



COURSE REGISTRATION GUIDE 2024-2025

PLV District Website www.plcschools.org
PLSHS Website <https://www.plcschools.org/plshs>

Papillion La Vista South strives to provide a high impact experience that builds character and creates opportunities.

We accomplish our mission by putting these values into action each day:

Excellence, Inclusion, Improvement and Teamwork

Right to Succeed Program

Papillion La Vista South High School believes that, in order to be successful in life, everyone must have basic skills in the areas of reading, writing, and speaking. Although these specific courses are offered in our high school curriculum, we want to ensure that they are emphasized and practiced routinely in ALL of our classes. For this reason we have a "Right To Succeed Program" at the high school which reinforces these skills in ALL of our content areas. It is our belief that, in order to gain and maintain competence, the student must practice these skills consistently throughout his or her school years.

Nondiscrimination Statement

Papillion La Vista Community Schools does not discriminate on the basis of race, color, national origin, sex, disability, religion, age or other protected status in its programs and activities and provides equal access to the Boy Scouts and other designated youth groups. The following persons have been designated to handle inquiries regarding the non-discrimination policies:

Students: Dr. Trent Steele, Director of Secondary Student Services, 420 South Washington Street, Papillion, NE 68046 (402) 537-6214 (trent.steele@plcschools.org)

Employees and Others: Dr. Kati Settles, Assistant Superintendent Human Resources, 420 South Washington Street, Papillion, NE 68046 (402) 537-6206 (kati.settles@plcschools.org)

Complaints or concerns involving discrimination or needs for accommodation or access should be addressed to the appropriate Coordinator. For further information about anti-discrimination laws and regulations, or to file a complaint of discrimination Office for Civil Rights in the U.S. Department of Education (OCR), please contact OCR at One Petticoat Lane, 1010 Walnut Street #320, Kansas City, Missouri 64106, (816) 268-0550 (voice), or (877) 521-2172 (telecommunications device for the deaf), or ocr.kansascity@ed.gov.

Child Find Notice

The Papillion La Vista Public Schools has an ongoing goal of locating and identifying all children, birth through age 21, who have special needs. The district will provide any child or youth who has a disability an appropriate public education at no cost to the parents of the child. Children or youth with disabilities are those who have hearing impairments, specific learning disabilities, mental disabilities, multiple disabilities, speech and language impairments, physical disabilities, autism, or traumatic brain injuries. In addition, children and youth with any disability, which substantially limits a major life activity, may receive modifications to allow them access to an appropriate education (Section 504 of the Rehabilitation Act, as amended).

The Papillion-La Vista Public Schools request your help in locating children and youth with disabilities who are eligible to benefit from Special Education. If you know of a child or youth who is a resident of the District, who may have a disability, and is not receiving needed services, please contact: Dr. Tammy Voisin, Director of Special Services, 420 South Washington Street, Papillion, Nebraska 68046 (phone number: 537-6221). Also, if you know of someone who may need this notice translated to another language, given orally, or delivered in some other manner, please contact the same person.

This Course Registration Guide is designed to help Titan students in the planning and selection of their classes.

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Graduation Requirements

Students must earn a minimum of 45 semester credits to graduate from Papillion-La Vista High School. Students in Grades 9-11 must enroll in a minimum of six (6) credit classes each semester. Students in Grade 12 must enroll in a minimum of five (5) credit classes each semester. It is not uncommon for students to carry more credits when interests and abilities indicate that such a program will be beneficial. All students are encouraged to include courses of practical and liberal arts in their selection of elective courses.

PLC Schools Minimum Graduation Requirements

Department	Credits	Required Courses
English	8	2 semesters each of English 9, English 10, English 11, and 2 semesters of English electives are required
Math	6	2 semesters of Algebra 1
Science	6	2 semesters must be life science (e.g. Biology), 2 semesters must be physical science concepts (e.g. Chemistry, Physics) and 2 semesters of an elective Science
Social Studies	6	2 semesters each of U.S. History and World Civilizations; 1 semester of American Government, and 1 additional social studies elective credit
Physical Education	3	Introduction to PE and 2 semesters of additional PE courses
Additional Credits	16	16 semesters are required, which may include Electives and/or credits beyond the minimum requirements in English, Math, Social Studies, Science and Physical Education Class of 2027 and later: Personal Finance and Computer Science (or their equivalents) will be required as 2 of the 16 elective credits.
Total Credits	45	

All 9th grade students are expected to take English 9, Biology, a math course, US History, and Introduction to PE. All 10th grade students are expected to take English 10, Chemistry, World Civilizations, and a math course. All 11th grade students are expected to take English 11, Physics, American Government, a Social Studies elective, and a math course. All 12th grade students are expected to take English 12 and any other courses needed to meet graduation requirements. It is recommended that students with 2-year or 4-year college aspirations take a Fourth year of science and math.

For science, two semesters must be life science (e.g. Biology) and two semesters must be physical science concepts (e.g. Chemistry, Physics).

Note: Physical Science may be used by counselors & admin as a “bridge” class between Biology and Chemistry. Students who are deficient in Algebra I (D or worse) may take Physical Science before taking Chemistry.

Note: NEW Graduation Requirements for Class of 2027 & Beyond: Personal Finance and Computer Science

- As mandated by State of Nebraska Statute 79-3003 & recent NDE changes to course coding & Statute guidelines, the Class of 2027 & beyond will need Personal Finance and Computer Science (or their equivalents) to graduate.
 - Personal Finance and Computer Science (or their equivalents) will count as 2 of 16 elective courses.
 - Personal Finance will NOT slot as a social studies elective course.
 - Class of 2027 (and beyond) will need 6 semesters of *core social studies courses.
 - The following PLCS courses will meet the Personal Finance requirement:
 - Personal Finance
 - Online Personal Finance
 - The following MCC course will meet the Personal Finance requirement:
 - MCC College Jumpstart – Financial Literacy
 - The following PLCS courses will meet the Computer Science requirement:
 - General Computer Science (NEW Course)
 - Online General Computer Science (NEW Course)
 - Digital Design
 - Informational Technology 1
 - Informational Technology 2
 - Project Lead the Way Computer Science Principles (will replace Essentials)
 - Media Studies 1 (Academy - must be accepted)
 - Media Studies 2 (Academy)
 - Media Production 1 (Academy)
 - Media Production 2 (Academy)
 - Graphic Arts 1
 - Graphic Arts 2
 - Exploring the Clinical Lab
 - STEM Introduction to Design, Engineering, and Architecture (Academy - must be accepted)
 - STEM Civil Engineering and Architecture (Academy)
 - STEM Engineering and Architecture Development (Academy)
 - STEM Capstone (Academy)
 - The following MCC courses will meet the Computer Science requirement:
 - MCC College Jump Start -- IT, Computer Programming
 - MCC Information Technology Internship
 - MCC 3-D Animation and Games
 - MCC Architecture Technology
 - MCC Civil Engineering Technology
 - MCC IT-Data Center Operations
 - *We will use NCAA, Division 1, to define “core.”
 - [NCAA Requirements for Core & Core Content](https://shorturl.at/dnDFM) - https://shorturl.at/dnDFM
 - P.11, 17 & embedded link to NCAA Core Legislation

HS Course Disclaimer: Prerequisites and recommendations may only be overridden by building administration in consultation with the District Curriculum office.

Fee Waiver----Fee waivers may be available for student with economic need

Early Graduation - Students who wish to apply for early graduation must complete an application. Applications are available in the guidance office.

PLSHS Remote Program

If PLCS has to offer a remote program due to ongoing pandemic concerns, then we will only be able to offer core classes and some electives. The PLCS program contains courses required by Nebraska Rule 10 for school accreditation & PLCS graduation. PLCS is committed to devoting teachers to only remote students during their

designated class periods. Doing so presents many scheduling constraints as all teachers of remote program classes are also teaching in-person classes.

- High School: English, Math, Science, Social Studies, and PE/Health
 - Courses required for graduation will be offered.
 - Honors and AP courses will not be offered.
 - Electives will be assigned & delivered via a self-directed, independently paced software program (Edgenuity).
 - Band and Chorus will not be offered.
 - Athletics and activities will not be offered.

Weighted Courses

Additional course weight has been assigned to Honors and Advanced Placement (AP) courses. Both categories of courses are evaluated internally through our curriculum toolbox process to ensure an appropriate level of rigor. Moreover, AP courses are externally validated by the College Board to verify that the rigor of each course corresponds with program expectations. The additional weight is assigned to honors and AP courses for two primary purposes. The first is to make these courses more accessible to students by minimizing the GPA risk of potentially receiving a lower grade in a more rigorous course. The second purpose is to provide an incentive for students to take these more rigorous courses in order to potentially maximize their cumulative GPA. The following table below outlines the number of mark points assigned based on performance in each of the three categories of courses in the Papillion La Vista Community Schools.

Mark Points

Mark points are assigned to various courses to differentiate the difficulty of each course. For determining mark points, courses are differentiated based on whether or not the course is regular, honors, or AP. For example, an A in an AP course would be worth more points (5) than an honors course (4.5) or regular (4.0).

Grade weighting will be determined in the following manner:

	A	B	C	D	F
Regular Mark Points	4.0	3.0	2.0	1.0	0
Honors Mark Points	4.5	3.5	2.5	1.5	0
AP Mark Points	5.0	4.0	3.0	2.0	0

Mathematics

Honors Geometry 9
 Honors Geometry
 Honors Algebra 2
 Honors Precalculus with Trigonometry
 Advanced Placement Statistics
 Advanced Placement Calculus A/B
 Advanced Placement Calculus B/C

Science

Honors Biology
 Honors Chemistry
 Honors Anatomy/Physiology
 Honors Physical Science
 Advanced Placement Biology
 Advanced Placement Chemistry
 Advanced Placement Physics 1
 Advanced Placement Physics 2

Honors Physical Science(online)

Language Arts

Honors English 9
 Honors English 10
 Advanced Placement Literature/Composition
 Advanced Placement Language & Composition

Social Studies

Honors U.S. History
 Advanced Placement American Government & Politics
 Advanced Placement Comparative Government
 Advanced Placement Psychology
 Advanced Placement U.S. History
 Advanced Placement World History
 Advanced Placement Macroeconomics
 Advanced Placement Microeconomics
 Honors American Government(online)

Other

Honors Spanish 3 & 4

Honors French 3 & 4

Honors German 3 & 4

Advanced Placement Spanish Language & Culture

Advanced Placement Music Theory

NOTE: Most colleges/universities convert all weighted grades to the non-weighted scale.

Graduation Recognition

Papillion La Vista Community Schools is committed to recognizing the academic success of its students in a variety of ways, including at the high school graduation ceremony. The goal of our laude recognition model is to celebrate academic excellence while at the same time creating a system that eliminates the competition between students that exists in a traditional class rank formula. We believe this will make it possible for students to pursue course offerings that best fit their interests and future goals while at the same time reinforcing the value of a rigorous course of study.

Laude Model Recognition Criteria

- **Summa Cum Laude** (“with the highest honor”) - This is the highest recognition awarded at graduation. To graduate summa cum laude, a student must achieve a 4.25 or higher grade point average on a 4.00 weighted scale.
- **Magna Cum Laude** (“with great honor”) - This is the second highest recognition awarded at graduation. To graduate magna cum laude, a student must achieve a GPA of at least a 4.00 but less than a 4.25 on a 4.00 weighted scale.
- **Cum Laude** (“with honor”) - This is the third highest recognition awarded at graduation. To graduate cum laude, a student must achieve a GPA of at least a 3.75 but less than a 4.00 on a 4.00 weighted scale.

The cumulative GPA of a student at the end of the first seven semesters of high school will be used to determine graduation honors. In order to be eligible for graduation recognition, a student must *complete a minimum of five, mark point-earning, courses each semester while enrolled in high school. Parents may appeal this requirement to receive graduation honors to the building principal if unique circumstances exist (e.g. serious illness preventing full-time enrollment in school). The principal will make the final determination in these circumstances.

*complete = passing the class & earning credit; “complete the credit”

- On-Level Courses are built from rigorous, grade-level standards and represent the PLCS diploma. These courses are meant to prepare any student for their next step after high school graduation, including 4-year college.
- Honors--Honors classes are built from on-level course topics of study and pacing; they are differentiated by content, processes, and products (assessments). These courses earn an additional .5 mark point in GPA calculation.
- Advanced Placement Courses--AP courses are college-level courses taught at the high school. Course content is guided by The College Board; and, each teacher must have their syllabus approved annually. College texts are frequently used. Students in AP will be encouraged to take the national exam of the course in May. Students may be responsible for the exam fees. Some AP classes may also be provided for Dual Enrollment credit. Students should check with their teachers on this opportunity. Students intending to attend a 4-year college or university are strongly encouraged to take at least one AP course. These courses earn an additional 1.0 mark point in GPA calculation.

High School Credits

Only credits earned while in grades nine through twelve will apply towards graduation requirements. Performance in these courses alone will be used to calculate graduation recognition.

Transferring Credits

The records of each transferring student will be evaluated individually with each course grade being assigned the weight of its closest counterpart in the Papillion La Vista Community Schools course offerings. The district will make the final determination on the records of the transfer student.

Exclusions

The following are not included in the calculation of a student's grade point average:

- Courses completed by home-schooled students - unless from an accredited online program
- Correspondence courses not from an accredited high school
- Independent studies
- Audit courses
- Study halls
- Alternative assessment courses
- Pass/no-pass courses

Scheduling Procedures

Students are expected to take the courses for which they register. The master schedule of classes is composed, teachers are hired and assigned, rooms are assigned, facilities are built or adjusted, and supplies/materials are purchased based upon the number of students registered for specific classes. Therefore, wholesale schedule changing would not only affect the carefully planned outline of the student's high school career, but it would also nullify the efforts made in constructing a well-developed master building schedule for all students and teachers.

- Students must earn a minimum of 45 semester credits to graduate from Papillion La Vista Community Schools.
- Students in Grades 9-11 must enroll in a minimum of six (6) credit classes each semester.
- Students in Grade 12 must enroll in a minimum of five (5) credit classes each semester. Triple early release will NOT be allowed.

<p>Start of School Year</p> <p>Fall Check-In and Days 1-5 of 1st Semester</p>	<ul style="list-style-type: none">• Fall Check-In Days: Changes will be allowed on these two days. We will be available for walk-ins and appointments.• First 5 Days: Students are allowed to make changes to 1st and 2nd semester courses. If a student wants a change for 2nd semester, they must make it at this time.• Students are allowed to make elective changes in person or via email.• Any changes to core classes must be made via appointment and with a parent/guardian.• All schedule changes are subject to seat availability.
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	<ul style="list-style-type: none"> • Dropped courses will not appear on a student's transcript. • Schedule changes can be denied if the counselor or administrator determine that the change is not in the student's best interest. For example, students will be highly encouraged to remain in AP and honors courses. • Changes will not be considered based on the student's personal preference (i.e. teacher request, lunch request) or that of the student's parent or guardian.
Mid-Semester	<ul style="list-style-type: none"> • Only changes will be Drops and Study Halls added as a result of an Administration-initiated request. • Students may receive a withdrawal (W) or failure (F) based on the circumstance of the situation.
Start of 2nd Semester First 2 Days of 2nd Semester	<ul style="list-style-type: none"> • Students may drop an elective for a study hall. • Core subject level changes will only occur if a student earned an F or D for the fall semester. A meeting must be held with the parent/guardian, student, counselor, teacher input and administrator if necessary. • 9th - 11th grade students may not drop a core class. • 12th graders will be highly discouraged from dropping core classes and may be denied the request.

Auditing a Course

A student may audit a course for no credit with administrative approval. The course title will appear on the transcript with "AU" for audit and no credit. The decision to audit must be made within the first 10 days of a semester. An audit permission form must be obtained from the guidance office and signed by the student, the teacher, an administrator and a parent, and be returned to the guidance office. This is typically done for students that have failed a semester of a yearlong course to eliminate a learning gap.

Which class should your student register for?

Choosing the right course can be a challenging decision. Use the following suggestions when deciding what level is right for you.

- On-Level Courses - On-Level Courses are built from rigorous, grade-level standards and represent the PLCS diploma. These courses are meant to prepare any student for their next step after high school graduation, including 4-year college.
- Honors/Advanced--Honors classes are built on-level course topics of study and pacing; they are differentiated by content, processes, and products (assessments). These courses earn an additional .5 mark point in GPA calculation.

- Advanced Placement Courses--AP courses are college-level courses taught at the high school. Course content is guided by The College Board; and, each teacher must have their syllabus approved annually. College texts are frequently used. Students in AP will be encouraged to take the national exam of the course in May. Students may be responsible for the exam fees. Some AP classes may also be provided for Dual Enrollment credit. Students should check with their teachers on this opportunity. Students intending to attend a 4-year college or university are strongly encouraged to take at least one AP course. These courses earn an additional 1.0 mark point in GPA calculation.

Weighting of Grades

Additional course weight has been assigned to Honors and Advanced Placement (AP) courses. Both categories of courses are evaluated internally through our curriculum toolbox process to ensure an appropriate level of rigor. Moreover, AP courses are externally validated by the College Board to verify that the rigor of each course corresponds with program expectations. The additional weight is assigned to honors and AP courses for two primary purposes. The first is to make these courses more accessible to students by minimizing the GPA risk of potentially receiving a lower grade in a more rigorous course. The second purpose is to provide an incentive for students to take these more rigorous courses in order to potentially maximize their cumulative GPA. The following table below outlines the number of mark points assigned based on performance in each of the three categories of courses in the Papillion La Vista Community Schools.

	A	B	C	D	F
Advanced Placement	5	4	3	2	0
Honors	4.5	3.5	2.5	1.5	0
Non-Weighted	4	3	2	1	0

GPA Calculation Examples

GPA Calculation Example #1			GPA Calculation Example #2		
Course Title	Grade	Mark Points Earned	Course Title	Grade	Mark Points Earned
Geometry	A	4.0	AP Government	A	5.0
Honors Chemistry	A	4.5	AP Biology	C	3.0
English 10	A	4.0	Marching Band	A	4.0
AP World History	A	5.0	AP Language & Composition	A	5.0
Intermediate Weight Training	A	4.0	Honors Pre-Calculus	B	3.5
Spanish II	A	4.0	Honors Spanish III	A	4.5
Introduction to Business	A	4.0	Engineering & Architecture Development	A	4.0
GPA Calculation	29.5 Mark Points Divided by 7 Courses = 4.21 GPA		GPA Calculation	29 Mark Points Divided by 7 Courses = 4.14 GPA	

Opportunities to Earn College Credit While In High School

Get on the postsecondary fast track by enrolling in classes for college credit through Advanced Placement, Dual Enrollment, or Early Entry programs! Available courses typically meet the general education requirements that are required to earn a bachelor or associate degree at most colleges and universities. Students in grades 10 – 12 must meet the prerequisite requirements in order to participate in these opportunities.

Advanced Placement

Advanced Placement classes are college level courses available to high school students which are affiliated with the College Board. Students in an AP class can pay for and take the AP exam in May. The score earned on an AP exam determines if a student will receive college credit or placement at their selected college or university. For more information visit the College Board's AP website at <http://apstudent.collegeboard.org/>. Thirty-eight AP courses are a part of the program, 17 of which are offered at PLSHS.

- Biology
- Calculus AB
- Calculus BC
- Chemistry
- Comparative Gov't & Politics
- English Language & Composition
- English Literature & Composition
- Macroeconomics
- Microeconomics
- Music Theory
- Physics 1
- Physics 2
- Psychology
- Statistics
- United States Gov't & Politics
- United States History
- World History
- Spanish Lang. & Culture

Dual Enrollment

PLSHS is pleased to have partnerships with Nebraska Wesleyan University, the University of Nebraska at Omaha, and Metropolitan Community College to offer our students dual enrollment opportunities. Dual enrollment means that students are able to earn both high school and college credit for a course. College tuition is offered to our students at a reduced rate, and the grade earned will go onto the high school and college transcript. Dual classes are taken at PLSHS or through our district academy programs. A complete list of courses available for dual enrollment is indicated on the following pages.

Early Entry

Early Entry allows students to enroll in courses offered by a local college or university of their choice while in high school. All Early Entry courses require a tuition-fee payment to the intended institution in order to earn college credit.

1. Students must make an appointment with their guidance counselor prior to registering for an Early Entry program if they wish to take college courses in lieu of high school classes during the school day.
2. Students must provide their own transportation to classes and take care of all expenses, tuition, and fees.
3. Credit awarded through an Early Entry program may be used toward graduation at PLSHS. However, the credit will be denoted as pass/fail on the high school transcript. One semester credit will be awarded per successfully completed college course involving a comparable amount of class time.

Colleges Offering Discounted Tuition to High School Students

The following colleges offer discounted tuition rates to high school students to take classes on-line or at their campuses.

Dual Enrollment Opportunities At PLSHS

Students at Papillion La Vista South have the opportunity to gain a jump start on college by enrolling in courses offered for both high school and college credit. We are pleased to have partnerships with Nebraska Wesleyan University, the University of Nebraska at Omaha, and Metropolitan Community College to offer our students dual enrollment opportunities.

What does dual enrollment mean?

It means that if students and parents choose this option, credit will be earned towards high school AND college as long as the student meets the college dual enrollment requirements and are willing to pay the cost of tuition (offered to our students at a discounted rate). These credits will be on the college/university transcript which transfers fairly easily to most other colleges and universities. ***It is up to the student to verify with the post secondary school they will be attending if that institution will accept these credits. It is strongly recommended that this is verified BEFORE paying the tuition!***

What are pros and cons?

The con is the immediate cost, although students pay much less than the regular cost of tuition. The pro is that as long as students meet the academic requirement for the partnering college or university, college credit is earned.

Other pros:

- Students view their senior year not as an end but as a transition by realizing the expectations of college level work and altering their academic practices.
- Those who do not intend to pursue degrees in a given area may fulfill a general education requirement or elective credit.
- Parents save money and time and enable their students to avoid heavy load semesters, additional summer school, and additional semesters in college.
- Early data indicates that dual credit students do better in college, drop out at a lower rate, earn higher GPAs and more often graduate on the expected timeline.

What questions do I need to ask my potential college(s) to verify if dual credits are accepted?

1. Do you accept dual enrollment credit?
2. If yes, how would you accept and transfer (course # and name) dual enrollment credit from (Metro, UNO, and/or Wesleyan)?
3. For AP classes: If no, what score do I need to earn on the (AP course name) AP exam and what course credit or placement will I receive from your institution?
4. Will I be considered a freshman regardless of the number of credits I bring in? In other words, I want to make sure I am still eligible for all freshman scholarships and will not be considered a transfer student.
5. Would the credits I bring in be counted against the overall length/amount of any scholarship that I might receive?
6. For AP math classes: Will Calculus and/or Statistics fulfill my math requirement?

What classes are potentially available for dual enrollment?

Advanced Placement classes
Metro Community College Career Academies

Papillion La Vista Schools Career Academies
Papillion La Vista South core and elective classes

**current dual enrollment courses and academies are listed on the attached page,
along with potential college credits and current cost**

How do I enroll?

Advanced Placement classes: Representatives from the universities schedule times to visit AP classes at the beginning of each semester. Students take the information regarding the dual application process home to share with parents. Students will submit the application and payment online to the university.

Metro CC Career Academies: Students must apply and be accepted into an academy. If accepted, Metro will enroll students in the academy courses.

PLCS Career Academies: Students must apply and be accepted into an academy. Information and the dual application are distributed to students by academy instructors at the beginning of the course.

PLSouth core and elective classes: Teachers will distribute information and the dual application process to students at the beginning of the course.

Who do I contact for more information?

PRIMARY CONTACT:

PLSouth Post-Secondary Counselor	Renee Mead	(402) 829-4611
PLCS Career Academies	Missy Jabens	(402) 537-6217
MCC Career Academies	Jacque Woods	(402) 457-2349
Nebraska Wesleyan	Marian Borgmann-Ingwersen	(402) 465-2415
University of Nebraska at Omaha	Kelly Malone	(402) 554-3810

Metro Community College Career Academies

The Metropolitan Community College (MCC) Career Programs are designed to provide high school juniors and seniors with opportunities to explore various career fields and get a jump start on their post-secondary education. Students who participate in the MCC Career Programs spend periods 5-7 on one of the MCC Campus. Students must have transportation to and from classes at the various campuses. Full descriptions and campus locations can be found at <https://www.mccneb.edu/careeracademy>.

Programs available for 2024-25 include:

3-D Animation and Games	Diesel Technology	Human Services
Administrative Technology	Digital Cinema and Filmmaking	IT Technician - Cyber Security
Advanced Manufacturing	Early Childhood Education	Photography
Architecture Technology	(Seniors only)	Powersports and Outdoor Power
Automotive Collision Technology	Electrical Technology	Equipment Technician
Automotive Technology	Emergency Medical Responder	Pre-Apprenticeship Plumbing
Business	(EMR)	Prototype Design
Certified Nursing Assistant (CNA)	Fire Science Technology	Web and Mobile App
Civil Engineering	Heating, Air Conditioning and	Development
Construction Technology	Refrigeration Technology	Welding and Fabrication
Criminal Justice	Horticulture, Land Systems and	Technology
Culinary Arts Foundations	Management	
Data Science		

How to Apply

- Applications for PLCS academies will be online for one week in November.
- Fliers are located in the counseling center describing each of the academies in detail. More information is also available online at <https://www.plcschools.org/academies> or see a counselor in guidance.

- Students will find out in January if they have been accepted into a PLCS academy. Accepted students will meet with a counselor and academy staff in late January/early February to register for classes.
- Students will find out late March/early April if they have been accepted into an MCC academy. At that time, a counselor will meet with students to make adjustments to schedules.

Scholarships are available to assist academy students with Metro Community College tuition for dual-enrolled classes. Students will need to complete a scholarship application in order to receive assistance.

For more detailed information regarding Papillion-La Vista Community Schools or Metropolitan Community College academies visit:

WWW.PLCSCHOOLS.ORG OR WWW.MCCNEB.EDU

A complete listing of course offerings and descriptions may be found on the Papillion-La Vista South website: <https://www.plcschools.org/domain/1289>. Click on “Course Registration Guide”

College Freshman - Eligibility Standards

NCAA Information

NCAA Website: <https://web3.ncaa.org/ecwr3/>

For more information visit: www.NCAA.org/playcollegesports

Payment: \$100 The Eligibility Center accepts payment online by debit, credit card or echeck. Some individuals may qualify to apply for a fee waiver

Core Courses

NCAA Division I and II require 16 core courses

This simple formula will help you meet Division I and II core-course requirements

4 English courses (one per year) 3 math courses, 2 science courses, 1 extra (english, math, or science) 2 social studies courses, 4 other (any area listed previously or world language).

World Language classes are considered core classes even though they are electives here at Papillion La Vista South.

Division I will require 10 core courses to be completed prior to the seventh semester (7 out of the 10 must be a combination of English, math or natural science). These 10 courses become “locked in” at the start of the seventh semester and cannot be replaced or repeated courses.

See http://fs.ncaa.org/Docs/eligibility_center/Student_Resources/DI_RegsFactSheet.pdf for more information.

Apex courses are not approved by the NCAA.

Test Scores

In January 2023, NCAA Divisions I and II adopted legislation to remove standardized test scores from initial-eligibility requirements. Check with the NCAA school you plan to attend regarding whether standardized test scores are necessary for admission or scholarship requirements.

Grade-Point Average

The NCAA Eligibility Center calculates your grade-point average (GPA) based on the grades you earn in NCAA-approved **core** courses only. Only your best grades from the required number of NCAA core courses will be used. This means that the cumulative GPA listed on your high school transcript could be different than the NCAA core-course GPA used in your certification.

Partial Qualifier

If your student does not qualify academically they can be considered as a partial qualifier. You may practice and receive an athletics scholarship, but may NOT compete, during your first year of full-time enrollment. For more information on partial qualification please call Jim Whitcomb or Jeremy VanAckeren.

Any questions please contact our NCAA counselor Jim Whitcomb or the Athletic Director Jeremy VanAckeren at 402-829-4600

NCAA Eligibility Center

Website Registration Checklist

Take your first step to becoming an NCAA student-athlete at <https://web3.ncaa.org/ecwr3/>

Choose from our two account types to get started:

- 1. Academic and Amateurism Certification Account:** Our most common account for future NCAA student-athletes, an Academic and Amateurism Certification account is right for college-bound student-athletes who are planning to: Compete at an NCAA Division I or II school, Take an official visit, Sign a letter of Intent. \$100 for domestic students and \$160 for International students.
- 2. Amateurism-Only Certification Account:** An Amateurism-Only Certification account is the right account for only a small number of students, including: International college-bound student athletes (first-year students and transfers) planning to compete at an NCAA Division III school. \$70 registration fee.
- 3. Profile Page:** A free Profile Page account is the right account if you are a college-bound student-athlete who is: In high school and staying connected to receive the most current information from the NCAA Eligibility Center, In middle school or earlier and wanting to learn more about college athletics, Still deciding which NCAA division is right for you, Planning to compete at an NCAA Division III school and have only attended a U.S. high school, Registering to play at an NCAA-certified non scholastic basketball event (BBCS, ECAG, AAU)

Use the following checklist to make sure that you have all required information ready to enter:

http://fs.ncaa.org/Docs/eligibility_center/Student_Resources/Registration_Checklist.pdf

For more information, please visit www.NCAA.org/playcollegesports.

NAIA Athletic Eligibility

Each student is required to register at the NAIA Eligibility Center Website: www.PlayNAIA.org. The student provides information in three primary areas: personal information, academic information, and information about playing experience both inside and outside the traditional collegiate setting after high school graduation.

High school transcripts must be submitted to the eligibility center via the NAIA High School Portal. Please note that U.S. high school students who are eligible for an early decision are required to submit only a complete junior year or senior mid-year transcript and a final high school transcript is not required.

SAT and/or ACT scores must be sent directly from the testing agency to the NAIA Eligibility Center electronically. The NAIA Eligibility Center code for both SAT and ACT is 9876.

NAIA Eligibility Requirements (qualifying test score is 18+ on the ACT or 970+ on the SAT):

After Junior Year: 3.3+ GPA or 3.0+ GPA with qualifying test score

After 7th Semester: 2.8+ GPA or 2.5+ GPA with qualifying test score

After Graduation: 2.3+ GPA or 2.0+ GPA with qualifying test score and rank in top 50% of your class

Business, Marketing & Information Technology

Course Title: DIGITAL DESIGN
Course Number: BU57
Duration: One Semester/One Credit
Grade: 9-12
Prerequisites: None
Note: This course will fulfill the graduation requirement for Computer Science.
Not open for students who have already earned credit for Digital Media.

Based on the NDE 2022-2023 CTE Course Standards and Programs of Study, Digital Design is a project-based course that explores communicating through digital platforms. Students will use a variety of digital tools to create examples of photo manipulation, animation, audio production, video production, and web design.

Course Title: INFORMATION TECHNOLOGY 1
Course Number: BU54
Duration: One Semester/One Credit
Grade: 9-12
Prerequisites: None
Note: This course will fulfill the graduation requirement for Computer Science.
This class may be taken for Metropolitan Community College dual credit at a reduced tuition rate.
(Metro: Information Systems and Literacy Info 1001)

Based on the NDE 2022-2023 CTE Course Standards and Programs of Study, this course provides students with opportunities to develop knowledge & skills in the areas of emerging technologies. These understandings can be applied throughout other high school courses, college, and career. Students will engage in learning over the following topics: digital citizenship, document processing, and spreadsheet applications.

Course Title: INFORMATION TECHNOLOGY 2
Course Number: BU55
Duration: One Semester/One Credit
Grade: 9-12
Prerequisites: Information Technology 1 (BU54)
Note: This course will fulfill the graduation requirement for Computer Science.

Based on the NDE 2022-2023 CTE Course Standards and Programs of Study, this advanced course builds on information technology knowledge gained in Information Technology 1. Students will improve skills in document processing, spreadsheet applications, and database construction. Microsoft Office Specialist Certification may be available with additional tests in Word, Excel, PowerPoint and Access.

Course Title: INTRODUCTION TO BUSINESS, MARKETING, AND MANAGEMENT
Course Number: BU30
Duration: One Semester/One Credit
Grade: 9-12
Prerequisites: None

Based on the NDE 2022-2023 CTE Course Standards and Programs of Study, this course is designed as an introductory overview of the Business, Marketing and Management Career Field. The course introduces students to business, marketing, and management. Units of study include the following: the scope and function of business including economics, financial management, marketing, management and leadership; business ownership; and, entrepreneurship.

Business, Marketing & Information Technology (continued)

Course Title: BUSINESS MANAGEMENT AND LEADERSHIP

Course Number: BU02

Duration: One Semester/One Credit

Grade: 10-12

Prerequisites: None

Based on the NDE 2022-2023 CTE Course Standards and Programs of Study, this course is designed for students who are interested in a career in management or business leadership. Students will investigate management issues involved in planning, organizing, controlling, and leading an organization. It emphasizes the basic concepts of entrepreneurship, management and leadership within the business organization, characteristics, organization, and operation of business as a major sector of the economy.

Course Title: BUSINESS AND PERSONAL LAW

Course Number: BU21

Duration: One Semester/One Credit

Grade: 11-12

Prerequisites: None

Based on the NDE 2022-2023 CTE Course Standards and Programs of Study, Business and Personal Law will introduce the student to the basics of our legal system. Students will develop a better understanding of their rights as minors and adults. Criminal and civil law will be introduced, and court procedures will be discussed. Additional units include Family Law, Banking and Credit, Employment, and Contracts.

Course Title: COMPUTER INTERN / TITAN TECHS

Course Number: BU23

Duration: One Semester/One Credit

Grade: 10-12

Titan Techs is a program/class that was created to meet the needs of the students and staff of PLSHS. Topics covered include the following: computer/projector repair, network setup and troubleshooting, social media management, audio/video management, etc. Students need to be self driven and interested in supporting technology needs for PLSHS. Reach out to Colin Frye with any questions.

Course Title: MARKETING 1A

Course Number: BU31

Duration: One Semester/One Credit

Grade: 10-12

Prerequisites: None

Note: Students who register for Marketing 1A should also register for Marketing 1B in concurrent semesters.

Based on the NDE 2023-2024 CTE Course Standards and Programs of Study, Marketing 1A is an introductory course in the study of the foundations and functions of marketing. Basic topics covered include the following: fundamentals of marketing, marketing information and management, and selling. Students interested in business, preparing for a college business major, or full-time employment will benefit from this course. Students will learn the importance of marketing to succeed in the business environment as a professional. This course provides engaging activities that encourage collaboration and real-world connections. Students will have the opportunity to apply current technologies to marketing activities and projects.

Business courses provide students the opportunity to join DECA, a co-curricular association of business, marketing, finance, and management students.

Business, Marketing & Information Technology (continued)

Course Title:	MARKETING 1B
Course Number:	BU34
Duration:	One semester/One credit
Grade:	10-12
Prerequisites:	Marketing 1A
Note:	Students who register for Marketing 1A should also register for Marketing 1B in concurrent semesters.

Based on the NDE 2022-2023 CTE Course Standards and Programs of Study, Marketing 1B builds on foundations and functions of marketing in Marketing 1A. Topics developed further include the following: marketing economics, free enterprise, sales training, human relations, product development, advertising, buying and pricing principles, markets and market identification. Students interested in business, preparing for a college business major or full-time employment will benefit from this course. Students will learn the value of marketing and today's attitudes to succeed in the business environment as a professional. Guest speakers, projects and team activities are included in this course curriculum. Students will have the opportunity to apply computer and related technologies to marketing activities and projects. DECA is an association of marketing students. This youth organization prepares its members to be America's future leaders in the fields of marketing, merchandising, management and entrepreneurship. Any student in a marketing class is eligible to join DECA.

Business courses provide students the opportunity to join DECA, a co-curricular association of business, marketing, finance, and management students.

Course Title:	MARKETING 2
Course Number:	BU32
Duration:	Two Semesters/Two Credits
Grade:	11-12
Prerequisites:	Marketing 1B

Based on the NDE 2022-2023 CTE Course Standards and Programs of Study, Marketing 2 is the second-year course in the marketing program and is specifically designed for students interested in entering a marketing or business occupation. This is an excellent course for college-bound marketing or business majors, as well as a student preparing for full-time employment after high school. Emphasis is placed on the development and improving of attitudes, skills, and understanding related to careers in marketing, merchandising, and management. Marketing areas include the following: human relations (including employer and/or employee customer relations), communications in marketing, fashion marketing, sports and entertainment marketing, marketing research, marketing management and control, and entrepreneurship.

Course Title:	ACCOUNTING 1A
Course Number:	BU10
Duration:	One Semester/One Credit
Grade:	10-12
Prerequisites:	None
Note:	Students who register for Accounting 1A should also register for Accounting 1B in concurrent semesters.

Based on the NDE 2022-2023 CTE Course Standards and Programs of Study, this introductory accounting course focuses on modern accounting principles used in all businesses and needed within various business, finance, and economics fields. Through small business ownership simulation, students learn basic business terminology, modern record keeping, and careers associated with accounting. This course is highly recommended for any student intending to study business in a post-secondary institution or desiring to seek employment in a business-related occupation directly out of high school.

Business, Marketing & Information Technology (continued)

Course Title:	ACCOUNTING 1B
Course Number:	BU13
Duration:	One Semester/One Credit
Grade:	10-12
Prerequisite:	Accounting 1A
Note:	Students who register for Accounting 1A should also register for Accounting 1B in concurrent semesters.

Based on the NDE 2022-2023 CTE Course Standards and Programs of Study, this extension of Accounting 1A focuses on modern accounting principles used in all businesses and needed within various business, finance, and economics fields. Through corporate business ownership simulation, students apply concepts learned in Accounting 1A. This course is highly recommended for any student intending to study business in a post-secondary institution or desiring immediate employment in a business-related occupation directly out of high school.

Course Title:	PERSONAL FINANCE
Course Number:	BU40
Duration:	One Semester/One Credit
Grade:	9-12
Prerequisites:	None
Note:	This course is required for the Class of 2027 and beyond. It is recommended for upperclassmen.

Based on the NDE 2019 Economics Strand of the Social Studies Standards, this course is designed to teach students the knowledge & skills necessary to manage their financial resources and responsibilities. Students will develop understanding in the following areas of financial literacy: money management, banking services, budgeting, decision making, creating financial goals, career opportunities, taxes, borrowing, using credit, insurance, and investing.

Course Title:	PERSONAL FINANCE (ONLINE)
Course Number:	BU42
Duration:	One Semester/One Credit
Grade:	9-12
Prerequisites:	None
Note:	This course fulfills the requirement for the Class of 2027 and beyond. It is recommended for upperclassmen.

Based on the NDE 2019 Economics Strand of the Social Studies Standards, this course is designed to teach students the knowledge & skills necessary to manage their financial resources and responsibilities. Students will develop understanding in the following areas of financial literacy: money management, banking services, budgeting, decision making, creating financial goals, career opportunities, taxes, borrowing, using credit, insurance, and investing.

Online courses provide students with an opportunity to learn in a nearly exclusive online environment, and thus, very different from regular courses. Curriculum is organized online around units known as modules. Students will have some flexibility with time to complete each module but are still expected to meet deadlines. Students will engage with the instructor and other students in a collaborative environment while completing each online course. Class format includes independent reading, individual assignments, discussion boards, individual/group projects/authentic activities, and other multimedia tools to engage students in an online modality. Students must attend an orientation session for online courses to enroll.

Business, Marketing & Information Technology (continued)

Course Title: GENERAL COMPUTER SCIENCE
Course Number: CP11
Duration: One Semester/One Credit
Grades: 9-12
Note: This course will fulfill the graduation requirement for Computer Science

Course Description: Based on Nebraska Revised Statute 79-3303, Computer Science will build knowledge and skills regarding computer literacy, educational technology, digital citizenship, information technology, and computer science. This beginning course starts the NDE Computer Science Pathway for NDE's Program of Study in Communication and Information Systems. Students can expect to engage in the following modules of study: Digital Citizenship, Data, Problems & Solutions, Programming & Debugging, and Networking.

Course Title: GENERAL COMPUTER SCIENCE (ONLINE)
Course Number: CP12
Duration: One Semester/One Credit
Grades: 9-12
Note: This course will fulfill the graduation requirement for Computer Science

Course Description: Based on Nebraska Revised Statute 79-3303, Computer Science Online will build knowledge and skills regarding computer literacy, educational technology, digital citizenship, information technology, and computer science. This beginning course starts the NDE Computer Science Pathway for NDE's Program of Study in Communication and Information Systems. Students can expect to engage in the following modules of study: Digital Citizenship, Physical Computing, Problems & Solutions, Programming & Debugging, and Networking.

Online courses provide students with an opportunity to learn in a nearly exclusive online environment, and thus, very different from regular courses. Curriculum is organized online around units known as modules. Students will have some flexibility with time to complete each module but are still expected to meet deadlines. Students will engage with the instructor and other students in a collaborative environment while completing each online course. Class format includes independent reading, individual assignments, discussion boards, individual/group projects/authentic activities, and other multimedia tools to engage students in an online mode. Students must attend an orientation session for online courses to enroll.

Course Title: PROJECT LEAD THE WAY (PLTW) COMPUTER SCIENCE PRINCIPLES
Course Number: CP13
Duration: Two Semesters/Two Credits
Grades: 9-12
Note: This course will fulfill the graduation requirement for Computer Science

Using Python® as a primary tool and incorporating multiple platforms and languages for computation, this course aims to develop computational thinking, generate excitement about career paths that utilize computing, and introduce professional tools that foster creativity and collaboration. Computer Science Principles helps students develop programming expertise and explore the workings of the Internet. Students will complete projects and problems that include app development, visualization of data, cybersecurity, and simulation. This course is best suited for students with acute interest in computer science and/or post-secondary computer science pursuits.

Communication Arts

Course Title: DEBATE 1
Course Number: CA30
Duration: One Semester/One Credit
Grade: 9-12
Prerequisites: None

Debate 1 is a semester course designed to introduce students to the theory and practice of academic debate. The course will focus on argumentation, research, and delivery skills. In-class debate will be used to measure student understanding and application of skills. Students who enjoy competitive debate may choose to join the debate team, but doing so is not mandatory for this course

Course Title: DEBATE 2
Course Number: CA31
Duration: Two Semesters/Two Credits
Grade: 10-12
Prerequisites: Debate 1

Advanced debaters will refine the skills acquired in Debate 1 and will be expected to participate in extracurricular debate activities at least twice per semester. In addition, advanced debaters will participate in independent collaborative projects, advanced researching activities, and novice mentoring and guidance.

Course Title: DEBATE 3
Course Number: CA32
Duration: Two Semesters/Two Credits
Grade: 11-12
Prerequisites: Debate 2

Debate 3 will provide the opportunity for advanced debaters to develop techniques that were refined in Debate 2 through independent research, case preparation, competitive debating, and mentoring of first and second year debaters. Debaters are expected to participate in extracurricular debate at least twice a semester.

Course Title: DEBATE 4
Course Number: CA33
Duration: Two Semesters/Two Credits
Grade: 12
Prerequisites: Debate 3

Debate 4 will provide the opportunity for advanced debaters to develop techniques that were refined in Debate 3 through independent research, case preparation, competitive debating, and mentoring of first and second year debaters. Debaters are expected to compete in several tournaments and to judge at one tournament.

Communication Arts (continued)

Course Title:	SPEECH 1
Course Number:	CA46
Duration:	Two Semesters/Two Credits
Grade:	9-12
Prerequisites:	None
Note for Curricular Component:	If students sign up for a competition with fees, students will be charged the fee if they drop from the competition after payment deadlines. Each high school may continue charging an activity fee for student participation in competitions.

Aligned with the NE ELA 2021 Standards and NSAA co-curricular competition expectations, Speech 1 is designed for students who wish to practice public speaking, especially in the area of competitive speaking. Regardless of the school choosing the co-curricular component, students will study the following Nebraska State Activities Association (NSAA) competitive events: oral interpretation of serious and humorous prose, oral interpretation of poetry, duet acting, oral interpretation of drama/group drama, extemporaneous speaking, persuasive speaking, informative speaking, and entertainment speaking. If the school chooses the co-curricular component, then Speech 1 students will be required to participate in competition throughout the year.

Course Title:	SPEECH 2
Course Number:	CA47
Duration:	Two Semesters/Two Credits
Grade:	10-12
Prerequisites:	Speech 1 or Participation on a Competitive Speech (or Forensics) Team
Note for Co-Curricular Component:	If students sign up for a competition with fees, students will be charged the fee if they drop from the competition after payment deadlines. Each high school may continue charging an activity fee for student participation in competitions.

Aligned with the NE ELA 2021 Standards and NSAA co-curricular competition expectations, Speech 2 is designed for students who wish to continue practicing public speaking, especially in the area of competitive speaking. Regardless of the school choosing the co-curricular component, students will study the following Nebraska State Activities Association (NSAA) competitive events: oral interpretation of serious and humorous prose, oral interpretation of poetry, duet acting, oral interpretation of drama/group drama, extemporaneous speaking, persuasive speaking, informative speaking, and entertainment speaking. If the school chooses the co-curricular component, then students in Speech 2 will be required to participate in competitions & judging throughout the year.

Course Title:	SPEECH 3
Course Number:	CA48
Duration:	Two Semesters/Two Credits
Grade:	11-12
Prerequisites:	Speech 2 or Participation on a Competitive Speech (or Forensics) Team
Note for Co-Curricular Component:	If students sign up for a competition with fees, students will be charged the fee if they drop from the competition after payment deadlines. Each high school may continue charging an activity fee for student participation in competitions.

Aligned with the NE ELA 2021 Standards and NSAA co-curricular competition expectations, Speech 3 is designed for students who wish to continue practicing public speaking, especially in the area of competitive speaking. Regardless of the school choosing the co-curricular component, students will study the following Nebraska State Activities Association (NSAA) competitive events: oral interpretation of serious and humorous prose, oral interpretation of poetry, duet acting, oral interpretation of drama/group drama, extemporaneous speaking, persuasive speaking, informative speaking, and entertainment speaking. If the school chooses the co-curricular component, then students in Speech 3 will be required to participate in competitions & judging throughout the year.

Communication Arts (continued)

Course Title:	SPEECH 4
Course Number:	CA49
Duration:	Two Semesters/Two Credits
Grade:	12
Prerequisites:	Speech 3 or Participation on a Competitive Speech (or Forensics) Team
Note for Co-Curricular Component:	If students sign up for a competition with fees, students will be charged the fee if they drop from the competition after payment deadlines. Each high school may continue charging an activity fee for student participation in competitions.

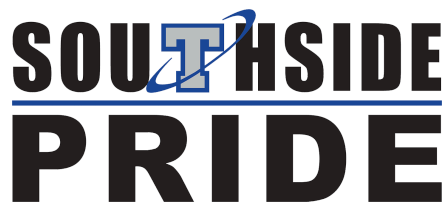
Aligned with the NE ELA 2021 Standards and NSAA co-curricular competition expectations, Speech 4 is designed for students who wish to continue practicing public speaking, especially in the area of competitive speaking. Regardless of the school choosing the co-curricular component, students will study the following Nebraska State Activities Association (NSAA) competitive events: oral interpretation of serious and humorous prose, oral interpretation of poetry, duet acting, oral interpretation of drama/group drama, extemporaneous speaking, persuasive speaking, informative speaking, and entertainment speaking. If the school chooses the co-curricular component, then students in Speech 4 will be required to participate in competitions & judging throughout the year.

Course Title:	CREATIVE WRITING 1
Course Number:	CA20
Duration:	One Semester/One Credit
Grade:	10-12
Prerequisites:	None

Creative Writing 1 is an elective course designed to introduce students to various forms of creative writing and to familiarize students with the writing workshop process. This course will specifically focus on the writing of short stories and poetry. Students should be prepared to write daily. Students should be prepared to present and share their writing with their peers, read and constructively comment on the work of others, and submit their work for print and internet publication. Students will read professional or published works to learn from other writers.

Course Title:	CREATIVE WRITING 2
Course Number:	CA21
Duration:	One Semester/One Credit
Grade:	10-12
Prerequisites:	Creative Writing 1

Creative Writing 2 is an advanced elective course designed to deepen students' understanding of the writing process. Students will work to develop their skills in four core areas—Premise to Plot, Character and Conflict, Creating a Sense of Place, and Writing for the Big Picture—with the intent of creating works of greater length and complexity. Students should be prepared to write daily in a variety of genres and styles for the purpose of developing ideas and sharpening language skills. Students will present and share their writing with peers, will read and constructively comment on the work of others, and will prepare work for professional submission. In addition, students will gain exposure to the works of established writers.



Communication Arts (continued)

Course Title:	JOURNALISM 1
Course Number:	CA60
Duration:	One Semester/One Credit
Grade:	9-12
Prerequisites:	None
Note:	Does NOT fulfill requirement for English Language Arts

Journalism 1 is a preparatory class for students wishing to work on the school news publication or yearbook. Coursework focuses on defining news, interviewing, writing for publication, editing, capturing photojournalistic images and designing layouts. The course also includes current events, communication and critical analysis of the mass media. The successful completion of this course is needed for students who wish to take Journalism: News Magazine/Web or Journalism: Yearbook.

Course Title:	JOURNALISM: NEWS MAGAZINE/WEB
Course Number:	CA61
Duration:	Two Semesters/Two Credits
Grade:	10-12
Prerequisites:	Journalism 1 & Application
Note:	Does NOT fulfill requirement for English Language Arts

Building from Journalism 1, the skills application course Journalism: News Magazine/Web functions as a multimedia newsroom, producing print and web news for the student body. Strong writing skills are essential. Opportunities for leadership roles exist. All students will be required to help sell advertisements, as the publications are primarily self-funded. Attendance at events outside the regular school day may be required. Student work may be submitted for national and state contests, including the NSAA-sponsored State Journalism Competition. The course can be repeated for elective credit.

Course Title:	JOURNALISM: YEARBOOK
Course Number:	CA62
Duration:	Two Semesters/Two Credits
Grade:	10-12
Prerequisites:	Journalism 1 & Application
Note:	Does NOT fulfill requirement for English Language Arts

Building from Journalism I, the skills application course Journalism: Yearbook focuses on producing the yearbook. Strong photography and design skills are a plus. Opportunities for leadership roles exist. All students will be required to help sell advertisements and books, as the publication is primarily self-funded. Attendance at events outside the regular school day may be required. Student work may be submitted for national and state contests, including the NSAA-sponsored State Journalism Competition. The course can be repeated for elective credit.

Communication Arts (continued)

Course Title: MEDIA STUDIES 1
Course Number: CA64
Duration: One Semester/One Credit
Grade: 9-12
Prerequisites: (Media Academy Course) – Admittance to Media Academy required.
Note: This course will fulfill the graduation requirement for Computer Science.

This course is designed to help students explore a variety of media including broadcast, video, audio, Internet, mobile, cross-platform media, and print. Students will learn about the power of the media and its historical development, current trends, and future innovations. Legal and ethical standards will be introduced as students begin the writing, filming, and editing processes through hands-on opportunities with equipment and software.

Course Title: MEDIA STUDIES 2
Course Number: CA65
Duration: One Semester/One Credit
Grade: 9-12
Prerequisites: Media Studies 1 (Media Academy Course) – Admittance to Media Academy required.
Note: This course will fulfill the graduation requirement for Computer Science.

This course is designed to help students explore careers while working together to create projects in a variety of media such as web, broadcast, design, and live-streaming over the Internet. The emphasis of Media Studies 2 is on collaboration and career exploration.

Course Title: MEDIA PRODUCTION 1
Course Number: CA66
Duration: Two Semesters/Two Credits
Grade: 10-12
Prerequisites: Media Studies 2 (Media Academy Course) – Admittance to Media Academy required.
Note: This course will fulfill the graduation requirement for Computer Science.

This course will help students apply their media skills of interviewing, reporting, writing, editing, videography, and design. Students will continue their exploration of media and will focus more intently upon the production process through exploration of a variety of video styles and outlets. News, sports, short film, commercial, and documentary styles will be explored. Hands on opportunities with equipment and software will be provided. The emphasis of this course will be to work both independently and collaboratively to create a professional product while meeting deadlines.

Course Title: MEDIA PRODUCTION 2
Course Number: CA67
Duration: Two Semesters/Two Credits
Grade: 11-12
Prerequisites: Media Production 1(Media Academy Course) – Admittance to Media Academy required.
Note: This course will fulfill the graduation requirement for Computer Science.

This course will help students apply their media skills of interviewing, reporting, writing, editing, videography, design, and live event execution. Students will develop their leadership, directorial, and production skills in this course. They will serve as production leaders, producers, project managers, and troubleshooters. The emphasis of this course is to develop leaders who can plan and execute independent projects and coordinate long-term projects.

Communication Arts (continued)

Course Title:	MEDIA PRODUCER
Course Number:	CA68
Duration:	2 semesters/2 credits or 1 semester/1 credit; P/NP Only
Grade:	11-12
Prerequisites:	Media 1 and 2 Production + Instructor Approval & Media Academy Admittance Required
Note:	Enrollment in this course does NOT count as one of 5 needed earning mark points per semester for Laude recognition.

A qualified Student Producer will:

Have successfully completed Media Studies 1, Media Studies 2, and Media Production 1.

Have regularly met deadlines on assignments and projects.

Have volunteered for assistant leadership positions in previous years.

Have completed a written application and an interview with the instructor.

Have shown an understanding of the responsibilities involved with being a Student Producer and expressed a strong desire to succeed in the role.

A Student Media Producer may:

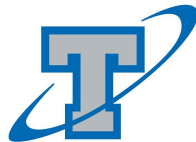
Assume the role of producer at an athletic season's live events (recruit and assign crew, lead trouble-shooting, manage contact with travel locations, communicate with the teacher regarding transportation and any potential issues with a live event).

Coordinate special events in the role of a producer, including post-production

Work with the teacher in a section of Media Studies 1 and 2.

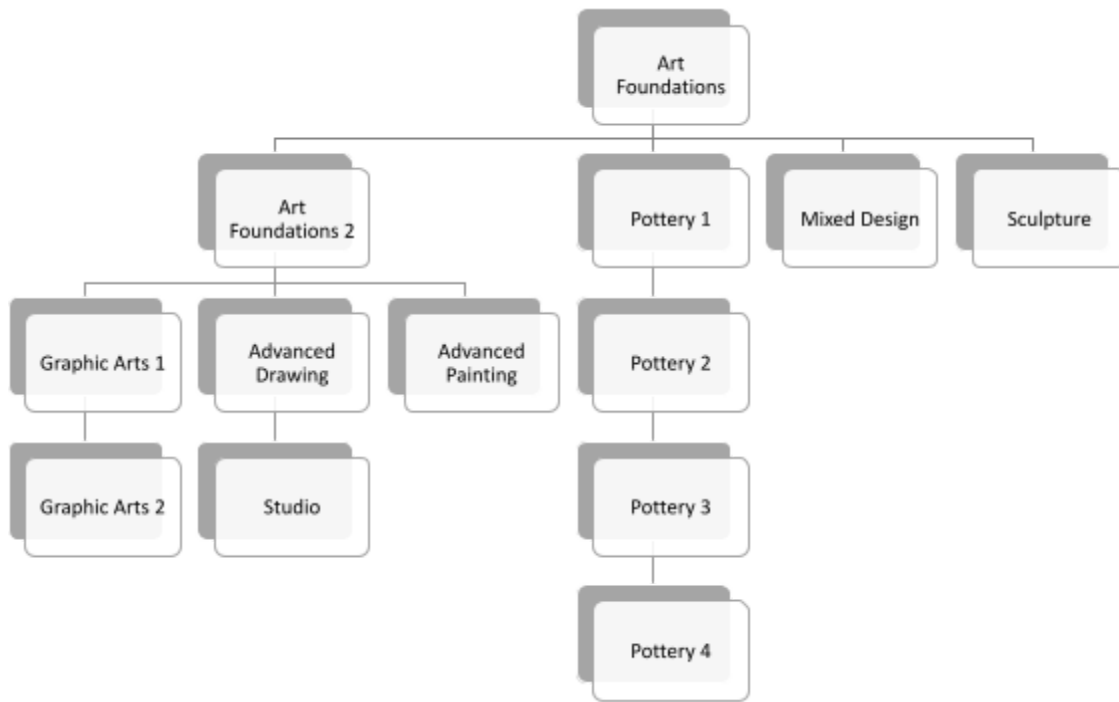
Get to know new crew members and assist in their training (camera operation, equipment maintenance, videography, teamwork, scriptwriting, editing).

Facilitate team building and fraternity and sorority amongst the students in Media Academy.



Fine Arts

Fine Arts Pathways



Course Title: ART FOUNDATIONS 1
Course Number: FA71
Former Course: Art 1 (FA24)
Duration: One Semester/One Credit
Grade: 9-12
Fees: \$15

Aligned with the most current Nebraska K-12 Fine Arts Standards: Visual Arts, Art Foundations 1 is a course designed to develop basic knowledge and skills in media technique and composition. Topics studied will include the following: Basic Art Elements, Drawing Fundamentals, Introduction to the Color Wheel, Fundamentals of 3-Dimensional Art. Students will learn through direct instruction and hands-on application of newly-acquired knowledge and skill.

Course Title: ART FOUNDATIONS 2
Course Number: FA72
Former Course: Art 2 (FA25)
Duration: One Semester/One Credit
Grade: 9-12
Fees: \$15
Prerequisites: Art Foundations 1

Aligned with the most current Nebraska K-12 Fine Arts Standards: Visual Arts, Art Foundations 2 is a course designed to expand on basic knowledge and skills in media technique and composition learned in Art Foundations 1. This course will further explore the Principles of Art and expand upon the Elements. Students will learn through direct instruction and hands-on application of previously-acquired knowledge and skill.

Fine Arts (continued)

Course Title: MIXED DESIGN
Course Number: FA73
Former Courses: Multimedia (FA15) and Printmaking (FA70)
Duration: One Semester/One Credit
Grade: 9-12
Fees: \$15
Prerequisites: Art Foundations 1

Aligned with the most current Nebraska K-12 Fine Arts Standards: Visual Arts, Mixed Design investigates diverse art making experiences and explores various art forms and approaches. This course will bring freedom and confidence to your creative practice. Mixed Design is a semester-long course.

Course Title: ADVANCED PAINTING
Course Number: FA74
Former Course: Painting (FA13)
Duration: One Semester/One Credit
Grade: 10-12
Fees: \$15
Prerequisites: Art Foundations 2

Aligned with the most current Nebraska K-12 Fine Arts Standards: Visual Arts, Advanced Painting will focus on the application of various painting media and advanced techniques. Students will execute a variety of processes from conceptualization and planning to production and reflecting and critiquing. Advanced Painting is a semester-long course.

Course Title: ADVANCED DRAWING
Course Number: FA75
Duration: One Semester/One Credit
Grade: 10-12
Fees: \$15
Prerequisites: Art Foundations 2

Aligned with the most current Nebraska K-12 Fine Arts Standards: Visual Arts, Advanced Drawing will focus on the application of various drawing media and advanced techniques. Students will execute a variety of processes from conceptualization and planning to production and reflecting and critiquing. Advanced Drawing is a semester-long course.

Course Title: GRAPHIC ARTS 1
Course Number: FA29
Duration: One Semester/One Credit
Grade: 10-12
Fee: None
Prerequisites: Art Foundations 2
Note: This course will fulfill the graduation requirement for Computer Science.

Aligned with the most current Nebraska K-12 Fine Arts Standards for Visual Arts, Graphic Arts 1 combines art and technology to plan and create digital artwork to communicate ideas and messages. Students will create and design using industry standard software such as Adobe Photoshop and Illustrator and beyond. A digital portfolio will be built throughout the semester. Graphic Arts 1 is a semester-long course.

Fine Arts (continued)

Course Title: GRAPHIC ARTS 2
Course Number: FA16
Duration: One Semester/One Credit
Grade: 10-12
Fee: None
Prerequisites: Graphic Arts 1
Note: This course will fulfill the graduation requirement for Computer Science.

Aligned with the most current Nebraska K-12 Fine Arts Standards for Visual Arts, Graphic Arts 2 is an advanced course that builds on knowledge and skills learned in Graphic Arts 1. Students will use industry standard software to solve real world design challenges and opportunities to expand their digital portfolio. Graphic Arts 2 is a semester-long course.

Course Title: STUDIO ART
Course Number: FA76
Duration: One Semester/One Credit (repeating course)
Grade: 11-12
Fees: \$15
Prerequisites: Art Foundations 2 + 2 semesters of other Art courses

Aligned with the most current Nebraska K-12 Fine Arts Standards for Visual Arts, Studio Art is a course offering for the serious art student interested in building a mastery level portfolio. This course promotes a sustained investigation of all three aspects of portfolio development; quality, variety and concentration. Studio is a semester-long course that can be repeated.

Course Title: SCULPTURE
Course Number: FA80
Duration: One Semester/One Credit
Grade: 9-12
Fees: \$15
Prerequisites: Art Foundations 1

Aligned with the most current Nebraska K-12 Fine Arts Standards for Visual Arts, Sculpture allows students to experiment with 3-D and relief sculpture in a variety of media. Students will study how sculpture has been approached by artists in different cultures throughout history. Sculpture is a semester-long course.

Course Title: POTTERY 1
Course Number: FA60
Duration: One Semester/One Credit
Grade: 9-12
Fees: \$15
Prerequisites: Art Foundations 1

Aligned with the most current Nebraska K-12 Fine Arts Standards for Visual Arts, Pottery 1 is a course in which basic techniques of hand building and wheel throwing will be taught. Students will become familiar with pottery traditions, techniques, and pottery artists as well. They will learn about different clay bodies and glaze techniques. Pottery 1 is a semester-long course.

Fine Arts (continued)

Course Title: POTTERY 2
Course Number: FA61
Duration: One Semester/One Credit
Grade: 10-12
Fees: \$15
Note: Recommended completion of Pottery 1

Aligned with the most current Nebraska K-12 Fine Arts Standards for Visual Arts, Pottery 2 is a course with emphasis on advanced wheel throwing and upper level hand building /sculptural techniques. Glaze layering and kiln firing will also be further developed. Students will learn historical and multicultural approaches to pottery form and function. Pottery 2 is a semester-long course.

Course Title: POTTERY 3
Course Number: FA62
Duration: One Semester/One Credit
Grade: 10-12
Fees: \$15
Note: Recommended completion of Pottery 2

Aligned with the most current Nebraska K-12 Fine Arts Standards for Visual Arts, Pottery 3 is a course in which the student potter will use diverse aesthetic approaches to problem solve how pottery can be functional or “fine” art. Students will specialize in both wheel throwing, hand building and combination techniques. This class is intended for students seeking more detailed and shape oriented outcomes. Pottery 3 is a semester-long course.

Course Title: POTTERY 4
Course Number: FA63
Duration: One Semester/One Credit
Grade: 11-12
Fees: \$15
Note: Recommended completion of Pottery 3

Aligned with the most current Nebraska K-12 Fine Arts Standards for Visual Arts, Pottery 4 is a course set up for students with highly advanced throwing and hand building skills. This class is intended for potters with a strong work ethic and independent thinking. Projects will include larger pieces of both wheel thrown and hand built techniques. Emphasis will be placed on creating a higher skill level of finished glazing and slip manipulation. Pottery 4 is a semester-long course.

Drama

Course Title: DRAMA 1
Course Number: FA50
Duration: One Semester/One Credit. Offered 1st semester only.
Grade: 9-12
Note: Students are encouraged to register for Drama 1 and Drama 2 as a year block (two semesters/two credits)

Aligned with the National Core Arts Standards for Theatre, Drama 1 is for students interested in theatre and acting. The course is designed to provide students an overview of theatre and theatre technology. Units of study include: theatre terminology, the history of theatre, acting techniques, and basic stage make-up. Students can expect to learn through direct instruction and performance—including improvisation, pantomime, and rote memorization.

Drama (continued)

Course Title: DRAMA 2
Course Number: FA51
Duration: One Semester/One Credit. Offered 2nd semester only.
Grade: 9-12
Notes: Recommended completion of Drama 1.
Students are encouraged to register for Drama 1 and Drama 2 as a year block (two semesters/two credits).
This course is co-curricular; it requires a commitment outside the school day.

Aligned with the National Core Arts Standards for Theatre, Drama 2 is for students interested in extending their learning of acting and theatre techniques. The course is designed to provide students a deeper dive into theatre. Units of study may include: show production, auditioning, and play writing, and/or devised theatre. Students can expect to learn through direct instruction and performance—including improvisation, group scenes, and rote memorization. All students will be expected to participate in a one-act production outside the school day.

Course Title: DRAMA 3
Course Number: FA52
Duration: One Semester/One Credit. Offered 2nd semester only.
Grade: 10-12
Notes: Recommended completion of Drama 1 and Drama 2.
This course is co-curricular; it requires a commitment outside of the school day.

Aligned with the National Core Arts Standards for Theatre, Drama 3 is for students interested in advancing their learning of acting and theatre techniques in preparation for Play Production. The course is designed to provide students an opportunity to devise their own production under teacher guidance. All students will be expected to participate in a one-act production outside the school day.

Course Title: BACKSTAGE THEATRE TECHNOLOGY (STAGECRAFT)
Course Number: FA53
Duration: Two Semesters/Two Credits
Grade: 10-12
Prerequisites: None
Notes: Unless transferring in with comparable experience, students will not be able to start this course at the start of second semester. It is recommended that students taking this class for the first time do so for the full year (two semesters, two credits). This course is co-curricular; it requires a commitment outside the school day. This course may earn recurring credits.

Aligned with the National Core Arts Standards for Theatre, Backstage Theatre Technology is for students who enjoy the idea of doing hands-on, behind the scenes work of theatre. Students can expect to design and build all aspects of school productions, such as, but not limited to, the following: set construction, light & sound design, costumes, props, hair, make-up, stage management. All students will be expected to complete a minimum of eight

Course Title: PLAY PRODUCTION
Course Number: FA54
Duration: Two Semester/Two Credits
Grade: 11-12
Notes: Students must audition.
Drama 1 and Drama 2 are recommended but not required.
This course is co-curricular; it requires a commitment outside the school day.

Aligned with the National Core Arts Standards for Theatre, Play Production is for students interested in mastering their learning of theatre. The course is designed to provide students opportunities to produce full theatrical, extra-curricular shows.

Drama (continued)

Course Title:	STUDENT DIRECTING
Course Number:	FA55
Duration:	One Semester/One Credit (Offered second semester only)
Grade:	11-12
Notes:	Teacher approval; evidence of prior coursework or theatre experience Not a mark-point class. This course is co-curricular; it requires a commitment outside the school day.

Aligned with the National Core Arts Standards for Theatre, Student Directing is for students acutely interested in the process of theatrical directing. The course is designed to be an authentic, hands-on approach to students learning by directing their own one-act plays. Students will experience the process of casting, directing, and producing a show. This will require some time outside the typical school day.

Instrumental Music

Band is a year-long course divided up into several different sections. Students must register for one band class each semester order to participate in the class

Course Title:	JUNIOR VARSITY BAND
Course Number:	FA30
Duration:	One Semester/One Credit (Offered fall semester only)
Grade:	9, 10-12 with approval
Fees:	All consumable items, Fall Band fee, marching band uniform maintenance fee for students wanting to participate in marching activities such as summer parades and football game pre show, instrumental rental fee (if using a school-owned instrument). An activity Ticket is required to participate. Members of the Junior Varsity Band may have the opportunity to travel with the band out of state for a competition, requiring additional costs to the school year.
Intended for:	All incoming 9th grade students with prior band experience and those 10-12 grade students not able to meet the requirements of Varsity Marching Band.

Junior Varsity Band is open to all instrumental students with prior band experience. During the entire semester students will meet as a concert band and work on fundamentals on their instrument along with studying concert band literature. A concert for Junior Varsity Band will be held in December. Students who wish to participate in marching activities such as summer parades and football game pre show will rehearse with the Varsity Band during zero-hour when scheduled.

Course Title:	VARSIITY BAND
Course Number:	FA31
Duration:	One Semester/One Credit (Offered fall semester only)
Grade:	10-12 (9th grade by audition only)
Fees:	All consumable items, a combined summer and fall band fee, or color guard fee, marching band uniform maintenance fee, instrumental rental fee (only if using a school-owned instrument). An activity ticket is required to participate. The Varsity Band may have the opportunity to travel out of state for a competition, requiring additional costs to the school year.
Prerequisites:	Audition requirements or approval by Band Director
Intended for:	All students with previous band experience.

During the first nine weeks of school, the band will meet as a marching band. The Marching Band performs at all home football games and several marching competitions. After the marching season, concert season begins. A concert for Varsity Band will be held in December. Participation in summer band rehearsals, summer band camp, zero-hour rehearsals and one evening rehearsal per week are required.

Instrumental Music (Continued)

Course Title:	CONCERT BAND
Course Number:	FA35
Duration:	One Semester/One Credit (Offered spring semester only)
Grade:	9-10(11-12 if schedule conflicts and with approval by band director, counselor and administration)
Prerequisites:	Participation in Varsity Marching Band (FA31) or Junior Varsity Band (FA30) during the first semester and with approval by the band director.
Intended for:	All students with previous band experience.

The Concert Band consists of freshman and sophomore students with rare exceptions made for junior and senior students who may have conflicts with scheduling or have limited experience in band. The Concert Band will perform two concerts during the second semester. Students may also have the opportunity to perform at a concert band festival. Students in Concert Band will also perform for the Commencement ceremony in May.

Course Title:	SYMPHONIC BAND
Course Number:	FA34
Duration:	One Semester/One Credit (Offered spring semester only)
Grade:	11-12(9-10 if schedule conflicts or as needed for instrumentation with approval by band director, counselor and administration)
Prerequisites:	Participation in Varsity Marching Band (FA31) or Junior Varsity Band (FA30) during the first semester and with approval by the band director.
Intended for:	All students with previous band experience

The Symphonic Band consists of juniors and senior students with rare exceptions made for freshman and sophomore students who may have conflicts with scheduling or as needed for instrumentation with approval by the band director, counselor, and administration. The Symphonic Band will perform two concerts during the second semester. Students may also have the opportunity to perform at a concert band festival.



Vocal Music

Course Title: 9TH GRADE CHOIR
Course Number: FA68
Former Course: Mixed Chorus (FA41)
Duration: Two Semesters/Two Credits (may be added or dropped at semester)
Grade: 9th
Note: An activity ticket is required to participate in competition. Students in select groups will pay for their own costumes.

Aligned with the Nebraska Fine Arts Standards and National Association for Music Education, 9th Grade Choir is open to all 9th grade students who have the desire to sing in a large choral ensemble. The course content will include instruction for successfully reading and performing choral music, with the intent of preparing the student for participation in Mixed Chorus. The 9th Grade Choir will perform in 2-3 concerts throughout the school year. In addition to the large ensemble, students will have the opportunity to audition for extracurricular choral activities such as Nebraska All-State, District Music Contest, all-school musical, and Titan Revolution and Titan Express show choirs.

Course Title: MIXED CHORUS
Course Number: FA69
Former Course: Concert Choir (FA47)
Duration: Two Semesters/Two Credits
Grade: 10-12
Fees: An activity ticket is required to participate in competition. Students in select groups pay for their own costumes.

Aligned with the Nebraska Fine Arts Standards and National Association for Music Education, Mixed Chorus is open to all 10th-12th grade students who have the desire to sing in a large choral ensemble. The Mixed Chorus will learn and perform a diverse selection of music literature at several concerts throughout the year, as well as at District Music Contest. Mixed Chorus will perform in 2-3 concerts throughout the school year and may perform with other professional ensembles at functions throughout the community. In addition to the large ensemble, students will have the opportunity to audition for extracurricular choral activities such as Nebraska All-State, District Music Contest, all-school musical, and Titan Revolution, Titan Express and Titan Radiance show choirs.

Course Title: CONCERT CHOIR
Course Number: FA67
Former Course: Varsity Choir (FA48)
Duration: Two Semesters/Two Credits
Grade: 10-12
Fees: An activity ticket is required to participate in competition. Students in select groups pay for their own costumes.
Note: Audition Required

Aligned with the Nebraska Fine Arts Standards and National Association for Music Education, Concert Choir is an auditioned ensemble open to all 10th-12th grade students who have the desire to sing in a large choral ensemble. Concert Choir will learn and perform a diverse selection of music literature at several concerts throughout the year, as well as at District Music Contest. Concert Choir will perform in 2-3 concerts throughout the school year and may perform with other professional ensembles at functions throughout the community. In addition to the large ensemble, students will have the opportunity to audition for extracurricular choral activities such as Nebraska All-State, District Music Contest, all-school musical, and Titanium show choir.

Vocal Music (Continued)

Course Title:	TREBLE CHOIR
Course Number:	FA64
Former Course:	Varsity Treble Choir
Duration:	Two Semesters/Two Credits
Grade:	10-12
Fees:	An activity ticket is required to participate in competition. Students in select ensembles pay for their own costumes.
Note:	Successful Audition

Aligned with the Nebraska Fine Arts Standards and National Association for Music Education, Treble Choir is an auditioned ensemble open to all 10th-12th grade students who have the desire to sing in a large choral ensemble. Treble Choir will learn and perform a diverse selection of music literature at several concerts throughout the year, as well as at District Music Contest. Treble Choir will perform in 2-3 concerts throughout the school year and may perform with other professional ensembles at functions throughout the community. In addition to the large ensemble, students will have the opportunity to audition for extracurricular choral activities such as Nebraska All-State, District Music Contest, all-school musical, and Radiance show choir.

Course Title:	ADVANCED PLACEMENT MUSIC THEORY
Course Number:	FA42
Duration:	Two Semesters/Two Credits
Grade:	11-12
Note:	Concurrent enrollment required in band or choir.

Aligned with the Nebraska Fine Arts Standards and National Association for Music Education, AP Music Theory is an introductory college-level music theory course. Students cultivate their understanding of music theory through analyzing performed and notated music as they explore concepts like pitch, rhythm, form, and musical design.

Hospitality, Health Science & Human Services

Hospitality

Course Title:	NUTRITION AND FOOD 1
Course Number:	FS60
Duration:	One Semester/One Credit
Grade:	9-12
Fees:	\$30
Prerequisites:	None

Based on the Nebraska Career and Technical Education Human Sciences & Education Program of Study Standards, this course focuses on human food habits and the importance of the six (6) basic nutrients as related to diet and wellness. In addition, food preparation will also be a topic of study. Students can expect to work together to prepare a variety of foods in various lab experiences.

Hospitality, Health Science & Human Services (continued)

Health Science

Course Title: NUTRITION AND FOOD 2
Course Number: FS61
Duration: One Semester/One Credit
Grade: 9-12
Fees: \$30

Based on the Nebraska Career and Technical Education Human Sciences & Education Program of Study Standards, this course focuses on development of knowledge and skills surrounding food preparation—with a strong emphasis on nutrition and nutritional analysis, balanced diets, and satisfying special dietary needs. The course includes safety and sanitation, proper use of equipment, meal planning and preparation, current food issues, the role of food in the family and global society, and the demonstration of teamwork skills. Students can expect to work with others in various lab settings.

Course Title: PRO START CULINARY ARTS 1
Course Number: FS62
Duration: Two Semesters/Two Credits
Grade Level: 11-12
Prerequisites: Nutrition and Food 1
Fees: \$75
Note: Administration may add 10th graders as enrollment allows

Based on the Nebraska Career and Technical Education Human Sciences & Education Program of Study Standards, ProStart Culinary Arts 1 provides preparation for careers in the foodservice and hospitality industry. This year-long course includes skill development in commercial food production, management, and service. Topics of study include foods and nutrition, safety and sanitation standards, and commercial food preparation skills. Students will have opportunities to compete in culinary and management competitions as well as earn industry certification (ServSafe Sanitation Certificate).

Course Title: PRO START CULINARY ARTS 2
Course Number: FS63
Duration: Two Semesters/Two Credits
Grade Level: 12
Prerequisites: Pro Start Culinary Arts 1
Fees: \$75
Note: Administration may add 10th graders as enrollment allows

Based on the Nebraska Career and Technical Education Human Sciences & Education Program of Study Standards, ProStart Culinary Arts 2 provides exploration of and preparation for careers in the food service hospitality industry. Topics of study include marketing, purchasing, inventory, cost control, nutrition, and global cuisine. Students will continue developing skills in food production, catering, and customer service. Students will have opportunities to compete in culinary and management competitions as well as earn industry certification.(ServSafe Sanitation Certificate).

Course Title: HEALTH SCIENCE 1 - INTRO TO HEALTH CAREERS
Course Number: FS10
Course Length: One Semester/One Credit
Grade Level: 9 -12

Based on the Nebraska Career and Technical Education Health Sciences Program of Study Standards, Intro to Health Careers focuses on developing an awareness of the various health care skill standards needed for employment in health careers. Introduction to Health Careers is designed to give an overview of the therapeutic, diagnostic, support, health informatics, and biotechnology research systems of the healthcare industry.

Hospitality, Health Science & Human Services (continued)

Course Title: HEALTH SCIENCE 2 - MEDICAL TERMINOLOGY
Course Number: FS65
Duration: One Semester/One Credit
Grade: 11 -12
Note: Biology or Honors Biology prior is recommended

Based on the Nebraska Career and Technical Education Health Sciences Program of Study Standards, Medical Terminology is designed to help students identify, spell, and define medical terms related to the diagnoses, pathology, and treatment of the major body systems. Students will use this as a basic foundation to all health career pathways. Medical Terminology and Anatomy and Physiology complement each other well. Anatomy and Physiology concentrates on the body functioning properly, while Med Terms concentrates on bodily problems, such as disease and injury.

Course Title: EXPLORING THE CLINICAL LAB
Course Number: FS68
Duration: One Semester/One Credit
Grade: 10 -12
Note: Biology and Introduction to Health Careers are recommended
This course will fulfill the graduation requirement for Computer Science.

Based on the Nebraska Career and Technical Education Health Sciences Program of Study Standards, Exploring the Clinical Lab focuses on work performed in a variety of laboratory disciplines: sports medicine, veterinary medicine, medical imaging, pathology, forensic science, dental science, agriculture science, and serology (blood and other body fluids). While conducting the labs, students will investigate the careers related to these disciplines, hone their laboratory procedural skills, sharpen their ability to analyze and communicate data, and examine the legal and ethical dimensions of lab work. Students will also spend time in the community shadowing lab professionals at work.

Human Services

Course Title: HUMAN DEVELOPMENT AND RELATIONSHIPS
Course Number: FS01
Duration: One Semester/One Credit
Grade: 9-12
Prerequisites: None

Based on the Nebraska Career and Technical Education Human Sciences & Education Program of Study Standards, this course explores an individual's physical, mental, emotional, and social needs through the entire life span. This course includes how to develop positive interactions with families, peers, and society. In addition, students will learn about community resources related to human relationships and family issues. Units of study will include the following: a closer look at you, family, relationships, and community/society.

Course Title: EARLY CHILDHOOD DEVELOPMENT 1
Course Number: FS50
Duration: One Semester/One Credit
Grade: 9-12
Prerequisites: None

Based on the Nebraska Career and Technical Education Human Sciences & Education Program of Study Standards, this course provides students with a basic knowledge of human development from conception through the first year of life. The course includes study of the conditions that influence growth and development from the family and parenting perspective; identification and practice of basic child care techniques; and, exploration of the physical, emotional, social, intellectual, and behavioral characteristics of infants. Units of study include family structures, pregnancy and prenatal care, the first year of life, and preparation for parenthood. Students can expect how to prepare for childcare careers and parenting.

Hospitality, Health Science & Human Services (continued)

Course Title: EARLY CHILDHOOD DEVELOPMENT 2
Course Number: FS51
Duration: One Semester/One Credit
Grade: 9-12
Prerequisites: Early Childhood Development 1

Based on the Nebraska Career and Technical Education Human Sciences & Education Program of Study Standards, this course focuses on human development from toddlers through school age children. The class explores conditions that influence that growth and development from the family and caregiver perspective. The identification and practice of basic child care techniques, exploration of the physical, emotional, social, intellectual, and behavioral characteristics of younger children will help prepare students for childcare careers and parenting. Units of study include creating learning environments & activities, interacting with children in a productive manner. Students can expect how to prepare for childcare careers and parenting.

English

All Students must successfully complete (8) English credits.

- (2) English 9, Honors English 9
- (2) English 10, Honors English 10
- (2) English 11, Honors English 11 or AP Language and Composition
- (2) English 12 or equivalent

Course Title: ENGLISH 9
Course Number: LA09
Duration: Two Semesters/Two Credits
Grade: 9
Prerequisites: None
Note: Two semesters of English 9 are required for graduation.

Built from the 2021 Nebraska Department of Education Standards for English Language Arts, this comprehensive course provides students with an in-depth, rigorous, on-level experience. Topics of teaching and learning will include the reading and analysis of complex prose, poetry, and informational texts from a variety of traditional & modern global authors; writing development through a variety of modes and a recursive process; vocabulary development through the study of complex texts; and, speaking and listening development, both collaborative and individual. Students can expect to read, analyze, and write on a daily basis. Students can expect to apply those skills while developing their vocabularies, participating in classroom & small group discussions, and by speaking individually to audiences of their teachers & peers on a regular basis.

English (continued)

Course Title:	HONORS ENGLISH 9
Course Number:	LA13
Duration:	Two Semesters/Two Credits
Grade:	9
Note:	This is a grade-weighted class and recommended for students who may wish to take a future Advanced Placement (AP) English class. Two semesters of English 9 are required for graduation; and, Honors English 9 fulfills this requirement.

Built from the 2021 Nebraska Department of Education Standards for English Language Arts, this challenging, comprehensive course provides students with an in-depth, rigorous, differentiated experience. Topics of teaching and learning will include the reading and analysis of complex prose, poetry, and informational texts from a variety of traditional & modern global authors; writing development through a variety of modes and a recursive process; vocabulary development through the study of complex texts; and, speaking and listening development, both collaborative and individual. Students can expect to read, analyze, and write on a daily basis. Students can expect to apply those skills while developing their vocabularies, participating in classroom & small group discussions, and by speaking individually to audiences of their teachers & peers on a regular basis as differentiated from the on-level course by content, processes, and products.

Course Title:	ENGLISH 10
Course Number:	LA10
Duration:	Two Semesters/Two Credits
Grade:	10
Note:	Two semesters of English 10 are required for graduation.

Built from the 2021 Nebraska Department of Education Standards for English Language Arts, this comprehensive course provides students with an in-depth, rigorous, on-level experience. Topics of teaching and learning will include the reading and analysis of complex prose, poetry, and informational texts from a variety of traditional & modern global authors; writing development through a variety of modes and a recursive process; vocabulary development through the study of complex texts; and, speaking and listening development, both collaborative and individual. Students can expect to read, analyze, and write on a daily basis. Students can expect to apply those skills while developing their vocabularies, participating in classroom & small group discussions, and by speaking individually to audiences of their teachers & peers on a regular basis.

Course Title:	HONORS ENGLISH 10
Course Number:	LA14
Duration:	Two Semesters/Two Credits
Grade:	10
Note:	This is a grade-weighted class and recommended for students who may wish to take a future Advanced Placement (AP) English class. Two semesters of English 9 are required for graduation; and, Honors English 9 fulfills this requirement.

Built from the 2021 Nebraska Department of Education Standards for English Language Arts, this challenging, comprehensive course provides students with an in-depth, rigorous, differentiated experience. Topics of teaching and learning will include the reading and analysis of complex prose, poetry, and informational texts from a variety of traditional & modern global authors; writing development through a variety of modes and a recursive process; vocabulary development through the study of complex texts; and, speaking and listening development, both collaborative and individual. Students can expect to read, analyze, and write on a daily basis. Students can expect to apply those skills while developing their vocabularies, participating in classroom & small group discussions, and by speaking individually to audiences of their teachers & peers on a regular basis as differentiated from the on-level course by content, processes, and products.

English (continued)

Course Title: ENGLISH 11
Course Number: LA11
Duration: Two Semesters/Two Credits
Grade: 11-12
Prerequisites: None

Built from the 2021 Nebraska Department of Education Standards for English Language Arts, this comprehensive course provides students with an in-depth, rigorous, on-level experience. Topics of teaching and learning will include the reading and analysis of complex prose, poetry, and informational texts from a variety of traditional & modern American authors; writing development through a variety of modes and a recursive process; vocabulary development through the study of complex texts; and, speaking and listening development, both collaborative and individual. Students can expect to read, analyze, and write on a daily basis. Students can expect to apply those skills while developing their vocabularies, participating in classroom & small group discussions, and by speaking individually to audiences of their teachers & peers on a regular basis.

Course Title: ADVANCED PLACEMENT LANGUAGE AND COMPOSITION
Course Number: LA74
Duration: Two Semesters/Two Credits
Grade: 11
Prerequisites: Honors English 10 or English 10
Note: This is a grade-weighted course. This class may be offered as dual enrollment for college credit through Nebraska Wesleyan. Please see your instructor for details

AP English Language and Composition is an introductory college-level composition course. Students cultivate their understanding of writing and rhetorical arguments through reading, analyzing, and writing texts as they explore topics like rhetorical situation, claims and evidence, reasoning and organization, and style. Students will be introduced to the skills necessary for taking the AP English examination in Language and Composition, which requires an extra fee. Those who choose to take the optional qualifying test and successfully pass it may receive college credit for the work completed contingent on the college the student chooses to attend. In addition, students may opt to earn university credit by dual enrolling if dual enrollment is offered. Summer reading is required.

Course Title: ENGLISH 12 - BRITISH LITERATURE AND COMPOSITION
Course Number: LA45
Duration: Two Semesters/Two Credits
Grade: 12 (may be taken in addition to English 11 in Grade 11)
Prerequisites: None
Note: This course is recommended for students with acute interest and/or 4-year college/university aspirations.

Built from the 2021 Nebraska Department of Education Standards for English Language Arts, this year-long, challenging, comprehensive course provides college-bound students with an in-depth, rigorous experience. Topics of teaching and learning will include the reading and analysis of complex prose, poetry, and informational texts from a variety of British authors; writing development through a variety of modes and a recursive process; vocabulary development through the study of complex texts; and, speaking and listening development, both collaborative and individual. Students can expect to read, analyze, and write on a daily basis. Students can expect to apply those skills while developing their vocabularies, participating in classroom & small group discussions, and by speaking individually to audiences of their teachers & peers on a regular basis. The course is most suited for students with 4-year college aspirations.

English (continued)

Course Title:	ENGLISH 12 - WORLD LITERATURE AND COMPOSITION
Course Number:	LA46
Duration:	Two Semesters/Two Credits
Grade:	12 (may be taken in addition to English 11 in Grade 11)
Prerequisites:	None
Note:	This course is recommended for students with acute interest and/or 4-year college/university aspirations.

Built from the 2021 Nebraska Department of Education Standards for English Language Arts, this year-long comprehensive course provides college-bound students with an in-depth, rigorous experience. Topics of teaching and learning will include the reading and analysis of complex prose, poetry, and informational texts from a variety of global authors; writing development through a variety of modes and a recursive process; vocabulary development through the study of complex texts; and, speaking and listening development, both collaborative and individual. Students can expect to read, analyze, and write on a daily basis. Students can expect to apply those skills while developing their vocabularies, participating in classroom & small group discussions, and by speaking individually to audiences of their teachers & peers on a regular basis. The course is most suited for students with 4-year college aspirations.

Course Title:	ADVANCED PLACEMENT LITERATURE AND COMPOSITION
Course Number:	LA73
Duration:	Two Semesters/Two Credits
Grade:	12
Notes:	Successful completion of English 11 or Honors English 11 or AP English recommended This is a grade-weighted course. This class may be offered as dual enrollment for college credit through Nebraska Wesleyan. Summer reading is required. Please see your instructor for details.

AP English Literature and Composition is an introductory college-level literary analysis course. Students cultivate their understanding of literature through reading and analyzing texts as they explore concepts like character, setting, structure, perspective, figurative language, and literary analysis in the context of literary works. Students will be introduced to the skills necessary for taking the Advanced Placement English Examination in Literature and Composition or dual enrollment, both of which require an additional fee. Students are expected to be active class participants. Summer reading is required.

Course Title:	ENGLISH 12 - ESSENTIAL LITERATURE AND COMPOSITION
Course Number:	LA52
Duration:	One Semester/One Credit
Grade:	12 (may be taken in addition to English 11 in grade 11)
Prerequisites:	None

Built from the 2021 Nebraska Department of Education Standards for English Language Arts, this semester-long, comprehensive course provides students with an in-depth, rigorous, on-level experience. Topics of teaching and learning will include the reading and analysis of complex prose, poetry, and informational texts from a variety of essential authors as influenced by the College Board, college expectations, the American Library Association; writing development through a variety of modes and a recursive process; vocabulary development through the study of complex texts; and, speaking and listening development, both collaborative and individual. Students can expect to read, analyze, and write on a daily basis. Students can expect to apply those skills while developing their vocabularies, participating in classroom & small group discussions, and by speaking individually to audiences of their teachers & peers on a regular basis.

English (continued)

Course Title: ENGLISH 12—21st CENTURY READING AND COMPOSITION
Course Number: LA76
Duration: One Semester/One Credit
Grade: 12 (may be taken in addition to English 11 in grade 11)
Prerequisites: None

Built from the 2021 Nebraska Department of Education Standards for English Language Arts, this semester-long, comprehensive course provides students with an in-depth, rigorous, on-level experience. Topics of teaching and learning will include the reading and analysis of complex prose, poetry, and culturally informational texts from a variety of high-interest, 21st-century authors; writing development through practical, student-relevant modes (i.e. college application essay, college or work resume, movie screenplay) and a recursive process; vocabulary development through the study of complex texts; and, speaking and listening development, both collaborative and individual. Students can expect to read, analyze, and write on a daily basis. Students can expect to apply those skills while developing their vocabularies, participating in classroom & small group discussions, and by speaking individually to audiences of their teachers & peers on a regular basis.

Course Title: MULTICULTURAL PERSPECTIVES IN LITERATURE AND COMPOSITION
Course Number: LA54
Duration: One Semester/One Credit
Grade: 12 (may be taken in addition to English 11 in grade 11)
Prerequisites: None

Built from the 2021 Nebraska Department of Education Standards for English Language Arts, this semester-long comprehensive course provides students with an in-depth, rigorous, on-level experience. Topics of teaching and learning will include the reading and analysis of complex prose, poetry, and informational texts considering the perspectives from a variety of authors from multicultural backgrounds; writing development through a variety of modes and a recursive process; vocabulary development through the study of complex texts; and, speaking and listening development, both collaborative and individual. Students can expect to read, analyze, and write on a daily basis. Students can expect to apply those skills while developing their vocabularies, participating in classroom & small group discussions, and by speaking individually to audiences of their teachers & peers on a regular basis.

Course Title : MULTICULTURAL EXPERIENCES IN LITERATURE & COMPOSITION
Course Number: LA55
Duration: One Semester/One Credit
Grade: 12 (may be taken in addition to English 11 in grade 11)
Prerequisites: None

Built from the 2021 Nebraska Department of Education Standards for English Language Arts, this semester-long, comprehensive course provides students with an in-depth, rigorous, on-level experience. Topics of teaching and learning will include the reading and analysis of sets of complex prose, poetry, and informational texts that thread together the experiences of various authors of diverse backgrounds; writing development through a variety of modes and a recursive process; vocabulary development through the study of complex texts; and, speaking and listening development, both collaborative and individual. Students can expect to read, analyze, and write on a daily basis. Students can expect to apply those skills while developing their vocabularies, participating in classroom & small group discussions, and by speaking individually to audiences of their teachers & peers on a regular basis.

Mathematics

Course Title: ALGEBRA 1
Course Number: MA05
Duration: Two Semesters/Two Credits
Grade: 9

This course will provide the basic foundation for all other high school math courses. Algebra I benefits students that are planning to enter vocational careers and/or post-secondary schools. Areas of study include fundamental algebra operations and their connections to the study of other branches of math. Students will experience math as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

Course Title: INTEGRATED MATHEMATICS
Course Number: MA17
Duration: Two Semesters/Two Credits
Grade: 11-12
Prerequisite: Geometry
NOTE: This course does not qualify as a prerequisite for Algebra 2. Students who successfully complete 1 or 2 semesters of Algebra 2 may NOT take integrated Math for Credit.
Intended for: Students who do not plan to attend a 4 year college or university

Integrated Mathematics emphasizes practical applications in Algebra and Geometry. Formulas, variations, probability, data manipulation, measurement, conversions, proportional reasoning, basic trigonometry, area of figures, surface area and volume include many of the topics covered. This course is hands-on and project based.

Course Title: GEOMETRY
Course Number: MA21
Duration: Two Semesters/Two Credits
Grade: 10-12
Prerequisite: Algebra 1

Geometry will focus on the development of reasoning and problem solving skills, not necessarily mathematical in nature. Topics of study include review of selected algebraic skills (graphing, radicals, etc.), planar and spatial visualization, inductive and deductive reasoning, properties of various geometric figures (triangles, quadrilaterals, circles, etc.) and the continuous investigation of the relationships between Algebra and Geometry.

Course Title: HONORS GEOMETRY (For 10th and 11th Grade only)
Course Number: MA22
Duration: Two Semesters/Two Credits
Grade: 10-11
Prerequisite: Algebra 1
Intended for: College-bound students.
Note: This is a grade-weighted course. Completion of a skills packet over the summer is recommended.

Honors Geometry will focus on the development of reasoning and problem solving skills, not necessarily mathematical in nature. Topics of study include inductive and deductive reasoning, special reasoning, proportional reasoning, and specific polygons and circles and their properties. Also, the concepts of three-dimensional geometry are integrated with plane geometry throughout the course. Honors Geometry places an emphasis on algebra concepts including writing equations of lines, solving systems of equations, solving advanced linear equations and coordinate problems. For this reason, a strong background in algebra is highly recommended because connections between algebra and geometry are routinely made in this course. This course will closely parallel the Geometry course, but most topics will receive more in-depth treatment and include more challenging problems.

Mathematics (continued)

Course Title:	HONORS GEOMETRY (For 9th Grade only)
Course Number:	MA06
Duration:	Two Semesters/Two Credits
Grade:	9 only
Prerequisite:	Algebra 1
Note:	This is a grade-weighted course. Completion of a skills review packet over the summer is recommended.

Honors Geometry will focus on the development of reasoning and problem-solving skills, not necessarily mathematical in nature. Topics of study include inductive and deductive reasoning, special reasoning, proportional reasoning, and specific polygons and circles and their properties. Also, the concepts of three-dimensional geometry are integrated with plane geometry throughout the course. Honors Geometry places an emphasis on algebra concepts including writing equations of lines, solving systems of equations, solving advanced linear equations and coordinate problems. For this reason, a strong background in algebra is highly recommended because connections between algebra and geometry are routinely made in this course. This course will closely parallel the Geometry course, but most topics will receive more in-depth treatment and include more challenging problems.

Course Title:	ALGEBRA 2
Course Number:	MA02
Duration:	Two Semesters/Two Credits
Grade:	10-12
Prerequisite:	Geometry or Honors Geometry
Note:	This course by itself is NOT adequate preparation for Precalculus.

Algebra 2 is designed for students who are planning to pursue post-secondary education in an area of study that does not require calculus-based mathematics. Major areas of study include a review of open sentences in one and two variables, polynomials and factoring, rational numbers and expressions, relations and functions, irrational numbers and quadratics, quadratic relations and systems, exponential functions and logarithms, and complex numbers.

Course Title:	HONORS ALGEBRA 2
Course Number:	MA03
Duration:	Two Semesters/Two Credits
Grade:	9-12
Prerequisite:	Honors Geometry
Note:	This is a grade-weighted course. Completion of a skills review packet over the summer is recommended.

Honors Algebra 2 is designed for students preparing for advanced courses in science, engineering, and mathematics. Major areas of study include a review of open sentences in one and two variables, polynomials and factoring, rational numbers and expressions, relations and functions, irrational numbers and quadratics, quadratic relations and systems, exponential functions and logarithms, complex numbers, and an introduction to trigonometric functions.

Mathematics (continued)

Course Title: **PROBABILITY AND STATISTICS**
Course Number: MA30
Duration: One Semester/One Credit
Grade: 11-12
Prerequisite: Algebra 2 or Honors Algebra 2

This is a one-semester course designed to study the basic concepts of probability and statistics. This course will include the study of graphical and numerical methods for analyzing data, rules of probability, probability distributions, normal distributions, sampling techniques, and estimations.

Course Title: **ALGEBRA 3**
Course Number: MA33
Duration: Two semesters
Grade: 11-12
Prerequisite: Algebra 2 or Honors Algebra 2

This course is designed for students who need to enhance their algebraic skills to prepare for College Algebra. It is an alternative or prerequisite to Pre-calculus. This course is intended for those students who plan to continue their education beyond high school, but do not plan to major in the areas of science, mathematics, or engineering. Topics addressed include polynomial and rational functions and inequalities, various types of functions, logarithms, matrices and trigonometry.

Course Title: **HONORS PRECALCULUS WITH TRIGONOMETRY**
Course Number: MA40
Duration: Two Semesters/Two Credits
Grade: 10-12
Prerequisite: Honors Algebra 2 or Algebra 3
Note: This is a grade-weighted course. Use of a graphing calculator is required. See the instructor for information about models prior to making a purchase. Completion of a skills review packet over the summer is recommended.

This is a grade-weighted course. Use of a graphing calculator is required. See the instructor for more information regarding specific models prior to purchasing. Honors Pre-Calculus is designed to prepare students for Calculus or other college mathematics courses in addition to standardized tests, college entrance exams, and the first year of college math. The major areas of study include: 1) functions, (linear, quadratic, polynomial, rational, exponential, logarithmic), 2) Trigonometry, 3) polar coordinates, 4) vectors, 5) analytic Geometry, 6) systems, 7) sequences, 8) introductory Calculus. This course will stress the theory and applications of such topics allowing the student to develop the necessary understanding to be successful.

Mathematics (continued)

Course Title:	ADVANCED PLACEMENT STATISTICS
Course Number:	MA32
Duration:	Two Semesters/Two Credits
Grade:	12
Prerequisite:	Honors Algebra 2 or Algebra 3 or Probability & Statistics. (Juniors should not take this course before Honors Pre-Calculus; seniors may take this course in conjunction with AP Calculus)
Intended for:	College-bound student
Note:	This is a grade-weighted course. Use of a graphing calculator is required. See the instructor for information about models prior to making a purchase. Completion of a skills review packet over the summer is recommended.

AP Statistics is an introductory college-level statistics course that introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students cultivate their understanding of statistics using technology, investigations, problem solving, and writing as they explore concepts like variation and distribution; patterns and uncertainty; and data-based predictions, decisions, and conclusions. Students may elect to pay to take the optional AP exam in the spring for college credit.

Course Title:	ADVANCED PLACEMENT CALCULUS A/B
Course Number:	MA41
Duration:	Two Semesters/Two Credits
Grade:	11-12
Prerequisite:	Honors Pre-Calculus
Intended for:	College-bound student
Note:	This is a grade-weighted course. Use of a graphing calculator is required. See the instructor for information about models prior to making a purchase. Completion of a skills review packet over the summer is recommended.

AP Calculus AB is an introductory college-level calculus course. Students cultivate their understanding of differential and integral calculus through engaging with real-world problems represented graphically, numerically, analytically, and verbally and using definitions and theorems to build arguments and justify conclusions as they explore concepts like change, limits, and the analysis of functions. Students may elect to pay to take the optional AP exam in the spring for college credit or take the course in conjunction with a local university for dual credit.

Title:	ADVANCED PLACEMENT CALCULUS B/C
Course Number:	MA42
Duration:	Two semesters/Two credits
Grade:	12
Prerequisite:	AP Calculus AB
Intended for:	College bound student
Note:	This is a grade-weighted course. This class may be offered as a dual enrollment for college credit. Please see your instructor for details. Completion of a skills review packet over the summer is recommended.

AP Calculus BC is an introductory college-level calculus course. Students cultivate their understanding of differential and integral calculus through engaging with real-world problems represented graphically, numerically, analytically, and verbally and using definitions and theorems to build arguments and justify conclusions as they explore concepts like change, limits, and the analysis of functions. Students may elect to pay to take the optional AP exam in the spring for college credit or take the course in conjunction with a local university for dual credit.

Naval Junior Reserve Officer Training Corps

Our goals are to provide an opportunity for secondary school students to learn about the elements and requirements for national security and their personal obligations as American citizens to contribute toward national security. We encourage our students to get involved in their local communities to produce well-informed and helpful citizens.

Course Title: NAVAL JUNIOR RESERVE OFFICERS TRAINING CORPS (NJROTC) 1
Course Number: RO00 (S1) and RO01(S2)
Duration: Two Semesters/First Semester NJROTC credit/Second Semester PE credit
Grade: 9-10

Naval Science I is designed to introduce students to the precepts of citizenship, the elements of leadership, and the value of scholarship in attaining life goals. We also instruct cadets on military drill and ceremonies, uniform regulations, wellness, fitness, first aid, geography, map skills and environmental awareness. Due to the wellness, fitness, and first aid unit, as well as the physical training throughout the year, satisfactory completion of the second semester will gain one PE credit.

Course Title: NAVAL JUNIOR RESERVE OFFICERS TRAINING CORPS (NJROTC) 2
Course Number: RO02
Duration: Two Semesters/Two Credits
Grade: 10-12
Prerequisites: Successful completion of NJROTC 1 and/or with Naval Science Instructor approval

Naval Science II is designed to engender a sound understanding of maritime geography as it relates to our national resources, landforms, climate, soiled bodies of water, people, governments, military, and geopolitics. This course is also designed to engender a sound appreciation for the heritage and traditions of America, with recognition that the historically significant role of sea power will be important in America's future, and develop in each cadet a growing sense of pride in his/her organization, associates, and self.

Course Title: NAVAL JUNIOR RESERVE OFFICERS TRAINING CORPS (NJROTC) 3
Course Number: RO03
Duration: Two Semesters/Two Credits
Grade: 10-12
Prerequisites: Successful completion of NJROTC 1 and/or with Naval Science Instructor approval
Intended for: All students interested in NJROTC

Naval Science III is designed to develop an understanding and the importance of sea power and national security, naval operations and support functions, military law, and international law and the sea. We also build on the general instruction provided in NS 1, to further develop the traits of watch standing and introduce cadets to the technical areas of naval science study.

Course Title: NAVAL JUNIOR RESERVE OFFICERS TRAINING CORPS (NJROTC) 4
Course Number: RO04
Duration: Two Semesters/Two Credits
Grade: 10-12
Prerequisites: Successful completion of NJROTC 1, 2 and 3 and/or with Naval Science Instructor approval
Intended for: Students that have completed 3 years of NJROTC or JROTC classes

Naval Science IV is designed to build on the basic qualities of a good follower and an effective leader provided in NS 1, NS2 and NS3. We take a more in-depth look at what leadership is, and how to maximize the cadet's abilities in the leadership area.

Physical Education

Course Title: INTRODUCTION TO PHYSICAL EDUCATION & HEALTH
Course Number: PE14
Duration: One Semester/One Credit
Grade: 9
Required for: All students—take for credit one time
Prerequisites: None

This is a required introductory high school physical education class. Students will be introduced to high school physical education by taking a course that focuses on healthy living, fitness, and weight training.

Course Title: INDOOR/OUTDOOR PE
Course Number: PE13
Duration: One Semester/One Credit
Grade: 9-10
Prerequisites: None
Note: Limited to two semesters for credit

This course is designed to teach basic individual, team and fitness activities for a healthy lifestyle. This course's activities vary based on the time of the year and weather conditions, which include but are not limited to softball, flag football, tennis, soccer, basketball, volleyball, badminton, and floor hockey. This course will introduce students to a variety of individual and team activities they can participate in for life.

Course Title: CROSS TRAINING WITH CARDIOVASCULAR EMPHASIS
Course Number: PE22
Duration: One Semester/One Credit
Grade: 9-12
Prerequisites: None

Cross Training with Cardiovascular (Aerobic) Emphasis focuses on improving a person's flexibility, cardiovascular endurance and muscular endurance, leading to a healthy lifestyle. This class will allow students to improve their aerobic/anaerobic endurance. It will teach students to develop the five physical fitness components (flexibility, muscular strength and endurance, cardiovascular endurance, and body composition). Activities include, but are not limited to: step aerobics, body pump, Taebo, Bootcamp, pilates, yoga and a variety of other workouts.

Course Title: CROSS TRAINING WITH STRENGTH EMPHASIS
Course Number: PE23
Duration: One Semester/One Credit
Grade: 9-12
Prerequisites: None

Cross Training with Strength Emphasis focuses on improving a person's muscular strength/endurance and cardiovascular endurance, leading to a healthy lifestyle. This class will allow students to improve their muscular strength/endurance. It will teach students to develop the five physical fitness components (flexibility, muscular strength and endurance, cardiovascular endurance, and body composition). Activities include, but are not limited to the use of dumbbells, body bars, stability balls, medicine balls, heart rate monitors and body weight exercises.

Physical Education (continued)

Course Title: BEGINNING WEIGHT TRAINING AND FITNESS
Course Number: PE49
Duration: One Semester/One Credit
Grade: 9-12
Prerequisites: None

The students will be introduced to fundamental weight training concepts and lifts involved in increasing strength and power to improve athletic performance and promote life-time physical fitness. This class will provide the importance of lifting, proper lifting techniques, and safety.

Course Title: INTERMEDIATE / RECREATIONAL WEIGHT TRAINING AND FITNESS
Course Number: PE50
Duration: One Semester/One Credit
Grade: 9-12
Intended for: All students who are recreational weightlifters.

This class is designed to build on the learning experiences gained from Beginning Weight Training and Fitness. The students will increase strength and power by focusing on weight training to improve athletic performance and promote life-time physical fitness. This class will allow students to learn and perform activities to gain power, strength, speed, agility and cardiovascular endurance.

Course Title: ATHLETIC WEIGHT TRAINING AND CONDITIONING
Course Number: PE51
Duration: One Semester/One Credit
Grade: 10-12
Prerequisites: Beginning Weight Training and Fitness strongly recommended; teacher approval required

This class focuses on strength, power and conditioning associated with improved athletic performance. This class allows athletes to learn and perform lifts and cardiovascular activities that are specific to improvement of athletic performance.

Course Title: LIFETIME ACTIVITIES AND FITNESS
Course Number: PE31
Duration: One Semester/One Credit (Limited to one semester for credit)
Grade: 11-12
Prerequisites: None

This course is designed to teach basic skills in lifetime leisure activities. Students will learn lifestyle fitness concepts through participating in various activities. The purpose of this course is to introduce students to lifetime activities and benefits and impacts they will have throughout their life. Activities include tennis, golf, frisbee, basketball, horseshoes, softball, volleyball and badminton.

Physical Education (continued)

Course Title: **SPORTS OFFICIATING**
Course Number: PE61
Duration: One Semester/One Credit (Limited to one semester for credit)
Grade: 11-12
Prerequisites: None

This course is designed to offer students the coursework and experience necessary to become an official in a variety of major sports, including, but not limited to football, soccer, volleyball, basketball, baseball, and softball. Coursework will include classroom activities, field experiences, guest speakers and video lessons. This course will provide students with opportunity to learn and practice skills necessary to officiate athletic contests. Upon successful completion of this class, students interested in employment may pursue NSAA certification at their cost.

Course Title: **INDIVIDUALIZED PHYSICAL EDUCATION**
Course Number: PE40
Duration: One Semester/One Credit
Grade: 9-12
Prerequisites: Permission required

Individualized PE is designed for students who will benefit more from an individualized and/or developmental physical education program. This may be due to some physical, mental, social, or emotional reason or circumstance. Individualized learning is made possible through trained student-peer tutors who work with the exceptional students under the guidance of the instructor. Individualized PE provides the opportunity for students to improve at their own pace. Purpose: The purpose of our program is to prepare students with the knowledge and skills to pursue an active, healthy lifestyle.

Science

Science Pathways

<u>9th Grade</u>	<u>10th Grade</u>	<u>11th Grade</u>	<u>12th Grade</u> HIGHLY ENCOURAGE
Biology →	*Physical Science →	Elective Science (rec: Chem) →	Elective Science
<u>Bio</u> →	<u>Chemistry</u> →	<u>Physics</u> →	<u>Elective Science</u>
<i>Hon Biology</i> →	<i>Hon. Chemistry</i> →	<i>AP Physics 1</i> →	<i>Elective AP Chem, AP Bio, Other</i>

KEY:

- **Students with general science interest but earned a D or lower in Algebra 1**
 - ***Physical Science is to be considered for very few students & as a bridge class between Biology & Chemistry.**
- Students with general science interest, including a desire to attend 2-year or 4-year college
- *Students with proclaimed interest in science & or wanting to go into a science field in college*

Important Shift:

- Emphasis the pathway of Biology-Chemistry-Physics for the vast majority of PLCS students.

Course Title: **BIOLOGY**
Course Number: SC09
Duration: Two Semesters/Two Credits
Grade: 9
Note: Two semesters of Biology are required for graduation.

Biology is a required on-level, inquiry-based class designed for all students regardless of their post-secondary plans. This course will focus on the following standards-based topics related to living systems: Ecology, Genetics, Cells, Evolution, and the Formation of the Universe. The broad biological background provided by this course will compel students to make informed decisions about the world around them. Students will analyze problems, generate real world solutions, and improve upon their oral and written communication skills.

Course Title: **HONORS BIOLOGY**
Course Number: SC10
Duration: Two Semesters/Two Credits
Grade: 9
Note: This is a grade-weighted course. Two semesters of Biology are required for graduation.

Honors Biology is an inquiry-based course designed for the student with an acute interest in science and can be a preparatory course for Advanced Placement (AP) Biology. This course will focus on the following standards-based topics related to living systems: Ecology, Genetics, Cells, Evolution, and the Formation of the Universe. Through differentiated content, processes, and products, the broad and deep biological background provided by this course will compel students to make informed decisions about the world around them. Students will analyze problems, generate real world solutions, and improve upon their oral and written communication skills.

Course Title: **PHYSICAL SCIENCE**
Course Number: SC60
Duration: Two Semesters/Two Credits
Grade: 10
Prerequisite: Administrator approval required for registration.
Note: Not recommended for students with 2-year or 4-year college aspirations.
 Administrative approval required for registration

Physical Science is the study of matter and energy and the relationship of each to the other. This class will give students a broad background in both Physics and Chemistry. Physics topics will include motion, force, energy, waves and energy transfer in earth systems. Topics covered in Chemistry are classification of matter, atomic structure, periodic table and chemical reactions.

Science (continued)

Course Title: HONORS PHYSICAL SCIENCE (Online)
Course Number: SC63
Duration: Two Semesters/Two Credits
Grade: 10

Honors Physical Science is the study of matter and energy and the relationship of each to the other. This class will give students a broad background in both Physics and Chemistry. Physics topics will include motion, force, energy, waves and energy transfer in earth systems. Topics covered in Chemistry are classification of matter, atomic structure, periodic table and chemical reactions. Class format includes independent reading, individual assignments, discussion boards, individual/group projects, and will require occasional labs to be performed in person before or after school. Topics will be organized into modules with some flexibility to complete course activities within given dates.

Online courses provide students with an opportunity to learn in a nearly exclusive online environment, and thus, very different from regular courses. Curriculum is organized online around units known as modules. Students will have some flexibility with time to complete each module but are still expected to meet deadlines. Students will engage with the instructor and other students in a collaborative environment while completing each online course. Class format includes independent reading, individual assignments, discussion boards, individual/group projects/authentic activities, and other multimedia tools to engage students in an online modality. [Students must attend an orientation session for online courses to enroll

Course Title: CHEMISTRY
Course Number: SC40
Duration: Two Semesters/Two Credits
Grade: 10-12
Note: Two semesters of physical science concepts are needed for graduation; Chemistry fulfills that requirement.

Chemistry is an on-level, lab-based class designed for all students regardless of their post-secondary plans. This course will focus on the following standards-based topics: Measurement, Atomic Structure & Periodicity, Chemical Bonding, Chemical Reactions, and Stoichiometry. The broad background provided by this course will empower students to make informed decisions about the world around them. Students will apply mathematical concepts to analyze problems, generate real world solutions, and improve their written communication skills.

Course Title: HONORS CHEMISTRY
Course Number: SC11
Duration: Two Semesters/Two Credits
Grade: 10-12
Notes: Recommended concurrent enrollment in Algebra 2 or higher.
This is a grade-weighted course.

This is a grade-weighted course for students with proclaimed interest in science &/or wanting to go into a science field in college. Honors Chemistry is an above-level, lab-based course intended to prepare students for Advanced Placement (AP) Chemistry and/or AP Biology. Through differentiated content, processes, and products, students will apply mathematical concepts and use higher-order thinking to analyze problems, generate real world solutions, and improve their scientific communication skills.

Science (continued)

Course Title:	PHYSICS
Course Number:	SC50
Duration:	Two Semesters/Two Credits
Grade:	11-12
Notes:	Recommended concurrent enrollment in Algebra 2 Highly recommended for students with 2-year or 4-year college aspirations

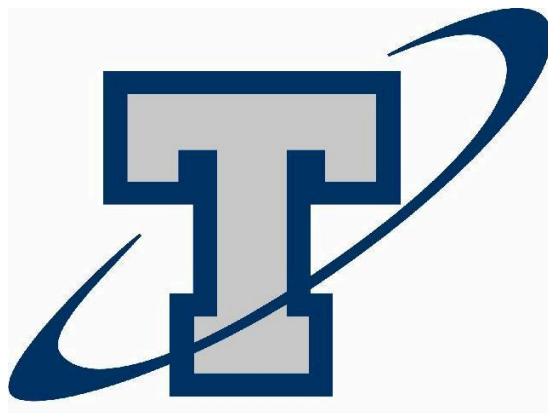
This on-level course covers the concepts of physics via lab experiences and project-based learning. First semester topics include the following: measurement, motion, Newton's Laws, Work Energy, Power and Simple Machines. Second semester topics include the following: Heat Transfer, Sound, Light, Optics, Electricity, and Magnetism.

Course Title:	ENVIRONMENTAL SCIENCE
Course Number:	SC70
Duration:	One Semester/One Credit
Grade:	11-12
Prerequisites:	Successful completion of Biology
Intended for:	All students

Environmental Science will develop knowledge and skills needed to make informed decisions regarding environmental issues. This class will provide students with foundational knowledge of biotic and abiotic interactions within ecosystems in addition students will learn about human impact on the environment along with practical conservation and preservation efforts. This course will include hands-on experience, class discussions, simulations, and outside activities. This class will focus on human impacts on the environment and solutions to minimize those impacts.

Course Title:	ASTRONOMY
Course Number:	SC30
Duration:	One Semester/One Credit
Grade:	11-12
Intended for:	All students

Astronomy provides students with a basic knowledge and concepts of astronomy. This course will include hands-on activities, simulations, Internet work and out of class observation. Students will study the moon, sun, stars, stellar evolution, and other concepts in modern astronomy.



Science (continued)

Course Title:	ASTRONOMY (Online)
Course Number:	SC31
Duration:	One Semester/One Credit
Grade:	11-12
Prerequisites:	Successful completion of Physical Science

The course provides students with the basic understanding of concepts in astronomy. Students will study the history of astronomy, our solar system, eclipses, moon phases, telescopes, light, stars, galaxies and the universe. This course will include hands-on activities, simulations, and Internet work. Class format includes independent reading, individual assignments, discussion boards, and other multimedia tools to engage students in an online modality. In-person meetings with instructors may be required and will be scheduled in advance.

Online courses provide students with an opportunity to learn in a nearly exclusive online environment, and thus, very different from regular courses. Curriculum is organized online around units known as modules. Students will have some flexibility with time to complete each module, but are still expected to meet deadlines. Students will engage with the instructor and other students in a collaborative environment while completing each online course. Class format includes independent reading, individual assignments, discussion boards, individual/group projects/authentic activities, and other multimedia tools to engage students in an online modality. Students must attend an orientation session to enroll.

Course Title:	HONORS ANATOMY/PHYSIOLOGY
Course Number:	SC20
Duration:	Two Semesters/Two Credits
Grade:	10 (see note), 11-12
Prerequisites:	Biology or Chemistry completion. 10th grade students must be concurrently enrolled in Honors Chemistry.
Note:	This is a grade-weighted course. Students who take this course as 10th graders cannot go to the Health Systems Academy (CNA pathway).

Honors Anatomy/Physiology is a laboratory course, which will enable the student to understand the structural and functional relationships of the human body. The student will learn anatomical terminology and are expected to spend time outside of class for projects and study. Dissections are part of the course and will prepare those considering careers in medical and health related fields. Topics cover the form and function of the human body's eleven organ systems.

Course Title:	ADVANCED PLACEMENT PHYSICS 1
Course Number:	SC24
Duration:	Two Semesters/Two Credits
Grade:	11-12
Prerequisites:	The College Board recommends the completion of Geometry or Honors Geometry
Notes:	This is a weighted course. This class may be offered as a dual enrollment class through a university. Please see your instructor for details.

AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through classroom study, in-class activity, and hands-on, inquiry-based laboratory work as they explore concepts like systems, fields, force interactions, change, and conservation.

Laboratory Requirement and Lab Notebooks

Laboratory experience must be part of the education of AP Physics students and should be included in all AP Physics courses. Colleges may require students to present their laboratory materials from AP science courses before granting college credit for laboratory, so students are encouraged to retain their laboratory notebooks, reports, and other materials.

Science (continued)

Course Title:	ADVANCED PLACEMENT PHYSICS 2
Course Number:	SC25
Duration:	Two Semesters/Two Credits
Grade:	12
Prerequisites:	Successful Completion of AP Physics 1
Note:	This is a weighted course. This class may be offered as a dual enrollment class through UNO Please see your instructor for details.

AP Physics 2 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through classroom study, in-class activity, and hands-on, inquiry-based laboratory work as they explore concepts like systems, fields, force interactions, change, conservation, waves, and probability.

Laboratory Requirement and Lab Notebooks

Laboratory experience must be part of the education of AP Physics students and should be included in all AP Physics courses. Colleges may require students to present their laboratory materials from AP science courses before granting college credit for laboratory, so students are encouraged to retain their laboratory notebooks, reports, and other materials.

Course Title:	ADVANCED PLACEMENT BIOLOGY
Course Number:	SC22
Duration:	Two Semesters/Two Credits
Grade:	11-12
Prerequisites:	Successful completion of Honors Biology or Biology
Note:	This is a grade-weighted course. This class may be offered as a dual enrollment class through UNO. Please see your instructor for details.

AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore topics like evolution, energetics, information storage and transfer, and system interactions. Students who take this course gain college level skills and have the option of earning college credit through either the AP exam or dual enrollment, both of which require an extra fee. Students must check with colleges for their individual policies regarding AP exams and dual enrollment credits.

Course Title:	ADVANCED PLACEMENT CHEMISTRY
Course Number:	SC21
Duration:	Two Semesters/Two Credits
Grade:	11-12
Prerequisites:	Honors Chemistry or Chemistry, completion or concurrent enrollment in Algebra 2.
Note:	This is a grade-weighted course. To ensure that students have the proper lab experience to prepare them for college, the College Board recommends that students take regular chemistry first, followed by AP chemistry.

AP Chemistry is an introductory college-level chemistry course. Students cultivate their understanding of chemistry through inquiry-based lab investigations as they explore the four Big Ideas: scale, proportion, and quantity; structure and properties of substances; transformations; and energy. Calculator Policy: Starting with the 2022-23 school year (spring 2023 exam), a scientific or graphing calculator is recommended for both sections of the exam. Note that neither the exam format (number of sections, number of questions) nor the science practices or skills are changing. This is strictly a change to the calculator policy. Formal laboratory reports are required and must be in a carbonless lab notebook (can be purchased at Titan Town or online). Students who take this course gain college-level skills and have the option of earning college credit through the AP exam, which requires an extra fee. Students must check with colleges for their individual policies regarding AP exams.

Skilled and Technical Sciences (STS)

Course Title:	INTRODUCTION TO DESIGN, ENGINEERING AND ARCHITECTURE (IDEA)
Course Number:	IA26
Duration:	Two Semester/Two Credits
Grade:	9-11
Prerequisites:	STEM Academy Course - Admittance to STEM academy required.
Note:	This course will fulfill the graduation requirement for Computer Science.

Have you ever tried to design something new or draw up an idea you want to share with your friends and wondered how you could communicate your idea? Or, have you ever wanted to design a new MP3 player or your own dream home? Then Introduction to Design, Engineering and Architecture (IDEA) is the course for you. As you learn about the aspects of engineering and architecture you will apply your knowledge to various problem-solving activities and hands-on projects. The major focus of the course is learning how to turn an idea or need into a manufactured product. Students will have the opportunity to utilize various state of the art CAD software from Autodesk® including: Inventor® a mechanical design software that takes engineers beyond 3D to Digital Prototyping by enabling them to design, visualize, and simulate products before they are ever built, and Revit® Architecture software that helps you take your design from concept model all the way to construction documents by allowing you to sketch freely, create 3D forms quickly, and manipulate forms interactively all within one intuitive environment. IDEA is intended to serve as a foundation course within the STEM Academy course sequence.

Course Title:	CIVIL ENGINEERING AND ARCHITECTURE (CEA)
Course Number:	IA27
Duration:	Two Semester/Two Credits
Grade:	10-12
Prerequisites:	Successful completion of IDEA (Introduction to Design, Engineering and Architecture). Admittance to STEM Academy required.
Note:	This course will fulfill the graduation requirement for Computer Science.

Students taking the CEA course will learn about various aspects of civil engineering and architecture and apply their knowledge to the design and development of residential and commercial properties and structures. The course is structured to enable all students to have a variety of real-world experiences that will provide an overview in the fields related to civil engineering and architecture. Students will work in teams, exploring hands-on projects and activities to learn the characteristics specific to the related fields. In addition, students use state of the art 3D design software from Autodesk® to help design and document solutions for major course projects throughout the year. Students will communicate and present solutions to their peers as well as members of the professional community of engineers and architects. CEA is intended to serve as a course within the STEM Academy course sequence.

Course Title:	ENGINEERING AND ARCHITECTURE DEVELOPMENT (EAD)
Course Number:	IA28
Duration:	Two Semester/Two Credits
Grade:	11-12
Prerequisites:	Successful completion of CEA (Civil Engineering and Architecture) STEM Academy Course. Admittance to STEM Academy required.
Note:	This course will fulfill the graduation requirement for Computer Science.

Students taking EAD will continue to develop their problem solving and critical thinking skills by applying them to various real world experiences in their community. Students will apply engineering and architecture skills to long term projects that encompass team work, sustainable design, presentations skills, the use of graphical materials including various Autodesk® CAD software, model development, cost estimating, and creative, persuasive and technical writing.

Skilled and Technical Sciences (continued)

Course Title:	STEM CAPSTONE
Course Number:	IA29
Duration:	Two Semesters/Two Credits
Grades	12
Prerequisites:	Engineering and Architecture Development (STEM Academy Course). Admittance to STEM Academy required.
Note:	This course will fulfill the graduation requirement for Computer Science.

This course will help students continue to develop problem solving and critical thinking skills by applying them to real-world experiences. Students will apply their engineering and architecture skills to long-term projects that encompass team work; sustainable design; presentation of proposed projects; the use of graphical materials (e.g., Autodesk CAD software); model development; cost estimating, and creative, persuasive, and technical writing. This project can be a continuation of their EAD course project or a new project where the student takes a lead role applying the skills learned through the STEM Academy. Many times this project will be in conjunction with a local business partner who will mentor the student. Final projects will be presented at the end of the year in a symposium.

Course Title:	ROBOTICS 1
Course Number:	IA32
Duration:	One Semester/One Credit
Grade:	9-12
Prerequisites:	None

Students will learn about the following robotic systems:

- Structure
- Motion
- Power
- Sensors
- Control
- Programming
- Engineering
- Problem solving

This will allow students to design and create robots to perform specific tasks. This foundational course will prepare students for Robotics 2.

Course Title:	ROBOTICS 2
Course Number:	IA33
Duration:	One Semester/One Credit
Grade:	9-12
Prerequisites:	Robotics I

Using multiple robotic systems from the list below, students will use engineering and problem-solving skills to design advanced robots.

- Structure
- Motion
- Power
- Sensors
- Control
- Programming
- Engineering
- Problem solving

Skilled and Technical Sciences (continued)

Course Title:	WELDING 1
Course Number:	IA34
Duration:	One Semester/One Credit
Grade:	9-12
Prerequisite:	Introduction to Skilled and Technical Trades
Fee:	\$20
Note:	Students need to wear long pants (jeans) & leather boots while welding. Welding boot covers will be provided for students who cannot get leather boots. Students who may need jeans should see a building principal.

This course introduces students to welding processes while exposing them to multiple exciting and lucrative careers. Successful completion of this course will prepare students to accelerate into post-secondary opportunities in the welding industry.

- MIG Welding
- Plasma Cutting
- Oxyfuel Cutting
- Grinding
- Stick welding
- Fabrications
- Welding sculpture

Course Title:	INTRO TO SKILLS AND TECHNICAL SCIENCES TRADES
Course Number:	IA50
Duration:	One Semester/One Credit
Grades:	9-12
Prerequisites:	None
Fee:	\$20

This highly engaging entry-level class is a foundation for many other Skilled and Technical Sciences courses. Students will be introduced to the basic skills and career opportunities within engineering, manufacturing, welding and construction. The course includes several hands-on activities and student developed take home projects.

Course Title:	CONSTRUCTION TRADES 1
Course Number:	IA60
Duration:	One Semester/One Credit
Grade:	9-12
Prerequisites:	Introduction to Skilled and Technical Trades
Fee:	\$20

This course provides an overview of construction safety, materials, tools, processes and related career opportunities. Students will complete projects that include skill development related to framing, stair construction, tiling, drywall, painting and basic electrical principles. Course experiences will involve the use of construction hand and power tools.

Skilled and Technical Sciences (continued)

Course Title: CONSTRUCTION TRADES 2
Course Number: IA61
Duration: Two Semesters/Two Credits
Grade: 10-12
Prerequisites: Completion of Construction Trades 1
Fee: \$20

This course builds on the foundation of the skills learned in Construction Trades 1. Students will expand their knowledge and hands on skills in residential construction trades. This course will prepare students for post-secondary opportunities in construction trades.

Course Title: MANUFACTURING 1 WOODS – TOOLS AND MATERIALS
Course Number: IA65
Duration: One Semester/One Credit
Grade: 9-12
Fees: \$20
Prerequisites: Completion of Intro to Skills and Technical Science Trades

Manufacturing 1 Woods is a project-based course designed to teach knowledge and skills of today's modern woodworking tools and processes. Using industry standard equipment, students will learn to design, build, and finish a custom take home furniture project. This foundational course will prepare students for the advanced Manufacturing 2 Woods class.

Course Title: MANUFACTURING 2 WOODS – WOODWORKING PROCESSES
Course Number: IA66
Duration: Two Semesters/Two Credits
Grade: 10-12
Fees: \$20
Prerequisites: Successful completion of Manufacturing Woods 1 or Woods 1

Manufacturing 2 Woods is a project-based course designed to teach advanced knowledge and skills of today's modern woodworking tools and processes. Using industry standard equipment, students will build upon knowledge and skills from Manufacturing 1 Woods. Students will design, build, finish, and present custom-built projects of their choice.

Course Title: SMALL ENGINES AND SYSTEMS
Course Number: IA 41
Duration: One Semester/One Credit
Grades: 9-12
Prerequisites: None

Small Engines and Systems is a project-based course designed to teach knowledge and skills of modern small engines and systems. These systems may include, but not be limited, to the following: automotive, diesel, HVAC, electrical, alternative energy, hydraulics, pneumatics, etc. Using industry standard equipment, students will explore, problem-solve, and assemble various systems. This foundational course will prepare students for future advanced coursework at Metro Community College (MCC) and various career pathways within the technical fields.

Social Studies

Course Title: U.S. HISTORY 9
Course Number: SS10
Duration: Two Semesters/Two Credits
Grade: 9
Note: Two semesters of U.S. History are required for graduation.

U.S. History 9 is a required on-level, State of Nebraska Social Studies Standards and inquiry-based class designed for all students regardless of their post-secondary plans. This course will focus on the following standards-based topics of United States' history from 1900 through September 11, 2001: History, Civics, Geography, and Economics. Students will develop their disciplinary literacy skills by reading, thinking, analyzing, writing, and communication as historians do. The comprehensive historical background provided by this course will compel students to make informed decisions about the world around them today and in the future.

Course Title: HONORS U.S. HISTORY 9
Course Number: SS11
Duration: Two Semesters/Two Credits
Grade: 9
Notes: This is a grade-weighted course.
Two semesters of U.S. History are required for graduation.

Honors U.S. History 9 is a State of Nebraska Social Studies standards and inquiry-based class designed for students with acute interest in United States history; it is a preparatory course for Advanced Placement United States History. This course will focus on the following standards-based topics of United States' history from 1900 through September 11, 2001: History, Civics, Geography, and Economics. Through differentiated content, processes, and products, students will develop their disciplinary literacy skills by reading, thinking, analyzing, writing, and communicating as historians do. The comprehensive historical background provided by this course will compel students to make informed decisions about the world around them today and in the future.

Course Title: WORLD CIVILIZATIONS
Course Number: SS15
Duration: Two Semesters/Two Credits
Grade: 10

World Civ. is a required on-level, State of Nebraska Social Studies Standards and inquiry-based class designed for all students regardless of their post-secondary plans. Course content is also aligned with applicable ACT Reading Benchmarks. This course traces the following standards-based topics of various world civilizations from 1000 C.E. through the present day: History, Civics, Geography, and Economics. Students will develop their literacy skills by reading, thinking, analyzing, writing, and communication as historians do. The comprehensive historical background provided by this course will compel students to make informed decisions about the world around them today and in the future.

Course Title: AMERICAN GOVERNMENT
Course Number: SS20
Duration: One Semester/One Credit
Grade: 11-12

American Government is a required, on-level, State of Nebraska Social Studies Standards and inquiry-based class designed for all students regardless of their post-secondary plans. This course will focus on standards-based topics of the United States' government from its inception through the modern day, including in depth study of the three branches of our representative democracy. The comprehensive historical background provided by this course will compel students to make informed decisions about the world around them today and in the future.

Social Studies (continued)

Course Title: HONORS AMERICAN GOVERNMENT (Online)
Course Number: SS29
Duration: One Semester/One Credit
Grade: 11-12

The purpose of the class will be to examine the various institutions which make up the American governmental system. The Constitution and its overriding impact on the American governmental system will be of prime importance. Much attention will also be given to the powers of the President and how they are used to influence governmental policy, the powers of Congress and how they are exerted in the lawmaking process, and the powers of the judges, especially in the Supreme Court, in interpreting and applying law. Special attention will be placed on current issues and events involving the government.

Online courses provide students with an opportunity to learn in a nearly exclusive online environment, and thus, very different from regular courses. Curriculum is organized online around units known as modules. Students will have some flexibility with time to complete each module but are still expected to meet deadlines. Students will engage with the instructor and other students in a collaborative environment while completing each online course. Class format includes independent reading, individual assignments, discussion boards, individual/group projects/authentic activities, and other multimedia tools to engage students in an online modality. Students must attend an orientation session for online courses to enroll.

Course Title: ISSUES AND GEOGRAPHY IN THE MODERN WORLD (Online)
Course Number: SS66
Duration: One Semester/One Credit
Grade: 11-12

This course is intended for students who are interested in the ever-changing world in which we live today. As our world becomes more complex, it is essential that we understand the different issues that affect us today and more importantly will affect us in the years to come. This course will complement and reinforce what students have learned in American History and Government, World Civilizations and other social studies electives. This class is designed to introduce students to a variety of perspectives concerning Contemporary Issues and Geography in the world today. The focus of the course will be on the major issues affecting the world today from struggle in the Middle East to tension among nations in Africa; from environmental concerns around the globe to dealing with natural disasters wherever they occur. These issues for the course will change as issues change in the world today. The goals of the class will be: 1) for students to develop an understanding of contemporary issues in a historical, cultural and geographic context, 2) to increase the students' ability to process and gather information from a variety of sources, 3) to develop a student's ability to view contemporary issues from multiple perspectives, and 4) to develop an awareness of the global nature of issues and relate to their concerns. Due to the changing nature of this course, there will be no text book. Much of the content and related materials will be web based.

Online courses provide students with an opportunity to learn in a nearly exclusive online environment, and thus, very different from regular courses. Curriculum is organized online around units known as modules. Students will have some flexibility with time to complete each module but are still expected to meet deadlines. Students will engage with the instructor and other students in a collaborative environment while completing each online course. Class format includes independent reading, individual assignments, discussion boards, individual/group projects/authentic activities, and other multimedia tools to engage students in an online modality. Students must attend an orientation session for online courses to enroll.

Social Studies (continued)

Course Title: PSYCHOLOGY
Course Number: SS50
Duration: One Semester/One Credit
Grade: 11-12

Based on the American Psychological Association's Standards for High School Psychology, the purpose of this on-level, introductory course is to focus on the scientific study of human and animal behavior and mental processing. Major units of study will include the following: Scientific Inquiry, Biopsychology, Learning and Cognition, Personality and Stress, and Psychological Disorders and Treatment. Students will be able to apply the psychological principles they learn to understand the interconnectedness of biology, cognitive functioning, and societal influence. By applying these principles through inquiry, critical thinking, discussion, and reflection, students will gain a greater understanding of themselves and others.

Course Title: PSYCHOLOGY (Online)
Course Number: SS51
Duration: One Semester/One Credit
Grade: 11-12

Based on the American Psychological Association's Standards for High School Psychology, the purpose of this on-level, introductory course is to focus on the scientific study of human and animal behavior and mental processing. Major units of study will include the following: Scientific Inquiry, Biopsychology, Learning and Cognition, Personality and Stress, and Psychological Disorders and Treatment. Students will be able to apply the psychological principles they learn to understand the interconnectedness of biology, cognitive functioning, and societal influence. By applying these principles through inquiry, critical thinking, discussion, and reflection, students will gain a greater understanding of themselves and others. The online Psychology course will be led by a Titan or Monarch high school teacher who guides students through the curriculum.

Online courses provide students with an opportunity to learn in a nearly exclusive online environment, and thus, very different from regular courses. Curriculum is organized online around units known as modules. Students will have some flexibility with time to complete each module but are still expected to meet deadlines. Students will engage with the instructor and other students in a collaborative environment while completing each online course. Class format includes independent reading, individual assignments, discussion boards, individual/group projects/authentic activities, and other multimedia tools to engage students in an online mode. Students must attend an orientation session for online courses to enroll.

Course Title: SOCIOLOGY
Course Number: SS60
Duration: One Semester/One Credit
Grade: 11-12

Based on the American Sociological Association's Standards for High School, this on-level course is to study society and human behavior in social or group settings. The focus of the course is that all human experiences are touched and shaped by social forces not always of the individual's making. This includes a comprehensive examination of the basic concepts, principles, and methods central to the scientific study of sociology. Whereas psychology looks at the behavior of the individual, sociology studies the behavior of society in groups. Students will learn how sociologists view, describe, analyze, and predict human behavior in social contexts such as groups, neighborhoods, cities, and whole societies. Students will explore these topics through direct instruction, reading and analyzing case studies, and project-based learning.

Social Studies (continued)

Course Title: ADVANCED PLACEMENT U.S. HISTORY
Course Number: SS25
Duration: Two Semesters/Two Credits
Grade: 11-12
Prerequisites: Successful Completion of Honors U.S. History
Notes: This is a grade-weighted course.
This class may be offered as dual enrollment for college credit through UNO.
Please see your instructor for details.

AP U.S. History is an introductory college-level U.S. history course. Students cultivate their understanding of U.S. history from c. 1491 CE to the present through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like American and national identity; work, exchange, and technology; geography and the environment; migration and settlement; politics and power; America in the world; American and regional culture; and social structures. Students have the option to take the AP exam in the spring for college credit.

Course Title: ADVANCED PLACEMENT AMERICAN GOVERNMENT & POLITICS
Course Number: SS21
Duration: One Semester/One Credit. Offered only 1st semester.
Grade: 11-12
Prerequisites: Successful completion of a previous Honors courses
Notes: This is a grade-weighted course.
This class may be offered as dual enrollment for college credit through UNO.
Please see your instructor for details.
Significant amount of reading and writing is required for this course.

AP U.S. Government and Politics is an introductory college-level course in U.S. government and politics. Students cultivate their understanding of U.S. government and politics through analysis of data and text-based sources as they explore topics like constitutionalism, liberty and order, civic participation in a representative democracy, competing policy-making interests, and methods of political analysis. Students have the option to take the AP Exam in the spring for college credit.

Course Title: ADVANCED PLACEMENT COMPARATIVE GOVERNMENT
Course Number: SS22
Duration: One Semester/One Credit Offered only 2nd semester
Grade: 11-12
Prerequisites: Successful completion of AP American Government is encouraged
Notes: This is a grade-weighted course.
This class may be offered as dual enrollment for college credit through UNO.
Please see your instructor for details.
Significant amount of reading and writing is required for this course.
(This course does not fulfill the graduation requirement for American Government)

AP Comparative Government and Politics is an introductory college-level course in comparative government and politics. The course uses a comparative approach to examine the political structures; policies; and political, economic, and social challenges of six selected countries: China, Iran, Mexico, Nigeria, Russia, and the United Kingdom. Students cultivate their understanding of comparative government and politics through analysis of data and text-based sources as they explore topics like power and authority, legitimacy and stability, democratization, internal and external forces, and methods of political analysis. Students have the option to take the AP exam in the spring for college credit.

Social Studies (continued)

Course Title:	ADVANCED PLACEMENT PSYCHOLOGY
Course Number:	SS24
Duration:	Two Semesters/Two Credits
Grade:	11-12
Notes:	This is a grade-weighted course. Significant amount of reading and writing is required for this course.

AP Psychology is an introductory college-level psychology course. Students cultivate their understanding of the systematic and scientific study of human behavior and mental processes through inquiry-based investigations as they explore concepts like the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatment of abnormal behavior, and social psychology. Students have the option to take the AP exam in the spring for college credit.

Course Title:	ADVANCED PLACEMENT WORLD HISTORY: MODERN
Course Number:	SS31
Duration:	Yearlong/Social Studies Credit
Grade:	10-12
Note:	This is a grade-weighted course.

AP World History: Modern is an introductory college-level modern world history course. Students cultivate their understanding of world history from c. 1200 CE to the present through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation. Students have the option to take the AP exam in the spring for college credit.

Course Title:	ADVANCED PLACEMENT ECONOMICS, MACROECONOMICS
Course Number:	SS41
Duration:	One Semester/One Credit
Grade:	11-12
Notes:	This is a grade-weighted course. Offered only 2nd semester

AP Macroeconomics is an introductory college-level macroeconomics course. Students cultivate their understanding of the principles that apply to an economic system as a whole by using principles and models to describe economic situations and predict and explain outcomes with graphs, charts, and data as they explore concepts like economic measurements, markets, macroeconomic models, and macroeconomic policies. Students have the option to take the AP exam in the spring for college credit.

Social Studies (continued)

Course Title:	ADVANCED PLACEMENT ECONOMICS, MICROECONOMICS
Course Number:	SS43
Duration:	One Semester/One Credit
Grade:	11-12
Prerequisites:	None
Notes:	This is a grade-weighted course. Offered only 1st semester.

AP Microeconomics is an introductory college-level microeconomics course. Students cultivate their understanding of the principles that apply to the functions of individual economic decision-makers by using principles and models to describe economic situations and predict and explain outcomes with graphs, charts, and data as they explore concepts like scarcity and markets; costs, benefits, and marginal analysis; production choices and behavior; and market inefficiency and public policy. Students have the option to take the AP exam in the spring for college credit.

World Language

Course Title:	GERMAN 1
Course Number:	FL20
Duration:	Two Semesters/Two Credits
Grade:	9-12

First-year world language emphasizes oral mastery of the basic skills of the language, including pronunciation and the ability to apply vocabulary and grammar to elementary conversations. Reading and writing skills are introduced as well as aspects of different cultures and histories of the countries where German is spoken. Considerable student involvement is required in classroom activities. The student should plan to spend time outside of class on homework, review, and class preparation.

Course Title:	GERMAN 2
Course Number:	FL21
Duration:	Two Semesters/Two Credits
Grade:	10-12
Prerequisites:	Successful completion of German1

This is a continuation of the first year of world language study. Oral skills are emphasized and class instruction is in German as often as possible. Reading and writing skills are developed more fully as students begin to express their thoughts in German. Grammar and vocabulary are stressed as new material is presented and the first year is briefly reviewed. A greater understanding and appreciation of the people and cultures where the language is spoken is encouraged as more complex aspects are examined. Considerable student involvement is required in all classroom activities, and students should expect to spend time outside of class on class preparation, study, and homework.

World Language (continued)

Course Title: HONORS GERMAN 3
Course Number: FL22
Duration: Two Semesters/Two Credits
Grade: 11-12
Prerequisites: Successful completion of German 2
Note: This is a grade-weighted course.

Third-year world language study is a continuation of the second year and reviews all grammar basics of the first and second years; however, third year also concentrates on more extensive vocabulary and grammar as well as reading and writing skills. Several works by native authors are read to develop these skills and promote discussion of the culture that creates this variety of literature. Class instruction as well as student participation is in German. Considerable student involvement is required in classroom activities, and students should plan to spend out-of-class time preparing for class.

Course Title: HONORS GERMAN 4
Course Number: FL23
Duration: Two Semesters/Two Credits
Grade: 12
Prerequisites: Successful completion of German 3
Note: This is a grade-weighted course.

Fourth-year world language continues to develop the speaking, listening, reading, and writing skills learned in the first three years. The emphasis will be on application. Class instruction as well as student participation is in German. By the end of the fourth year of language study, students will be well prepared to continue language study at the college level or to use their language skills in the workplace.

Course Title: FRENCH 1
Course Number: FL10
Duration: Two Semesters/Two Credits
Grade: 9-12

First-year world language emphasizes oral mastery of the basic skills of the language, including pronunciation and the ability to apply vocabulary and grammar to elementary conversations. Reading and writing skills are introduced as well as aspects of different cultures and histories of the countries where French is spoken. Considerable student involvement is required in classroom activities. The student should plan to spend time outside of class on homework, review, and class preparation.

Course Title: FRENCH 2
Course Number: FL11
Duration: Two Semesters/Two Credits
Grade: 10-12
Prerequisites: Successful completion of French 1

This is a continuation of the first year of world language study. Oral skills are emphasized and class instruction is in French as often as possible. Reading and writing skills are developed more fully as students begin to express their thoughts in French. Grammar and vocabulary are stressed as new material is presented and the first year is briefly reviewed. A greater understanding and appreciation of the people and cultures where the language is spoken is encouraged as more complex aspects are examined. Considerable student involvement is required in all classroom activities, and students should expect to spend time outside of class on class preparation, study, and homework.

World Language (continued)

Course Title:	HONORS FRENCH 3
Course Number:	FL12
Duration:	Two Semesters/Two Credits
Grade:	11-12
Prerequisites:	Successful completion of French 2
Note:	This is a grade-weighted course.

Third-year world language study is a continuation of the second year and reviews all grammar basics of the first and second years; however, third year also concentrates on more extensive vocabulary and grammar as well as reading and writing skills. Several works by native authors are read to develop these skills and promote discussion of the culture that creates this variety of literature. Class instruction as well as student participation is in French. Considerable student involvement is required in classroom activities, and students should plan to spend out-of-class time studying and preparing for class.

Course Title:	HONORS FRENCH 4
Course Number:	FL13
Duration:	Two Semesters/Two Credits
Grade:	12
Prerequisites:	Successful completion of French 3
Note:	This is a grade-weighted course.

Fourth-year world language continues to develop the speaking, listening, reading, and writing skills learned in the first three years. The emphasis will be on application. Class instruction as well as student participation is in French. By the end of the fourth year of language study, students will be well prepared to continue language study at the college level or to use their language skills in the workplace.

Course Title:	SPANISH 1
Course Number:	FL40
Duration:	Two Semesters/Two Credits
Grade:	9-12

First-year world language emphasizes oral mastery of the basic skills of the language, including pronunciation and the ability to apply vocabulary and grammar to elementary conversations. Reading and writing skills are introduced as well as aspects of different cultures and histories of the countries where Spanish is spoken. Considerable student involvement is required in classroom activities. The student will spend time outside of class on homework and class preparation.

Course Title:	SPANISH 2
Course Number:	FL41
Duration:	Two Semesters/Two Credits
Grade:	9-12
Prerequisites:	Successful completion of Spanish 1

This is a continuation of the first year of world language study. Oral skills are emphasized and class instruction is in Spanish as often as possible. Reading and writing skills are developed more fully as students begin to express their thoughts in Spanish. Grammar and vocabulary are stressed as new material is presented and the first year is briefly reviewed. A greater understanding and appreciation of the people and cultures where the language is spoken is encouraged as more complex aspects are examined. Considerable student involvement is required in all classroom activities, and students should expect to spend time outside of class on class preparation, study, and homework.

World Language (continued)

Course Title:	HONORS SPANISH 3
Course Number:	FL42
Duration:	Two Semesters/Two Credits
Grade:	10-12
Prerequisites:	Successful completion of Spanish 2
Note:	This is a grade-weighted course.

Third-year world language study is a continuation of the second year and reviews all grammar basics of the first and second years; however, third year also concentrates on more extensive vocabulary and grammar as well as reading and writing skills. Class instruction as well as student participation is in Spanish. Considerable student involvement is required in classroom activities, and students should plan to spend out-of-class time studying and preparing for class

Course Title:	HONORS SPANISH 4
Course Number:	FL43
Duration:	Two Semesters/Two Credits
Grade:	11-12
Recommendation:	Completion of Spanish 3
Note:	This is a grade-weighted course.

Fourth-year world language continues to develop the speaking, listening, reading, and writing skills learned in the first three years. The emphasis will be on application. Class instruction as well as student participation is in Spanish. By the end of the fourth year of language study, students will be well prepared to continue language study at the college level or to use their language skills in the workplace.

Course Title:	ADVANCED PLACEMENT SPANISH LANGUAGE AND CULTURE
Course Number:	FL44
Duration:	2 semesters/2 credits
Grade:	11-12
Prerequisites:	Completion of Honors Spanish 4 Recommended

AP Spanish Language and Culture is equivalent to an intermediate level college course in Spanish. Students cultivate their understanding of Spanish language and culture by applying interpersonal, interpretive, and presentational modes of communication in real-life situations as they explore concepts related to family and communities, personal and public identities, beauty and aesthetics, science and technology, contemporary life, and global challenges.

Course Title:	SPANISH FOR SPANISH SPEAKERS
Course Number:	FL49
Duration:	Two Semesters, Two Credits
Grade:	9-12
Recommendation:	Spanish speaker
Note:	This is NOT an EL class, nor is it a lower level of Spanish 1 or 2.

Spanish for Spanish Speakers is an on-level course designed for students who already speak Spanish. Students with this prior experience will learn deeper levels of grammar, reading, writing, history, and culture of the Spanish language. Students who successfully complete both semesters of this course will have fulfilled one year of World Language credit needed for collegiate entrance. In addition, students who successfully complete both semesters may move onto Honors Spanish 3 in PLCS.

Additional Credit Opportunities

Course Title:	OFFICE ASSISTANT
Course Number:	GU23
Duration:	One Semester/One Credit, Pass/Fail only
Grade:	11-12
Prerequisites:	Administrative permission
Note:	Students who work as aides in the classroom do NOT receive a credit. Enrollment in this course does NOT count as one of 5 needed earning mark points per semester for Laude recognition.

A student may register for a position as an office assistant to work in the principal's office, guidance office, attendance office, or media center. Basic duties will include running passes, taking messages, and other clerical tasks. A total of 1 credit per semester may be applied toward graduation. Students will be evaluated quarterly by a site supervisor. There are limited spots available, students must remain in good standing.

Course Title:	PEER AIDE
Course Number:	GU24
Duration:	One Semester/One Credit, Pass/Fail only
Grade:	9-12
Prerequisites:	Administrative permission
Note:	Does NOT fulfill physical education requirements for graduation. Enrollment in this course does NOT count as one of 5 needed earning mark points per semester for Laude recognition.

A student may register for a position as an aide for Adaptive PE or Vocational Learning Center classes. Individualized aides are paired up with another student and they will be responsible for helping that student develop their skills according to their IEP. In the Adaptive PE class, student aides will help develop skills in the area of recreation, sportsmanship and motor development needed for independent living. In the Vocational Learning Center class, aides will be responsible for introducing activities to students with special needs in a classroom setting.

There are a limited number of spaces available. Students must remain in good standing.

This class is appropriate for students who are interested in learning more about special needs or in the field of education.

NIGHT SCHOOL

The night school program is offered at Papillion-La Vista South High School and is intended to meet the needs of students with specific curricular needs or are short credits for graduation. Students must have permission from a counselor to enroll. There may be a \$50.00 fee for each night school class taken. Additional information is available in the guidance office. Students will receive a Pass (P) or Fail (F) on their transcript and can earn (1) credit per course.

Authentic College & Career Experiences for Student Success

2024 – 2025 ACCESS ACADEMY PROGRAMS

- An Academy is a small learning community that is an extension – not a replacement – of the high school experience
- Students remain connected to their home high school, allowing them to enroll in electives, AP courses and extracurricular activities
- Academies provide an opportunity for students to learn and explore career fields by integrating core academic education
- Academies are located at authentic business sites
- Academies provide students with a jumpstart on post-secondary experiences and future plans
- Academies provide additional opportunities for ALL students

Unless otherwise indicated, academy programs are for junior and senior year.

PLCS ACCESS Academy Programs

1 to 4 class periods of the schedule. PLCS and business partner instructors.

Athletic Training

College Jump Start – IT, Computer Programming Pathway – **10th through 12th grades**

College Jump Start – Law-Public Safety-Security Pathway

College Jump Start – Senior Transition Pathway – **Seniors Only**

Education

Health Systems – Biomedical Pathway

Health Systems – Patient Care Pathway

Internships – Sarpy County Chamber of Commerce, PLCS Tech Center or PLCS Communications Department

Leadership

Media – **9th through 12th grades**

STEM – **9th through 12th grades**

Zoo

Metro Community College Career Academy Programs

5th thru 7th period on the schedule. Taken at Metro campuses. Taught by Metro instructors.

3-D Animation & Games

Administrative Technology

Advanced Manufacturing

Architecture Technology – **Seniors Only**

Auto Collision Technology

Automotive Technology

Certified Nursing Assistant (CNA)

Civil Engineering Technology – **Seniors Only**

Construction Technology

Criminal Justice – **Seniors Only**

Culinary Arts Foundations

Diesel Technology

Digital Cinema & Filmmaking

Early Childhood Education – **Seniors Only**

Electrical Technology

Emergency Medical Technician (EMT) –
Seniors Only

Fire Science Technology

Full Stack Web Development

Google Support Professional

Horticulture, Land Systems and Management

HVAC (Heating and Air Conditioning)

Technology

IT Technician

Pre-Apprenticeship Plumbing

Prototype Design

Theatre Technology

Welding and Fabrication Technology

How to Apply

- Applications will be online for one week in November at www.plcschools.org.
 - Go to Programs, select Academies, then How to Apply.
 - Log in with your Student ID and password that you use to log into school computers.
 - You can work on your app, save it, and log back in and return to your work. Save often!
 - Once you submit your application you will NOT be able to access it again to make changes.
 - Students will receive an email confirmation after submitting the application through their school email account.
 - All year two students must submit an application to return to the academy.
 - You may apply for more than one academy, but you must complete and submit a separate application for EACH academy to which you apply.
- Flyers are located in the Career Ed Center describing each of the academies. More information is also available online at www.plcschools.org or see Ms. Mead, Post-Secondary Counselor, in guidance.
- Media Academy students must have their own transportation to and from PLHS Monarchs.
- College Jump Start – Senior Transition Pathway requires students to have an ACT or Accuplacer score. If students have not taken an ACT when applications are due, they will take the Accuplacer. The Accuplacer will be given at Papillion La Vista South. Additional information will be given to students who apply for the academy about the test date and time.
- Metro Community College Career Academy Programs will require a paper application. Students will first submit an online application through the district website. Counselors and/or academy staff will then provide the paper application when available.
- Students will find out in January if they have been accepted into a PLCS ACCESS Academy program. If so, Ms. Mead and academy staff will meet with students in late January/early February to register for classes.
- Students will find out late March/early April if they have been accepted into Metro CC Career Academy programs. If so, Ms. Mead will meet with students at that time to adjust their schedule for the fall.

Scholarships

Available to assist academy students with Metro Community College tuition for dual-enrolled classes. Students will need to complete a scholarship application in order to receive assistance. See Ms. Mead for application instructions. Available scholarships:

- ACE – funded by the state of Nebraska. Students apply online and must provide documentation of financial need. Limited to 3 dual courses.
- PLCS ACCESS Academy – funded by a grant from the Papillion La Vista Community Schools Foundation. For students who received the ACE scholarship but are taking more than 3 dual courses.
- PLSouth Jump Start College Credits – funded by a grant from the Papillion La Vista Community Schools Foundation. For students who meet at least one of the following criteria: family financial hardship; eligible free/reduced lunch; or dual enrolled in 3 or more courses.

For more detailed information regarding the Papillion La Vista Community Schools and Metropolitan Community College Career Academy programs visit:

WWW.PLCSCHOOLS.ORG – go to Programs and select Academies and College Jump Start
OR

WWW.MCCNEB.EDU – go to Prospective Students, select High School Students then Career Academy

A complete listing of course offerings and descriptions may be found on Papillion La Vista South's website www.plcschools.org/plshs. Click on "Guidance," "Course Registration" then "Additional Credit Opportunities."

Papillion La Vista Community Schools Career Academy Programs

Athletic Training – PLSouth

Are you interested in sports medicine? Would you like to assist athletes on and off the field? Learn how to recognize, evaluate and care for sports related injuries. Students will assist in the training room and at athletic events caring for injuries, taping, and providing rehabilitation. You will also become certified in first aid and adult CPR/AED.

College Jump Start – Information Technology, Computer Programming Pathway - Metro Community College Sarpy Center, 91st and Giles

Do you have a desire to explore or immerse yourself within the information technology career field? Then this academy is for you! Computer programming is a two-year pathway that exposes students to a variety of computer programming languages and other related skills.

College Jump Start – Law-Public Safety-Security Pathway - Metro Community College Sarpy Center, 91st and Giles

Do you have an interest in the legal system or protecting the safety of others? Are you thinking about a future in criminal justice? This introductory course in law enforcement and criminal justice provides opportunities learning about police and society, law, the judicial process and information security.

College Jump Start – Senior Transition Pathway - Metro Community College Sarpy Center, 91st and Giles

Do you want a jump start on your college experience while still in high school? The Senior Transition program is a year of courses taken at MCC to help give high school seniors a jump start on their two or four-year college degree. The objective is to provide students a successful, low-cost, initial college experience that will help them to develop the skills necessary to successfully transition to a two or four-year college.

Education – PLSouth (year 1), PLCS elementary or junior high school (year 2)

Do you have an interest in working with and teaching children? In this academy students will learn what it takes to be a teacher. Year one students take an introductory course in education which will prepare them for an internship during year two at a local elementary or junior high school where they will work alongside a teacher preparing and presenting lessons to students.

Health Systems – CHI Health Midlands Hospital, S. 84th Street

Do you have an interest in being a nurse, doctor, scientist, radiologist, physical therapist, or other profession in the medical field? Check out this academy. The first year students work towards earning their Certified Nursing Assistant, so that during the second year they can participate in rotations where they will work side by side with health care professionals throughout the hospital.

Internships – Sarpy Chamber of Commerce, Shadow Lake Towne Center OR PLCS Communications, PLCS District Office

The Chamber and PLCS Communications internships offer students a variety of experiences in the field of public relations and community involvement. At the Chamber, students will learn about newsletter content, updating membership lists, contacting chamber members, updating information, organizing and coordinating events, taking reservations for activities, answering phones and much more. At the PLCS Communications internship, students will gain experience writing messages, working with social media, designing publications, planning special events and more.

Law-Public Safety-Security – Metro Community College Sarpy Center, 91st and Giles

Do you have an interest in the legal system or protecting the safety of others? Are you thinking about a future in criminal justice? This introductory course in law enforcement and criminal justice provides opportunities in job shadowing, internships, ride alongs and college seminars.

Leadership – PLSouth

Do you have an interest in being a leader within your school and community? Would you like to improve your leadership skills? Learn about your own personal leadership style while enhancing your strengths to productively contribute to your school and community. Students will hear speakers from different areas of the community, and will have the opportunity to work with a mentor in completing a leadership project.

Media – PLHS Monarchs

Do you see yourself working in broadcast media in the future? Do you like recording and editing videos? Students will complete a variety of long and short form projects including but not limited to documentaries, public relations and publicity pieces, and post-event production. Problem solving, teamwork, confidence building, and leadership development will all be focuses of the academy.

STEM – PLSouth

Are you into Science-Technology-Engineering-Math? Students who enjoy solving problems, working with their hands, have a passion for science, math, and art will discover that a rewarding STEM-related career is waiting to happen. Students will have access to the same 3D design software used by companies such as Intel, Lockheed Martin and Pixar.

Zoo – Omaha’s Henry Doorly Zoo, S. 13th Street

Do you like being around animals? Are you looking for a future career where you can work with or be with animals? Then this academy is for you. Students will experience first-hand careers such as zoology, genetics, ecology, vet science, horticulture, animal behavior, marine biology, zoo management, business and marketing.

Metropolitan Community College Career Academy Programs

3_D Animation and Games-Elkhorn Valley Campus, 204th and Dodge

Students create models, characters, and imaginative spaces that are the foundation of 3-D film animation and the gaming industry. These skills also apply to marketing, web design, and social media.

Architecture Technology – Seniors Only – Fort Omaha Campus, 30th & Fort, Construction Education Center

This program combines drawing skills with architectural knowledge and powerful CAD software tools to prepare students for careers as professional architectural design technicians in the offices of architects, engineers, contractors, and materials suppliers. Students build a strong foundation of knowledge by learning classical drafting techniques, the art and language of architecture, the design process, how methods and materials shape buildings, the relationship among structural types, space usage, and how architecture reflects the culture for which it is built. Students apply these fundamentals, along with the latest architectural software principles and techniques, to practical lab projects.

Auto Collision Technology – Applied Technology Center, 10407 State

This program, when finished through an Associate Degree, covers the entire scope of the auto collision field, including basic and advanced metal finishing repair, frame repair and alignment, panel replacement, major body repair, estimating, and all aspects of automotive painting using the latest technology.

Automotive Technology – South Omaha Campus, 27th & Q, Mahoney Building

The Automotive Technology program is NATEF certified, hands-on, and focuses on preparing students for careers in the automotive field. The program works closely with regional and national industry to encourage growth and training in preparation for real-world work environments. This program utilizes the most current technology and testing equipment to enhance the training required by today's automotive industry.

Business Administrative Professional-Sarpy Center, 91st & Giles

Office professionals, administrative assistants and office support staff, work in nearly every industry, many are employed in small to large businesses/corporations, schools, hospitals and government, legal, and medical offices performing duties in nature. Office and administrative support positions include but are not limited to, administrative or office assistants, clerks (i.e. billing or accounts payable clerks, file clerks, payroll clerks, etc.) customer service representatives, data entry specialists, human resource assistants, logistics coordinators, project coordinators, receptionists, sales assistants and secretaries.

Certified Nursing Assistant (CNA) – South Omaha Campus, 27th & Q, Mahoney Building

Numerous and diverse opportunities exist in the area of health and public services. This academy provides students an exposure to the medical area with CPR, First Aid, Medical Terminology, Employability Skills, and a CNA certification upon completion.

Civil Engineering Technology – Seniors Only – Fort Omaha Campus, 30th & Fort, Construction Education Center

This program prepares students for employment in the civil engineering field as civil engineering technicians. Civil engineering technology is one of the broadest fields in engineering because it is involved with many facets of infrastructure, including roads, bridges, utilities, buildings, and water treatment facilities. The Civil Engineering Technology program offers training in high-tech subjects and equipment like GPS satellite surveying and CAD drafting facilities.

Construction Technology - Fort Omaha Campus, 30th & Fort, Construction Education Center

The Construction and Building Science program offers students a wide array of choices in the field of construction. An associate degree, certificate of achievement, and career certificate are available across several options, including concrete/masonry, general, residential, commercial, management, remodeling, and finish/cabinetry. Students gain practical experience in a lab setting, applying their skills to real world situations.

Criminal Justice – Seniors Only – Sarpy Center, 91st & Giles

This academy provides practical knowledge of the criminal justice system and operations. Study focuses on local law enforcement, judicial processes, corrections, and homeland security. The academy also explores the criminal justice system's role within society.

Diesel Technology – Applied Technology Center, 10407 State

The Diesel Technology program prepares students for a career in the growing transportation industry. The curriculum addresses the latest technology in engine repair, hydraulic and electrical systems, test procedures and diagnostics, and power generation.

Digital Cinema/Filmmaking – Elkhorn Valley Campus, 204th & Dodge

The Video/Audio Communication Arts program teaches students the production process for television, film, commercial, and other media production. Students learn to use professional moving image cameras in the field and the studio. Students learn how to record quality professional audio in the field and studio. Students learn how to write scripts for feature films, commercials, and corporate industrial media. Students also learn how to edit and manipulate visual and sound media using industry standard professional tools and software.

Diversified Manufacturing/Process Operations – South Omaha Campus, 27th & Q, Center for Applied Technology

This academy features an introduction for those students interested in advancing into the skilled trades. This academy is for someone that has not decided on a specific trade's area as the knowledge and skills learned will be useful in a broad spectrum of manufacturing occupations.

Early Childhood Education – Seniors Only – Learning Community of North Omaha, 24th & Franklin

The Early Childhood Education program prepares students for employment as a head teacher or director of childcare facilities. Learning opportunities center on curriculum planning, managing, and teaching within a childcare facility. Skills essential to working with parents and children in a variety of settings and activities are stressed. Students finishing this academy will receive the Early Childhood Generalist Career Certificate*.

Electrical Technology – Fort Omaha Campus, 30th & Fort, Construction Education Center

The Electrical Technology program provides education and training for students who wish to join the electrical field. Students entering into this program study electrical systems in residential wiring, commercial wiring, and industrial motor controls.

Emergency Management Technician (EMT) – Seniors Only – South Omaha Campus, 27th & Q, Mahoney Building

This academy gives students exposure to work as a Paramedic with fire departments, transport services, or in a hospital emergency room. This academy provides students an exposure to the medical area with CPR, First Aid, Medical Terminology, Employability Skills, and the first course of the EMT program of study. Students who complete EMSP 1100 will be in the National registry as an EMT.

Fire Science Technology – Applied Technology Center, 10407 State Street

This academy provides a unique opportunity to build professional skills and expand career possibilities.

Insurance investigators, and adjusters, industrial safety specialists, fire protection system designers, and professionals, and volunteer firefighters benefit from enrolling in the Fire Science Technology program.

HVAC (Heating and A/C) Technology - Fort Omaha Campus, 30th & Fort, Construction Education Center

This program provides students with a diversified background in heating, air conditioning, and refrigeration systems. The program combines class work with hands-on activities to facilitate learning and understanding of these fields. Potential employment opportunities exist in local air conditioning, refrigeration, and heating companies, both large and small.

IT-Data Center Operations – Fort Omaha Campus, 30th and Fort, Center for Advanced and Emerging Technology

Data Centers store information; deploy business applications; and use data analytics, desktop virtualization, and cloud technology to improve agility and efficiency. According to the US Department of Labor, the median annual wage for computer systems analysts is \$85,500 with a 20.9 change from 2014 to 2024. This academy provides students with a basic knowledge of the data center operations technician. Students get hands-on experience working with MCC's Data Center to explore the day to day duties of a data center technician.

IT-Prototype Design – Fort Omaha Campus, 30th & Fort, Center for Advanced and Emerging Technology

A prototype is a sample or model built to test a concept or process for a particular application that can be replicated or used to learn from. A prototype designer uses troubleshooting skills, creative thinking, and analytical skills to design the product. Students use hands-on application skills from product conception to completion.

IT-Cyber Security Program- Fort Omaha Campus, 30th and Fort, Center for Advanced and Emerging Technology

All business, industry, government, financial, or medical facilities, need to safeguard information from potential security threats or vulnerabilities. The US Department of Labor predicts a 37% growth by 2022 in the number of information security analysts. This academy provides students with a basic knowledge of the cyber security field. Students get hands-on experience with MCC's Data Center servers and virtual machines. Upon completion, students may also sit for the CompTIA Security+ certification.

Pre-Apprenticeship Plumbing – Fort Omaha Campus, 30th & Fort, Construction Education Center

Not just in Omaha, but around the country the demand for licensed Journeyman Plumbers is nearing an all-time high. Many experienced plumbers, like your parents or grandparents, are retiring in the next 5-10 years. As a stepping stone into an apprenticeship program, MCC developed the Pre-Apprenticeship Plumbing Academy for you to gain basic knowledge of the plumbing industry. The Academy introduces you to the history of the plumbing trade, tools and materials, applicable math skills, and residential and commercial plumbing. Completing the academy is your important first step down the path leading to becoming an Apprentice plumber then Journeyman plumber. Other career opportunities may include sales, entry level estimator, general contractor or project manager

Theatre Technology – Omaha Community Playhouse, 6915 Cass AND Fort Omaha Campus, 30th & Fort

Theatre - a blend of visual arts/design, music, literature, research, physical expression, technology, and business - is the quintessential liberal arts degree. Theatre studies strengthen interpersonal communication and public presentation skills; develop critical thinking and collaborative skills; and give a solid background in interdisciplinary arts, social awareness, and appreciation of diverse cultures.

Utility Line Technician - Applied Technology Center, 10407 State

This program introduces students to the power utility industry. The coursework instructs students in the theory and practical application to install and repair power lines; and make transformer connections.

Welding Technology – Fort Omaha Campus, 30th & Fort

This program provides basic to advanced training in the major welding processes. Students completing the program are exposed to standard welding procedures used in construction and industry, as well as established safety standards and measures. A fabrication project requires students to use their welding skills, including the reading of welding blueprints.