,12

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

LENGTH: Semester 1

CREDITS: 5

PREREQUISITE: None

GRADES: 10, 11, 12

WEB DESIGN AND DEVELOPMENT: Students will demonstrate knowledge of web design and languages including HTML, and utilize web design to develop web pages. Students will apply principles and elements of design using images, hyperlinks, tables, forms, and cascading style sheets.

LENGTH: Semester 2

CREDITS: 5

PREREQUISITE: None

GRADES: 10,11,12

AP COMPUTER SCIENCE PRINCIPLES: In this course you will learn key concepts in computer science and learn how to write your own computer programs. The exercises and projects make use of mobile devices and other programming platforms. There is no prior programming knowledge needed for this course. Beginners are welcome! At the end of this course, you will have learned key concepts in computer science and essential thought processes used by computer scientists to solve problems. This course will prepare you to move up to intermediate-level computing courses.

(THIS COURSE WILL FULFILL THE FOUND. OF COMPUTING REQUIREMENT.)

LENGTH: Year

CREDITS: 10 (Dual Credit option; students receive 3 credits with UNO)

PREREQUISITE: "C" or better in Algebra I or approval from teacher

GRADES: 9, 10, 11, 12

AP COMPUTER PROGRAMMING: This is an introduction to programming within the context of a high level modern programming language. Coverage includes fundamental programming concepts and program design; including arrays, user defined types, and objects.

LENGTH: Year

CREDITS: 10 (Dual Credit option; students receive 3 credit with UN

PREREQUISITE: AP Computer Science Principles, completed or enrolled in Algebra II, "C" or better in Geometry, permission of Instructor

GRADES: 10, 11, 12

CYBER SECURITY: This course emphasizes our current dependence on information technology and how its security in cyberspace (or lack thereof) is shaping the global landscape. Topics covered include cyber crime, malware, intrusion detection, cryptography, and how to secure one's own data and computer system.

Several aspects of this course are geared towards developing an understanding of the "cyberspace" as a new medium that breaks all geographical boundaries, while highlighting noticeable influences on it from social, political, economic and cultural factors of a geographical region.

LENGTH: Semester

CREDITS: 5 (Dual Credit option; students receive 3 credits with UNO)

PREREQUISITE: "C" or better in Algebra I

GRADES: 9, 10, 11, 12

COMMUNICATIONS

JOURNALISM: This is a year-long course designed to teach and put into practice the techniques used in publishing a school/community newspaper. Students study the skills of interviewing, lead writing, copy writing, headline writing, and layout. Students will have an introduction to Adobe. Photography may be learned outside class time throughout the year. This course will fulfill fourth year English requirement.

LENGTH: Year

CREDITS: 10

PREREQUISITE: "C" average in English recommended

GRADES: 9, 10, 11, 12

SPEECH COMMUNICATIONS: This course is a study of the informative, interpretive, and persuasive techniques. Emphasis will be placed upon outlining, organization, research, and editing techniques, as well as speaking and delivery techniques. Each student will be responsible for performing approximately five (5) individual and group speeches. Evaluation and grading will be based on daily assignments and according to individual progress and improvement in the various speech techniques.

LENGTH: Semester

CREDITS: 5

PREREQUISITE: None

GRADES: 9, 10, 11, 12

PUBLICATIONS: Students will be responsible for the production of the PHS yearbook, The Platonian. While producing a quality yearbook, students will acquire knowledge and skills in the fields of journalism, composition and layout, technology, publishing, graphic arts, and business. A background in journalism, computers, and photography is helpful as students will be responsible for writing copy, creating layouts, and taking and editing photos. Students will work with Adobe Photoshop, Adobe Creative Suite, and our yearbook publishing company's online design program. Students are given positions on the staff based on their background and previous experiences in art, journalism, desktop publishing, photography, and marketing. This class requires work outside of the school day. Students in this class will compete in various competitions. Students must commit to the full year. **This class is not available for students planning to graduate early.**

LENGTH: Year

CREDITS: 10

PREREQUISITE: Journalism I with a "B" or above or instructor approval.

GRADES: 10, 11, 12

FAMILY AND CONSUMER SCIENCE

EDUCATION

INTRODUCTION TO FAMILY AND CONSUMER SCIENCES:

This introductory course is intended to provide a basic overview of all areas with Family and Consumer Sciences. Basic knowledge and career skills that are applicable to personal growth and career development will be covered. Additional course topics include: leadership, communication, child development, mental health, nutrition and food preparation, clothing and interior design, and personal finance.

LENGTH: Semester

CREDITS: 5

PREREQUISITE: None

GRADES: 9, 10, 11, 12

TEACHING AS A PROFESSION:

This introductory course is designed to introduce students to career opportunities and related skills in the field of education and training. Topics covered include history of education, the philosophy of education, roles of educators, instructional and assessment methods, diversity of cultures and communities, learner development, and professional development.

LENGTH: Semester

CREDITS: 5

PREREQUISITE: None

GRADES: 10, 11, 12

HUMAN DEVELOPMENT: Students will study human development (physical, mental, emotion, and social) from infant through adolescence. The course will include how to develop positive interactions with and guiding the development of each age.

LENGTH: Semester

CREDITS: 5

PREREQUISITE: None

GRADES: 9, 10, 11, 12

CHILD DEVELOPMENT: Students will study human development from conception to infancy. Major emphasis is on parenting theories and practices, providing a safe environment that optimizes development and recognition of abuse and neglect.

LENGTH: Semester

CREDITS: 5

PREREQUISITE: Intro to FCS

GRADES: 9, 10, 11, 12

FAMILY RELATIONSHIPS: This course will examine the study of the family as an institution and the roles and responsibilities of family members. It includes concepts such as communication, establishing and maintaining a couple relations, exploring strong families, the impact of children in families, parenting responsibilities and conflict management.

LENGTH: Semester 2

CREDITS: 5

PREREQUISITE: Intro to FCS

GRADES: 9, 10, 11, 12

EARLY CHILDHOOD EDUCATION I: Students will study preschool-aged children and include areas such as creating a learning environment, interacting with children, creating learning activities, healthy and safety, and nutrition. Students will explore career choices in early childhood education. Students will complete a practicum experience at the Early Childhood Center.

LENGTH: Semester 1

CREDITS: 5

PREREQUISITE: Human Development

GRADES: 10, 11, 12

EARLY CHILDHOOD EDUCATION II: Students will study school-aged children through adolescence such as creating learning environments, working with children with special needs, issues addressing today's school-aged children. Students will explore career choices in elementary/secondary education. Students will complete a practicum experience at the Elementary or Middle School.

LENGTH: Semester 2

CREDITS: 5

PREREQUISITE: Human Development and Early Childhood Education I

GRADES: 10, 11, 12

INTRO TO EDUCATION: This advanced course will provide an in-depth look at the education profession through career exploration and exposure to the dynamics of K-12 classroom teaching. The course will provide an overview of ethics and professionalism, pre-service preparation, societal influences, classroom practices, and the governance structures which impact teachers and schools. Instructional and Assessment methods will also be developed. This is a college-level course that requires practicum experiences in either the elementary or middle school buildings.

LENGTH: Year

CREDITS: 10 (Dual credit option; students receive 3 credits with UNO)

PREREQUISITE: Human Development AND Intro to FCS OR Teaching as a Profession

Grades: 11, 12

SPORTS OFFICIATING: Sports officiating is design for students interested in the opportunity to attain knowledge, skills, and experience necessary for the officiating of sports. The basic philosophy, mechanics, and rules of officiating several sports will be taught. Opportunities to officiate various sports during the course may be available.

LENGTH: Semester

CREDITS: 5 (Dual credit option, students receive 3 credits with UNO)

PREREQUISITE: None

GRADES: 11,12

HUMAN SERVICES AND HOSPITALITY

FUNDAMENTALS OF NUTRITION AND

CULINARY ESSENTIALS: This introductory course provides students with foundational knowledge and skills in food preparation and nutrition planning. Topics covered include career exploration, global food systems, six essential nutrients, dietary recommendations, kitchen and food safety and sanitation, food preparation skills, and meal planning concepts.

Requires a \$15 materials fee.

LENGTH: Semester 1

CREDITS: 5

PREREQUISITE: None

GRADES: 9, 10, 11, 12

NUTRITION: This intermediate course provides students with an introduction to the science of nutrition building on concepts from the introductory course. Topics covered include careers in nutrition, digestion and metabolism, functions of the six essential nutrients, nutrient recommendations, diets, meal planning, creating accommodations for consumers, and impacts of the national food system on production and consumerism. Food safety will also be reinforced in this course through hands-on learning opportunities. **Requires a \$15 materials fee.**

LENGTH: Semester 2

CREDITS: 5

PREREQUISITE: Fundamentals of Nutrition and Culinary Essentials

GRADES: 9, 10, 11, 12

CULINARY FOODS/PRO START I: Secure a great future with a fast growing industry with many careers available. This is a course designed for students interested in restaurant or hospitality and lodging fields. Students will be instructed in the basic techniques used in the culinary industry developed by the National Restaurant Association. Special projects carried out by the PHS Bake Shoppe include a catering service, mini-restaurants and out of class events. Competing for local and state culinary competitions will require out of class commitments with great experiences. **Requires a \$20 materials fee.**

LENGTH: Year

CREDITS: 10

PREREQUISITE: Fund. of Nut. & instructor's permission

GRADES: 10, 11, 12

CULINARY FOODS/PRO START II: This course is a continuation of Culinary Foods/Pro Start I. More in-depth culinary projects will be created as well as the opportunity for competitive activities. Special projects carried out by the PHS Bake Shoppe include a catering service, mini-restaurants and out of class events. Competing for local and state culinary competitions will require out of class commitments with great experiences. **Requires a \$25 materials fee.**

LENGTH: Year

CREDITS: 10

PREREQUISITE: Culinary Foods/Pro Start I and permission of instructor

GRADES: 11, 12

HOSPITALITY & MANAGEMENT: This course provides instruction in skills and knowledge within the context of the field of hospitality management and tourism. In depth instruction and practice experience in hospitality and management will be offered through this course. Principles and practices related to the hospitality and culinary arts industries are fundamental components of this course.

LENGTH: Semester 2

CREDITS: 5

PREREQUISITE: Culinary Foods/Pro Start I or permission of instructor

GRADES: 11, 12

LIFE SPAN NUTRITION AND WELLNESS:

This advanced course focuses on nutritional needs throughout the lifespan building on concepts from the introductory and intermediate courses. This course focuses on connecting lifespan development to nutrition and exercise practices with the intent of contributing to wellness and longevity. Food safety will also be reinforced in this course through hands-on learning opportunities.

LENGTH: Semester

CREDITS: 5

PREREQUISITE: Fundamentals of Nutrition and Culinary Essentials

GRADES: 10, 11, 12

HEALTH SCIENCES

INTRODUCTION TO HEALTH SCIENCE

CAREERS: This is the gateway course into the area of Health Science related career courses. This class is required for the Medical Terminology, Sports Medicine and Certified Nursing Assistant courses. Students will be exposed to entry, skilled and professional level pathways in the health care industry in order to decide which pathway is best suited to them as a potential health care worker. Speakers currently working in the health care industry will be utilized. Students will complete a job shadow experience in a health career. Any student who is considering any health related job would be a good candidate for this course.

LENGTH: Semester

CREDITS: 5

PREREQUISITE: Human Development

GRADES: 10, 11, 12

MEDICAL TERMINOLOGY I: This course helps students to learn the “language” of medicine. Students are introduced to medical terms and a system for building a basic structure for these terms. Pronouncing, spelling, defining terms and common medical abbreviations are included. Offered On-line from Southeast Community College in a classroom setting at PHS.

LENGTH: Semester 1

CREDITS: 5 (On-line dual credit – receives 1.5 credits with SCC)

PREREQUISITE: Health Science Careers

GRADES: 11, 12

MEDICAL TERMINOLOGY II: This course is a continuation of Medical Terminology I.

Terminology relating to body systems and disorders are intended to increase your medical vocabulary. You will continue to build the system for medical vocabulary with emphasis on anatomy, physiology and diseases. Course is divided into “Basic Understanding and Greater Comprehension.” This course is taught On-line from Southeast Community College.

LENGTH: Semester 2

CREDITS: 5 (Online Dual credit – receives 3 credits with SCC)

PREREQUISITE: Health Science Careers, Must have had a C in Medical Terminology I

GRADES: 11, 12

CERTIFIED NURSING ASSISTANT: This course is designed to prepare the student to take the certification test to become a Nursing Assistant in an acute or long-term care situation. The goal for this course is to ready the high school student for employment in a hospital or long-term nursing facility. Most nursing programs require a potential student to have experience working as Nursing Assistant before being accepted into a RN/BSN program. Students who are considering a nursing/medical career or who want to enter the job market directly at a skilled level are good candidates for this course. There are 20 clinical hours outside the school day required. This is a college non-credit certification course through Nebraska Methodist College.

LENGTH: Semester 2 (two period block)

CREDITS: 10

PREREQUISITE: Health Sciences Careers, good attendance record, 3.0 GPA

GRADES: 11, 12 (min. age requirement: 16)

SPORTS MEDICINE: This course is designed for students interested in fields such as athletic training, physical therapy, medicine, fitness, physiology of exercise, kinesiology, nutrition and other sports medicine related fields. The course will offer class work and practical hands-on application in the following areas: prevention, treatment, and rehabilitation of sports injuries, taping and wrapping of injuries, first aid/CPR, emergency procedures, and Sports Medicine careers. The course also covers the areas of nutrition, sports psychology, rehabilitation, therapeutic modalities, and fitness/conditioning/strength programs.

LENGTH: Semester

CREDITS: 5

PREREQUISITE: Human Anatomy recommended

GRADES: 11, 12

FINE ARTS

(All Art Courses: *Students are required to keep a portfolio of their work, sketchbooks (done outside of class), two papers, one research and the other a compare and contrast assignment. Most of the student's GRADE will come from their projects. Effort is also taken into consideration on each project grade, especially in lower level courses. Students are responsible for the cost of material/supplies used. The supplies will be for the students to keep.*)

ART I: This course is designed for students with little or no experience in art. Students are led through required projects. This course teaches the basics including: What is Art?, color theory, art criticism, composition and famous artists and their works. The course will cover all the basic media including drawing, painting, watercolor, fibers, clay, oil pastel, and chalk. **Requires a \$25.00 materials fee.**

LENGTH: Year
CREDITS: 10
PREREQUISITE: None
GRADES: 9, 10, 11, 12

ART II: This course, like Art I, will lead students through projects. However, there will be more "choice" projects (student picks media and subject). Some new media will be covered including air brush, potters wheel, computer, printmaking, sculpture, and silkscreen. Drawing and painting will also be advanced. This course will build on skills learned in Art I. **Requires a \$25.00 materials fee.**

LENGTH: Year
CREDITS: 10
PREREQUISITE: Art I with a "C+" or above
GRADES: 10, 11, 12

ART III: This course is dramatically different from Art I and Art II. In this course, the teacher plays the role of a guide. The student sets up the course with unlimited freedom given for project development. The papers, portfolio, and sketchbooks are still required. Students are required to complete four projects per quarter at minimum "B" quality. Anything below that will not be included for a grade. This course is designed for Art majors. There will be some required projects including a painting done on their own, hand stretch canvas. **Requires a \$25.00 materials fee.**

LENGTH: Year
CREDITS: 10
PREREQUISITE: Art I & II with a "C+" or above every quarter, Career in Art field in the future
GRADES: 11, 12

ART IV: Art IV is an independent study course that meets with ART III. Freedom of projects is limitless. Students will be required to complete four projects per quarter of "B" quality or higher, and will develop a college portfolio of slides of their best works. Sketchbooks and papers are also still required. **Requires a \$25.00 materials fee.**

LENGTH: Year
CREDITS: 10
PREREQUISITE: Pass Art I & Art II, with a "C" or above, & Art III with a "B" or above. Art majors only!
GRADES: 12

All vocal and instrumental music courses can be taken more than once for credit.

BAND: This course explores numerous styles of music including concert band, marching band, pep band, and chamber groups. Program participation is mandatory as part of course work. Successful completion of 4 years of marching season may fulfill one year of Physical Education requirement.

LENGTH: Year

CREDITS: 10

PREREQUISITE: **Permission/Audition with Instructor.** Yearly Band fee -- **\$50.00**

(includes a marching uniform cleaning and two summer show t-shirts). Other one-time purchases may be required. Students using school instruments must complete a rental contract and pay the required rental fee.

GRADES: 9, 10, 11, 12

GENERAL MUSIC APPRECIATION: This course is aimed at the general music consumer and prior music knowledge is not required. Study includes basic music theory and history with emphasis placed on music trends in America.

LENGTH: Year

CREDITS: 10

PREREQUISITE: Music reading skills not needed

GRADES: 9, 10, 11, 12

MUSIC HISTORY/THEORY: A course that includes the study of music theory, ear training, and study in the basic forms, periods, styles and composers of music in the western culture. This is not a general music class. This course is split into different levels, depending on enrollment.

LENGTH: Year

CREDITS: 10

PREREQUISITE: A knowledge of reading music

GRADES: 10, 11, 12

PERCUSSION : This class is for members of the Marching Blue Devils drumline and the Concert Band percussion section. This class will focus on developing the fundamentals and techniques necessary for percussion performance on all instruments (various drums, mallets, and accessory instruments). Students will perform with the Marching Blue Devils, the Concert Band, and the Basketball Bands, as well as on solos and ensembles.

LENGTH: Year

CREDITS: 10

PREREQUISITES: **Audition with Instructor**

GRADES: 9, 10, 11, 12

VARSITY CHOIR: A performance-based group, which sings, and studies many styles of music. Programs include winter and spring concerts, contests, and community performances.

Performance participation is mandatory as part of the course work. Basic music knowledge is highly recommended. Class work includes basic music theory concepts.

LENGTH: Year

CREDITS: 10

PREREQUISITE: Teacher permission ONLY

GRADES: 9, 10, 11, 12

WOMEN'S CHOIR: A choir designed to develop reading and singing techniques and theory knowledge for Treble Clef voices. Any students without choral experience or are developing their musical skills are placed in this choir. This choir should be used as a stepping-stone for upper level groups. A variety of musical styles are done throughout the year including world holiday, sacred, secular and classical music. Reading, singing techniques and theory knowledge are also developed during the duration of this course. This is a rewarding class for the student who enjoys singing and/or wants to learn how to sing.

LENGTH: Year

CREDITS: 10

PREREQUITE: Soprano or Alto singer

GRADES: 9, 10, 11, 12

SHOW CHOIR: This performance-based ensemble will include performances at concerts, contests, as well as community engagements. Program participation is mandatory as a part of the course work. Students will study and perform a variety of music and dance styles throughout the year. Show choir students do not need to be enrolled in another choir during their first year with the group. Returning members must be enrolled in either Varsity Choir or Women's Choir to enroll.

LENGTH: Year

CREDITS: 10

PREREQUISITE: Audition with instructor

GRADES: 9, 10, 11, 12

INTRODUCTION TO DRAMA: This course is an introductory study in Theater and Drama. The student will be introduced to various areas of the theater. These areas will include but are not limited to the following areas and approaches: technical and stagecraft, creative, cultural and historical, critical, and aesthetic perspectives.

LENGTH: Year

CREDITS: 10

PREREQUISITE: None

GRADES: 9, 10, 11, 12

FOREIGN LANGUAGE

SPANISH I: This course introduces students to basic Spanish with an emphasis on vocabulary and grammar. Cultural background is woven into the course as it relates to each chapter topic. Students will practice listening, reading, and speaking skills using text, tapes and videos on a chapter basis. Beginning writing skills are established during the year.

LENGTH: Year

CREDITS: 10

PREREQUISITE: "C" average in English in previous school year is recommended

GRADES: 9, 10 11, 12

SPANISH II: This course is a continuation of the introductory course. More difficult grammar concepts and vocabulary are studied. Reading, writing, listening, & speaking skills are improved. Cultural information about the chapter's vocabulary topic continues to be emphasized.

LENGTH: Year

CREDITS: 10

PREREQUISITE: Spanish I, "C" average in Spanish I is required

GRADES: 10, 11, 12

SPANISH III: This class is a continuation of Spanish II. The same methods of teaching are used. Increased proficiency in reading, writing, and speaking is the goal of this class. Increased knowledge of Hispanic culture is acquired by reading both the text and the literary selections.

LENGTH: Year

CREDITS: 10

PREREQUISITE: Spanish II, "C" average in Spanish II is required

GRADES: 11, 12

SPANISH IV: This course is a continuation of the Spanish III course with an advanced level of proficiency in reading, writing, and speaking. Increasing cultural awareness is the result of advanced reading and research.

LENGTH: Year

CREDITS: 10

PREREQUISITE: Spanish III, "C" average in Spanish III is required

GRADES: 12

INDUSTRIAL TECHNOLOGY

ARCHITECTURE AND CONSTRUCTION

INTRODUCTION TO SKILLS AND TECHNICAL SCIENCES “STS”:

This introductory course provides the skills and technical knowledge for a beginning student in areas of industry, safety, material, equipment, and process understanding. This entry level course helps students gain a foundation in all areas of Skilled and Technical Sciences including Architecture and Construction; Energy and Engineering; Manufacturing; and Transportation, Distribution, and Logistics.
LENGTH: Semester
CREDITS: 5
PREREQUISITE: None
GRADES: 9, 10, 11, 12

CONSTRUCTION TRADES 1: In this class, students will be exposed to all facets of home building by using a hands-on approach to construction. This course is intended to teach students trades as it relates to residential construction including residential framing, roofing, plumbing, electrical, concrete, masonry, and drywall. **Requires a \$20 materials fee.**
LENGTH: Semester
CREDITS: 5
PREREQUISITE: Intro to “STS”
GRADES: 9, 10, 11, 12

CONSTRUCTION TRADES 2: This course offers hands-on activities and real-world experiences to prepare for a career in the construction industry. Students learn blueprint reading, applied math, basic tool use, equipment, and safety. Students will explore building construction techniques, including layout, footings, stairs, walls, and roofs. Students will have the opportunity to visit construction sites, take field trips, and participate in job shadowing experiences. **Requires a \$20 materials fee.**
LENGTH: Semester
CREDITS: 5
PREREQUISITE: Construction Trades 1
GRADES: 10, 11, 12

CONSTRUCTION TRADES 3: Students who take this course will review the information and safety learned in Construction Trades 1 & 2 and show mastery of equipment use. Students will learn about different careers within the construction industry and differing education needed. Students

will learn the aspects of residential construction such as creating blueprints and creating a module section of a home. Class experience will also differ if there are opportunities to create projects for the community and tour different construction sites. **Requires a \$20 materials fee.**
LENGTH: Year
CREDITS: 10
PREREQUISITE: Construction Trades 2 and Drafting 1 or by teacher permission
GRADES: 11, 12

DESIGN & FABRICATION: This course will provide students the opportunity to work time sensitive projects, design and fabricate their own project, college and career planning, and job shadowing experiences. Students will demonstrate proper safety procedures and considerations in the wood laboratory, demonstrate an ability to complete projects on time and effectively plan out projects with oversight from the instructor. **Requires a \$20 materials fee.**
LENGTH: Semester
CREDITS: 5
PREREQUISITE: Construction Trades 2 and recommended Drafting 1
GRADES: 10, 11, 12

DRAFTING 1: Students who take this course will be introduced to mechanical drafting. In this class students will learn about the different careers in the drafting/architectural industry, will learn about the manufacturing process and how mechanical drafting is incorporated into it. Students will get experience with using hand drafting tools and learn drafting skills on the computer using Autodesk Inventor and Autodesk AutoCAD.
LENGTH: Semester
CREDITS: 5
PREREQUISITE: Intro to “STS”
GRADES: 10, 11, 12

DRAFTING 2: This course will refresh student’s use of tools and CAD software. In addition to a review of some of the Drafting principles, students will be challenged in the area of dimensioning, sectioning, auxiliary and Work drawings.
LENGTH: Semester
CREDITS: 5
PREREQUISITE: Drafting 1
GRADES: 10, 11, 12

ARCHITECTURAL DRAFTING: Board and computer-aided drafting will be utilized to further the knowledge obtained in Drafting 2. Students will explore the fundamental building processes for a wood-framed residential building. A complete set of plans for a residential building will be completed on the drawing board and computer.

LENGTH: Year

CREDITS: 10

PREREQUISITE: Drafting 2

GRADES: 11,12

HOUSING/INTERIOR DESIGN: Students will discover how personal values, wants and needs influence housing decisions. They will design living spaces for themselves and for others. They will explore classic architecture and furniture styles. Students will design living projects, using art principles and learn how to express design ideas through floor plans, elevations and perspectives. Recommended for those interested in careers in interior design, architecture, drafting and related housing careers.

LENGTH: Semester

CREDITS: 5

PREREQUISITE: None

GRADES: 10, 11, 12

TRANSPORTATION AND MANUFACTURING

BASIC CAR CARE: Students will learn about all aspects of owning a car from insurance, ownership, basic operation to fluids and changing a tire. Students will also be involved in learning the many careers in the auto industry; from car loans to detailing.

LENGTH: Semester

CREDITS: 5

PREREQUISITE: A drivers license AND

Possession of a car preferred

GRADES: 10, 11, 12

SMALL ENGINES: Students will be involved with the theory and operations of small engines.

Students will break down a small four-stroke engine and reassemble the engine so that it runs. Students will have the skills to enter the workforce or have more than enough background to enter a technical college.

LENGTH: Semester

CREDITS: 5

PREREQUISITE: Intro to "STS"

GRADES: 10, 11, 12

AUTO TECH: Students enrolled in this course will understand the basics of auto mechanics.

Students will be involved in various aspects of the automobile such as exhaust, oil changes, brakes, OBD II, tune-ups as well as engine repair. This is both a hands-on class as well as theory and problem solving.

LENGTH: Semester

CREDITS: 5

PREREQUISITE: Intro to "STS" AND Small

Engines or Basic Car Care

GRADES: 10, 11, 12

AUTO/DIESEL TECHNOLOGY: Students enrolled in diesel tech will be getting a hands-on approach to working on over-the-roads trucks. Students will be getting in-class training on diesels and technology as well putting the classroom theory to use by working on semis.

LENGTH: Semester

CREDITS: 5

PREREQUISITE: Auto Tech

GRADES: 11, 12

WELDING 1: This course is designed for any level student that would like to obtain skills and understanding in all aspects of welding. Students will be able to become proficient in OXY-WELDING, ARC, and MIG welding. Students will also be able to develop skills in oxy-cutting as well as plasma-cutting. **Requires a \$10 materials fee.**

LENGTH: Semester

CREDITS: 5

PREREQUISITE: Intro to "AFNR" OR

Intro to "STS"

GRADES 10, 11, 12

WELDING 2: Students enrolled in this class will become proficient in TIG welding as well as vertical welding using TIG, ARC, and MIG. Students will also learn how to read welding plans.

Requires a \$10 materials fee.

LENGTH: Semester

CREDITS: 5

PREREQUISITE: "C+" or better in Welding 1

GRADES: 10, 11,12

METALS AND FABRICATION: Students will expand on the skills they learned in Welding 1 and Welding 2. This year-long class will focus on plan reading and creating plans for projects. Students will be creating metals project that they design and for which they create a plan. All metal must be supplied by each welder for projects. **Requires a \$10 materials fee.**

LENGTH: Year

CREDITS: 10

PREREQUISITE: Welding 1 and 2

GRADES: 11, 12

PHYSICAL EDUCATION

PHYSICAL EDUCATION/HEALTH: This course is designed to promote physical fitness. The course promotes skill development, human relations, and knowledge of rules of many sports and lifetime activities. The class involves both physical activities and instruction in health and wellness. **All students must take 9th grade physical education.**

LENGTH: Year
CREDITS: 10
PREREQUISITE: None
GRADE: 9

If either semester of 9th grade Physical Education is failed, students must take an equal number of Physical Education semesters as a substitute and take Foods I or a semester of Online Health. Four semesters of Marching Band or Aerospace Science ROTC III and IV, or a combination thereof may replace the second required year of Physical Education. Four semesters of Aerospace Science ROTC I & II may replace the first required year of Physical Education.

THE FOLLOWING PHYSICAL EDUCATION COURSES CAN BE TAKEN MORE THAN ONCE FOR CREDIT.

AEROBIC FITNESS: This elective course is designed primarily for the student that would like to be involved in a regular aerobic fitness program. Activities will be rotated between jogging/power walking and various types of aerobics (floor, step, dance, yoga, weights). Expectations and level of workouts will increase gradually throughout the year as fitness levels and skills improve. This course can be taken more than once for credit.

LENGTH: Year
CREDITS: 10
PREREQUISITE: None
GRADES: 10, 11, 12

LIFETIME FITNESS: This course will explore the importance of leading a healthy lifestyle. Focus will be centered on aerobics, cardiovascular fitness, weight training, and various lifetime sports and games. Principles of weight training including proper technique and safety procedures will be covered. Students will also participate in sports and games, which will contribute to a life-long healthy lifestyle.

LENGTH: Year
CREDITS: 10
PREREQUISITE: None
GRADES: 10, 11, 12

BEGINNING WEIGHT

TRAINING/CARDIOVASCULAR FITNESS: This elective course is offered to students who have no previous weight training experience. This

course is designed to offer complete knowledge of weight training techniques, safety and individual programs. The program is also designed to develop strength, endurance, flexibility and quickness. The class will meet four days in the weight room and one day in an activity. Areas covered and tested will include weight training methods, equipment, safety, and various programs and testing procedures. All students are encouraged to participate.

LENGTH: Year
CREDITS: 10
PREREQUISITE: None
GRADES: 10, 11, 12

ADVANCED WEIGHT

TRAINING/CARDIOVASCULAR FITNESS: This class offers advance techniques on weight training and more emphasis placed on developing major muscle groups. Students will be placed on individual programs. This class will meet in the gym for flexibility and running prior to going to the weight room. Areas covered and tested will include weight-training methods, equipment, safety, various programs, fitness, and training and testing procedures. This course is designed for students intending to be involved in athletics.

LENGTH: Year
CREDITS: 10
PREREQUISITE: Beginning Weight Training and instructor consent
GRADES: 11, 12

SPECIAL EDUCATION

The Special Education program at Plattsburgh High School emphasizes math skills, language skills, social skills, and individualized tutoring. Placement in the program is determined by test results indicating a specific need, recommendations presented by the SPED team and by written parental permission. All instruction given follows an individualized Education Program (IEP) determined by the SPED team assigned to each student and the student's parents.

DAILY LIVING SKILLS—ENGLISH: This course uses the Assessment of Functional Living Skills to help the students learn about filling out applications, filing out forms and writing letters. The students will learn vocabulary/spelling words that are relevant to daily living. Students will be reading materials that are based on their IEP goals and objectives. Evaluation will be based on class participation, class work, and written evaluation.

LENGTH: Year
CREDITS: 10
PREREQUISITE: IEP
GRADES: 9, 10, 11, 12

DAILY LIVING SKILLS - HOUSEHOLD: This course uses the Assessment of Functional Living Skills to help students learn how to manage a household. The students will be learning how to take care of an apartment, cooking and cleaning skills, plan menus, buy groceries, and how to prepare the food. Evaluation will be based on class participation, class work, and written evaluation.

LENGTH: Year
CREDITS: 10
PREREQUISITE: IEP
GRADES: 9, 10, 11, 12

DAILY LIVING SKILLS—MATH: This course is designed to help the students learn basic math facts, telling time, check writing, balancing a budget, store math, money skills, and using coupons. Evaluation will be based on class participation, class work, and written evaluation.

LENGTH: Year
CREDITS: 10
PREREQUISITE: IEP
GRADES: 9, 10, 11, 12

DAILY LIVING SKILLS—PHYSICAL EDUCATION: This course is designed to help students learn different skills in PE. The students will learn about weight training, different activities that the Special Olympics use, and team activities that promote sportsmanship. Evaluation will be based on class participation.

LENGTH: Year
CREDITS: 10
PREREQUISITE: IEP
GRADES: 9, 10, 11, 12

DAILY LIVING SKILLS—SCIENCE: This course is designed to help the students to learn about hygiene and grooming, safety, and many other activities that are relevant to being successful in the community and may also cover physical science, biology, and earth science. Evaluation will be based on class participation, class work, and written evaluation.

LENGTH: Year
CREDITS: 10
PREREQUISITE: IEP
GRADES: 9, 10, 11, 12

DAILY LIVING SKILLS—SOCIAL STUDIES: This course uses the Assessment of Functional Living Skills to help students learn how to get around in the community, laws, citizen's rights, how to utilize recreational facilities and engaging in leisure activities. Evaluation will be based on class participation, class work, and written evaluation.

LENGTH: Year
CREDITS: 10
PREREQUISITE: IEP
GRADES: 9, 10, 11, 12

STUDENT TRAINING EMPLOYMENT

PARTNERSHIP: This class is designed to help the student become involved in work-related experiences. This may include job training both at school and in the community as a volunteer. The student will gain real-life transitional skills, job skills, good work habits and attitudes, and a favorable reference to use on future job applications. Also, this class will help prepare students for entrance into the colleges/vocational schools of their choice.

LENGTH: Year
CREDITS: 10
PREREQUISITE: IEP
GRADES: 9, 10, 11, 12

OTHER OPPORTUNITIES

ELL: ENGLISH LANGUAGE LEARNERS: This course is designed to assist students, at their individual levels, with their progress in learning the English language. It provides for listening, reading, writing and speaking opportunities for students to progress in their abilities to communicate on a professional level and in their daily lives. The course includes content support as well.

LENGTH: Year

CREDITS: 10

PREREQUISITE: Identified as ELL

GRADES: 9, 10, 11, 12

INDEPENDENT STUDY: Independent study is designed for students as an enrichment program to develop advance skills in the academic area. By permission, students may register for a maximum of one independent study course per semester. Students will earn 5 credits per semester upon completion of the course objectives as designed by the teacher. Independent study courses will count as one of the seven required courses only if they meet as a class period each day. Registration for Independent Study is at the discretion of the teacher and principal.

INTERNSHIP:

An internship is a structured, work-based learning experience. In this career preparation activity, students are placed at a work site for a defined period of time to participate in and observe work first-hand within a given industry. Internships are a 1 or 2 semester experience and can be taken for 1 or 2 blocks depending on the student's class schedule and the needs of the work site. Some Internships are paid and others are unpaid based on the role the student will have at the work site. Every effort will be made to accommodate Internship requests, but these experiences are based on availability of work sites and scheduling compatibility.

Students are eligible to request an internship if they meet 4 of the 5 the following requirements:

- Minimum 2.5 GPA
- Pathway completed or in progress
- Consistent school attendance
- No significant behavior issues
- On track to graduate

Internship Google Form



How do I request an internship?

- Select "Internship" for 1 or 2 blocks in your course registration
- Email Mrs. Harvey (charvey@pcsd.org) to request the Internship Google Form or use this QR Code:

STUDENT ASSISTANTS: With the recommendation of the teacher and principal, seniors may serve as assistant during one class period. Student assistants must meet the following criteria:

- Be a senior with sufficient credits in order to graduate on time
- Not be assigned any Edgenuity coursework required for graduation
- Have a minimum cumulative 2.0 GPA at the end of the prior semester
- Have a completed "Permission to Leave the Building" form turned in to the Main Office
- Complete a TA registration form provided by the Guidance Office each semester
- Understand you **WILL NOT** earn credits

EARLY RELEASE: In order to qualify for Early Release, students must meet the following criteria:

- Be a senior with sufficient credits in order to graduate on time
- Not be assigned any Edgenuity coursework required for graduation
- Have a minimum cumulative 2.0 GPA OR an 18 or higher on the ACT
- Understand you **WILL NOT** earn credit
- If you are failing any class at any time you will not be able to leave until passing

COLLEGE CREDIT CLASS OPPORTUNITIES

ADVANCED PLACEMENT

The Advanced Placement Program provides curriculum for school students to earn college credit while still in high school. Plattsmouth High School offers these AP courses:

AP American Government & Politics
AP Calculus I
AP Computer Programming
AP Computer Science Principles

At the end of the course, students may elect to pay a test fee (approx. \$98) and attempt the AP examination. Depending on the score achieved and the policy of the individual college, some colleges may award college credit for a qualifying score on the AP exam. Students are encouraged to contact their counselor and prospective college to determine if AP scores are acceptable for credit. For further information, students should consult their counselor or the teacher of each course.

Eligible Students: Consult the PREREQUISITE for each of the above courses to determine eligibility.

EARLY ENTRY COURSES

Early Entry Courses are courses taught at Plattsmouth High School for credit from Southeast Community College or UNO. Plattsmouth High School offers the following Early Entry Courses:

AP Calculus (5 college credits)	Medical Term. I & II (1.5 & 3 college credits)
AP Government and Politics (3 college credits)	Personal Finance (3 college credits)
College Algebra (3 college credits)	Sports Officiating (3 college credits)
English Composition I & II (3 college credits each)	Statistics (3 college credits)
Introduction to Education (3 college credits)	Trigonometry (3 college credits)

NOTE: Tuition must be paid by student. The ACE scholarship is available if students qualify. Students should see their counselor if interested.

Eligible Students: Consult the PREREQUISITE for each of the above courses to determine eligibility.

COLLEGE COURSES TAKEN ON CAMPUS SITES

Regular college courses may be taken on the campuses of local colleges such as Metro Community College, UNO, Creighton, etc. Students can choose to take these courses online as well. Students will earn credit granted by the college for each individual course. No high school credit will be granted. High school credit will only be granted if the student consults with a counselor first. Tuition, books, and transportation are the responsibility of the student. Students are encouraged to consult with their counselor regarding the availability and suitability of all courses.

Eligible Students: Students generally must have senior status, have a minimum GPA of 3.0, and be approved by the counselors. Approval will be based upon the student's demonstrated ability to profit from advanced academic challenges and the ability to function in a mature learning situation.

METROPOLITAN COMMUNITY COLLEGE CAREER ACADEMY

The Career Academy will be for upcoming seniors. Students will commit one-half day to the academy, usually from 1:00 p.m. to 4:00 p.m. Several days per week will consist of classroom work; the others will consist of job-shadowing and possible internship activities. Tuition is free.

Each course will have its own costs. The student is responsible for any costs incurred as a result of their enrollment in the program of their choice. Students must provide their own transportation. Please contact a counselor for more information, and applications. **Deadline for the application is March 8, 2024.**

Applied Technology Center ATC, 10407 State

Diesel Technology
Fire Science Technology – (FIST)

Elkhorn Valley (EVC), 204th & Dodge

Digital Cinema/Filmmaking
Photography

Fort Omaha (FOC), 30th & Fort

Architecture Technology
Civil Engineering Technology
Construction Technology
Culinary Arts Foundations
Data Science
Electrical Technology
Heating, Air Conditioning and Refrigeration
Horticulture, Land Systems, and Management
Pre-apprenticeship Plumbing
Prototype Design
Web and Mobile App Programming
Welding and Fabrication Technology

Omaha Community Playhouse (OCP), 6915 Cass

Theatre Technology

Online

3-D Animation and Games

Sarpy Center (SRP), 91st & Giles

Business
Criminal Justice
Early Childhood Education
Human Services

South Omaha (SOC), 27th & Q

Administrative Technology
Advanced Manufacturing
Auto Collision Technology
Automotive Technology – (*Driver's License Required*)
Certified Nursing Assistant (CNA)
Emergency Medical Technician (EMT)
IT Technician
Powersports and Outdoor Power Equipment Technician
Welding and Fabrication Technology

ELIGIBLE STUDENTS: Students who will be juniors or seniors must complete the Career Academy Application when completing their registration. Successful students will be those who:

1. Are approved by the PHS administration. Approval will be based on their ability to schedule classes required for graduation in the remainder of the school day and demonstrated ability to profit from advanced study.
2. Are accepted into the Academy by Metro Community College
3. Demonstrate a cumulative GPA of at least a 2.0. Below a 2.0 greatly reduces the applicant's chance of acceptance.

To Apply for a Career Academy:

1. All applicants must complete an application for MCC prior to submitting their Career Academy application. MCC application can be completed at www.mccneb.edu/apply.
2. Applications are available online at mccneb.edu/careeracademy. Please submit the Career Academy application to secondarypartnerships@mccneb.edu .
Deadline is March 8, 2024.

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

- *Your high school counselor
- *Secondary Partnerships at 531-622-2213 or secondarypartnerships@mccneb.edu .