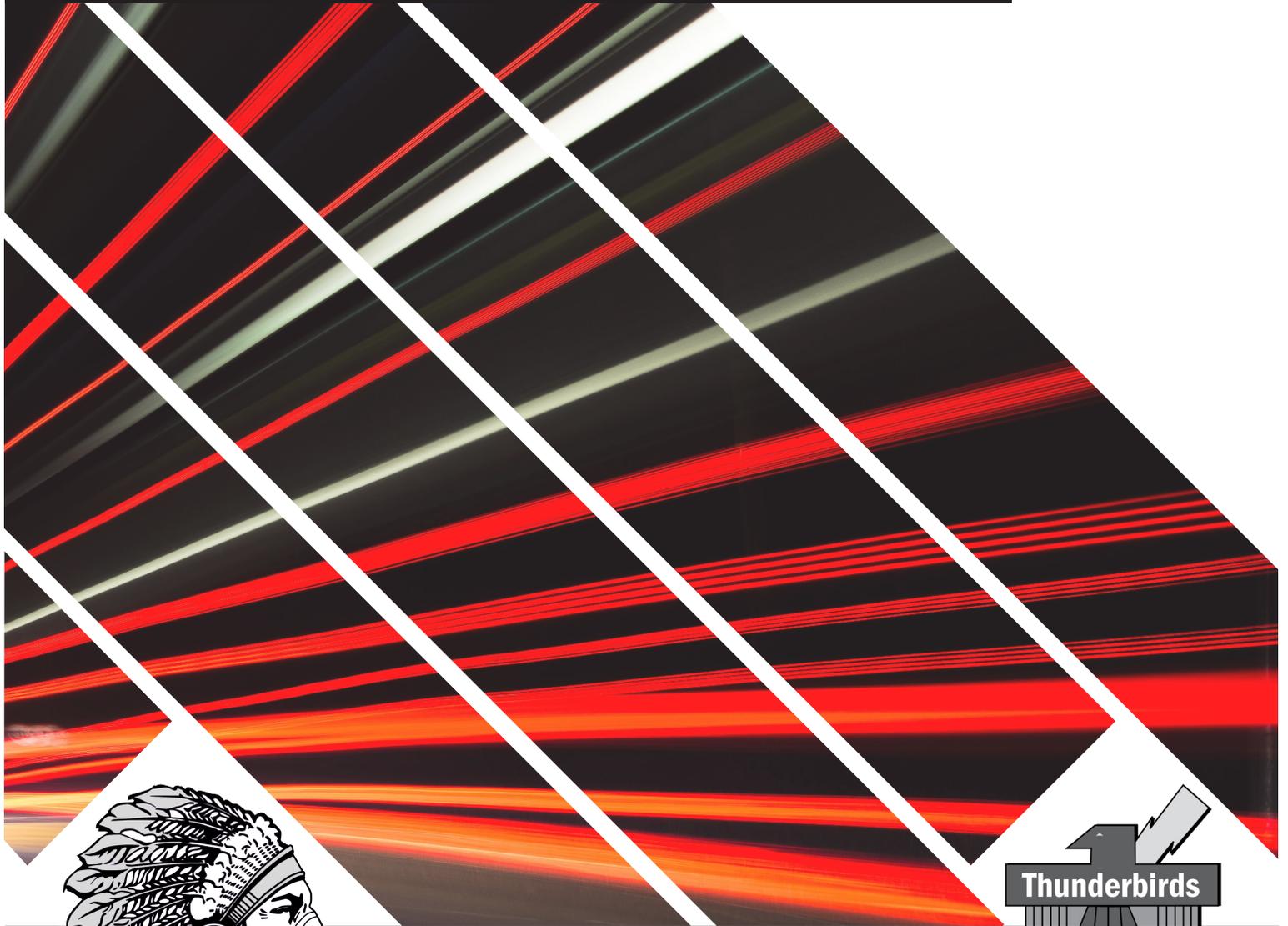


# Bellevue Public Schools

## High School Registration Guide



Grades 9-12 Courses for  
**2026-2027**

## **Accreditation and Compliance Statements for Bellevue Public Schools**

The Bellevue Public School District is accredited by the Nebraska State Department of Education and Cognia. Cognia is the largest education improvement organization in the world. Cognia accreditation represents the unified requirements for the North Central Association Commission on Accreditation and School Improvement (NCA CASI), the Northwest Accreditation Commission (NWAC), and the Southern Association of Colleges and Schools Council on Accreditation and School Improvement (SACS CASI). Institutions and systems seeking to earn and maintain NCA CASI, NWAC, and SACS CASI accreditation must continuously meet the Cognia accreditation policies, standards and requirements.

### **Statement of Compliance, Non-Discrimination and Affirmative Action Regarding Registration Procedures**

The policy of the Bellevue Public Schools is to provide an equal opportunity for all students; to prohibit discrimination on the basis of race, color, religion, national origin, sex, age, physical or mental handicap, marital status, military status, and political affiliation. Registration practices will demonstrate full adherence to the letter and intent of federal and state government policy guaranteeing equal opportunity for all students.

### **Qualifying Information as Published in the Bellevue Public Schools' High School Registration Guide**

Timeline restraints require the registration guide to be printed and available by January. External and internal factors, which govern the educational programs for Bellevue, are constantly changing throughout the year. Consequently, information as stated in this registration guide may be changed as deemed necessary by the school officials. Information, i.e. prerequisites and course offerings, are examples of information that can be affected.

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## Welcome to Bellevue East and Bellevue West High Schools

Whether this is your first time registering at Bellevue East or Bellevue West High Schools, or you have been a student here before, we want to welcome you and ensure that your experiences through the registration process and with Bellevue Public Schools are successful.

This registration guide outlines the many options available to Bellevue students. This is a very important time for you as you develop your goals and plans for the future. Included in this guide are suggested courses/programs to assist you as you explore your career options, college options, job outlooks, etc.

Please work with your parents/guardians, counselors, and teachers as you plan your high school program. The guides on the last few pages of this book will assist in your planning prior to registration. **Please have a tentative program outlined using the appropriate grade level registration page at the back of this guide prior to registration.**

We are here to make your high school experiences meaningful and successful. Each student will be assigned a counselor, but we are all here to assist you. Please don't hesitate to contact our staff at any time throughout the year.

Bellevue East High School ..... (402) 293-4150

Dr. Jeff Wagner, Principal

Mr. Nathan Bacon, Assistant Principal

Ms. Susan Jensen, Assistant Principal

Mr. Chad Holtz, Assistant Principal/Activities Director

Bellevue West High School ..... (402) 293-4040

Mr. Kevin Rohlfs, Principal

Dr. Larry Murry, Assistant Principal

Mr. Jon Mauro, Assistant Principal/Activities Director

Mr. Brad Stueve, Asst. Principal/District Coordinator of Career Readiness

Academic Center of Excellence (A.C.E.) ..... (402) 867-6167

Ms. Jenny Lynch, Principal

### **Suggestions for planning your school year:**

- Consult with your teachers about what would be the next appropriate course for you. Many courses require prerequisite knowledge. It is important for you to choose courses for which you are prepared and in which you can be successful.
- Visit with your counselor about your goals and abilities. Your counselor will help develop and update your tentative four-year plan.
- Involve your parents/guardians. Sharing the information in this guide with them will enable you to take advantage of their experiences.

By following these steps, you will be better prepared to choose the courses that are right for you and better prepared to achieve the goals you have set for yourself after high school.

### **Welcome from the Counseling Department**

Bellevue Public Schools' Counseling Departments wish you a warm welcome. We are here to help you have a positive high school experience. Please take some time and get acquainted with the counseling staff in your building. Don't hesitate to ask questions, because we are here to help. The counselors in each building are listed below.

#### **Bellevue East**

Mike Chudomelka	(402) 293-4180
Casie Onken	(402) 293-4166
Sarah Strawn	(402) 293-4165
Colleen Pribyl	(402) 293-4168
Kacie Anderson	(402) 293-4153
Secretary	(402) 293-4151

#### **Bellevue West**

Melissa Minahan	(402) 293-4056
Bethany Kracl	(402) 293-4057
Susan Polk	(402) 293-4054
Emily Fenster	(402) 293-4055
Randy Schultz	(402) 293-4092
Secretary	(402) 293-4047

# Registration Process

## Course Offerings

The courses described in this guide will be offered subject to enrollment minimums. Insufficient registration numbers may result in course cancellations and the need for students to make alternate course selections.

## Current Freshmen, Sophomores, and Juniors

Registration materials will be distributed in the classrooms. Students will be registering online with counselor assistance.

## Incoming Freshmen

High school counselors will provide registration information and support for students and parents/guardians at various events.

## Definition of Terms

- Credit**            A credit is defined as the successful completion of a course that meets weekly for one semester with at least 60 clock hours of instruction available to students. No credit is earned for study halls, failed courses, resource, or working as a teacher aide.
- Prerequisite**    A course that must be taken before an advanced course can be taken. For example, German I must be successfully completed before a student can take German II.
- Required**        A specific course that must be successfully completed before a student can graduate. Many courses are required by the state of Nebraska.
- Elective**         A course that a student may choose to take because of a personal interest or career plan.

## Grading System

A = Superior	90% - 100%
B = Above Average	80% - 89%
C = Average	70% - 79%
D = Below Average	60% - 69%
F = Failing	Below 60%

## Grade Point Average and Tiered Diploma System

Bellevue Public Schools utilizes a tiered diploma system to expand recognition for graduates who have achieved at a high level and actively participated in challenging coursework throughout their high school career. The high schools will not recognize a valedictorian at graduation but instead, recognize students who earn a diploma with distinction or high distinction. Additionally, the high schools will not publish class rank data and will utilize a weighted 4.0 scale to calculate grade point averages. The process for determining grade point average is as follows: Each grade a student receives in any course is given a mark point value. The mark point value varies depending on the level of the course, whether Advanced Placement, advanced, regular, or basic. Advanced courses are denoted by the letter "A" and Advanced Placement courses by the letters "AP." The mark points are listed below:

	Advanced Placement Course	Advanced Course	Regular and Basic Course
Grade	Mark Point	Mark Point	Mark Point
A	5	4.5	4
B	4	3.5	3
C	3	2.5	2
D	2	1.5	1
F	0	0	0

The following requirements reflect changes to the number of credits required for a tiered diploma:

Highest Distinction		Distinction		General Diploma	
GPA	4.25	GPA	3.75	GPA	N/A
Total Credits	54	Total Credits	52	Total Credits	50
Adv/AP Credits	24	Adv/AP Credits	16	Adv/AP Credits	N/A

**Cumulative Grade Point Average:** To determine a student's cumulative grade point average, take the total mark points for all courses taken and divide by the total number of semester courses attempted.

**Advanced Courses:** The following advanced courses may be offered at one or both high schools.

Art	Studio Art 2D AP, Studio Art 3D AP
Business	Macroeconomics AP, Microeconomics AP
Computer Science & Information Technology	Computer Science Principles AP, Computer Science-A AP
English/Language Arts	English 9 A, English 10 A, English 11 AP, English 12 AP
Mathematics	Algebra II A, AP Calculus AB, AP Calculus BC, Geometry A, Pre-Calculus A, Statistics AP
Science	Biology A, Biology AP, Chemistry A, Chemistry AP, Physics AP 1, Physics AP 2
Social Studies	American Government AP, American History A, American History AP, Psychology AP, World History AP

**Advanced Placement Exams:**

- Advanced Placement exams are administered each year in May through the College Board. Students enrolled in AP courses are expected to take the exam for the corresponding course. Registration for AP exams takes place in the fall through the College Board website and payments are made through an online payment company.
- Colleges/Universities may offer college credit or upper level placement for scores of 3 or better. Credit and placement vary from school to school, so it is important for students to check with their schools of interest to determine AP credit policies.
- Students enrolled in the Free/Reduced lunch program are eligible for a subsidy to cover most of the cost of the AP exams.

**Reading Program:** A series of developmental elective reading courses is available for students who read below their grade level. Students will be placed in the appropriate course based on a diagnostic reading test. Parents/Guardians will be notified prior to placement.

**Math Lab/Support:** A supplemental elective course is available at one or both schools for students recommended by a teacher or identified through standardized testing. Students must be concurrently enrolled in Algebra I, Geometry, or Algebra II.

**Concurrent/Dual Enrollment Courses:** Some high school courses may be eligible for college credit through the University of Nebraska-Omaha, Metro Community College, and Doane University. The courses offered each year vary depending on teacher certification and availability. There will be no tuition costs for courses taken through Metro Community College for the 2026-27 school year. Metro enrolled students may have other costs associated with their courses. Students taking courses through UNO are required to pay for the full cost of tuition (\$250.00). See your counselor for more details.

**MCC Career Academy and BPS Frank Kumor Career Center:** These programs offer students an opportunity to earn college credit toward their career field of choice. Most Career Academy courses are held at Metropolitan Community College during the afternoon. Students must be in good credit standing and provide their own transportation. BPS career programs are offered at the BPS Frank Kumor Career Center. District Transportation is provided to the BPS Frank Kumor Career Center. Students will earn pass/fail grades at the MCC Career Academy Program and letter grades at the BPS Frank Kumor Career Center. See your counselor for more information. An application is required.

**CollegeNOW!** High school students may be eligible to earn college credit at a significant discount while in high school through Metro Community College. Students should contact Metro Community College at (402) 662-2213 to speak to an academic advisor for more information.

**UNMC Health Alliance:** A partnership that provides innovative science courses to juniors and seniors. See your counselor for more information. Courses are held on the UNMC campus. An application is required.

**Henry Doorly Zoo Academy:** A partnership that provides innovative science courses to juniors and seniors. See your counselor for more information. Courses are held at the zoo. An application is required.

# High School Graduation Requirements

## Attendance:

Eight semesters of high school enrollment in grades 9-12 are required to be considered for graduation. Students must be enrolled in a minimum of four academic courses each semester.

## Credit Requirements:

Students must earn a minimum of 50 credits to graduate.

## Course Requirements:

Science	6 credits	Includes Life Science (e.g. Biology), Physical Science (e.g. Chemistry, Physics), and Earth and Space Science standards (e.g. Earth & Space Science course or integrated into Biology, Chemistry, and Physics)
English	8 credits	
Mathematics	6 credits	
Social Studies	6 credits	Must include American History, World History, Economics, and American Government courses
Personal Finance	1 credit	
Computer Science	1 credit	This is a new requirement starting with the class of 2028 per Nebraska LB1112 passed on April 18, 2022
Health	1 credit	
Physical Education	2 credits	A maximum of six P.E. credits will count for graduation
Electives	20 credits - Class of 2027 19 credits - Class of 2028	
Total:	50 credits	

## FAFSA Graduation Requirement:

Each student shall also complete and submit a Free Application for Federal Student Aid (FAFSA) prior to graduation, unless the required opt-out form is completed by either: (1) the student's parent/guardian; (2) the principal, if the principal determines that good cause exists not to require the student to complete the FAFSA; or (3) an emancipated student or student of at least 19 years of age.

## Recommended College Preparatory Courses

It is the responsibility of students and parents/guardians to become familiar with the requirements of the particular college to which the student plans to apply. Counselors can offer assistance in this area. In addition to the high school graduation course requirements, colleges and universities would also recommend that students successfully complete:

- World Language (same language) 4-8 credits
- Mathematics (students should complete Algebra II; UNL requires one year of math beyond Algebra II such as Pre-Calculus A, Discrete Math, Algebra III, Trigonometry, Statistics, or Statistics AP)
- Science (students may need to complete a fourth year of science)

In addition, the University of Nebraska (all campuses) requires that students do one of the following:

- Have a minimum cumulative GPA of 3.0 OR
- Score at least 20 on the ACT or 950 (Critical Reading and Math only) on the SAT

For more information on scholarships and college entrance requirements, visit your counselor, the Scholarship Secretary or the Career Center Coordinator.

## Athletic Eligibility for College

There are a variety of standards students must comply with to be eligible to participate in collegiate athletics. The standards are different for NCAA Division I, Division II, Division III, NAIA, and NJCAA. It is imperative that students planning to participate in collegiate athletics begin planning as a freshman. For more detailed information regarding the qualifying standards, contact your counselor.

## State and National Standardized Testing

There are a number of standardized tests that are offered at Bellevue East and Bellevue West during the school year. Some of these tests are optional and some are required. Each test measures different student skills and/or college placements. Here is a rundown of the tests offered:

### PSAT Test (preliminary SAT test)

- An optional test open to all sophomores and juniors; offered in the fall
- Covers math, critical reading, and writing skills
- Junior scores on the PSAT are used as qualifying scores for the National Merit Scholarship competition
- Students are responsible for the cost of the exam. Students register in the Counseling Office.

### ASVAB Test (Armed Services Vocational Aptitude Battery)

- An optional test open to juniors and seniors
- Given in the school district or by appointment with a military recruiter
- Covers aptitude and interests to give students an idea of their possible career options
- Students do not have to be planning a military enlistment to take the ASVAB but the military does use the results to determine appropriate career placement for enlistees
- There is no cost to the student for the ASVAB test. Students register in the Counseling Office.

### Accuplacer

- Is a placement exam for seniors planning to attend a community college
- Covers math, writing, computer skills and reading. Exam is offered at Metro by appointment.

### ACT Test/Practice ACT (American College Test)

- All juniors will take the state required ACT test during the spring semester at no cost to the student. All freshmen, sophomores, and juniors will participate in the Practice ACT each year.
- One of two possible entrance exams required by most four year colleges and universities
- Covers English, reading, math, science reasoning, and an optional writing section
- Register online at [www.actstudent.org](http://www.actstudent.org). (Students should send their scores directly to the college from ACT.)

### SAT Test (Scholastic Aptitude Test)

- One of two possible entrance exams required by most four year colleges and universities
- Covers math, critical reasoning, and writing
- Students register online at [www.collegeboard.com](http://www.collegeboard.com)

### Advanced Placement Exams:

- **AP exams are strongly encouraged** for students enrolled in AP English, math, science, computer science, social science, world language, and art. AP exams are offered in May each year.
- Colleges/Universities may offer college credit for scores of 3 or better. College credits will vary from school to school so it is important for students to check with their schools of interest to determine credit availability.
- Students enrolled in the free and reduced lunch program are also eligible for a subsidy to cover some of the costs of the AP exam. A deposit for AP exams will be required during the fall semester.

## Schedule Changes

The selection of a student's program is a serious undertaking. A tentative plan for your entire high school program should be made at the beginning of your high school years. Students and parents/guardians are encouraged to give registration adequate time and attention. Feel free to seek information from your counselors and teachers.

In most cases, **spring registration is final** due to the need to hire appropriate staff to teach courses. Careful planning makes this possible and eliminates the need for most drops, adds, or schedule changes. We realize that a few mistakes are made and thus some schedule changes will be necessary. Proper planning considers individual goals and abilities as well as anticipated school activities and activities out of school.

The following guidelines will be used in making schedule changes:

1. Students should make schedule changes for the upcoming school year by May 15 of the current school year. Changes can be made by contacting the counseling office.
2. Schedule changes requested in the current school year will only be given consideration within the first six days of the semester. Courses dropped after the first week of school can only be replaced with a study hall.
3. Any student requesting a schedule change must have permission of the parent/guardian, teacher and counselor. Decisions will be based on class availability, reason for the request, and the amount of disruption it may cause to the rest of the student's schedule.
4. Students requesting to change the difficulty level of a class (i.e. from AP to regular) must have approval of the building principal. Course level changes will only be considered prior to the sixth week of school.

Courses dropped after the 11<sup>th</sup> week of progression during a given semester will receive a failing grade.

### Repeating Courses:

- Students who repeat a course will only receive credit for the course the first time it is passed.
- Students successfully repeating a course that was failed previously will have both grades entered in their transcript.
- Students repeating a course they have previously passed will have only their higher grade recorded.
- Students successfully completing a previously failed course in summer school or through Edgenuity will receive a pass/fail grade.
- Students completing a course in Project Recovery, our credit recovery program, will receive a pass/fail grade.

### Earning Credit:

Students who become credit deficient or need to earn additional credits can do so in two ways:

Project Recovery - Credit Recovery Program: Coursework is done independently under teacher supervision and will include online courses. Students can earn credits in core area courses. Seniors beginning a course after the 12<sup>th</sup> week of the second semester will not receive credit until the conclusion of summer school and will not be eligible to participate in graduation ceremonies. Please see your counselor to register.

Summer School: The summer school program is three weeks in length. There are two sessions. The first session runs from 8:00-11:30 a.m. The second session runs from 12:00-3:30 p.m. Students can earn a maximum of two credits during summer school. In order to receive credit, regular attendance is mandatory.

## Aerospace Science

### Air Force Junior Reserve Officer Training Corps (AFJROTC)

Our mission is to “Develop Citizens of Character”

AFJROTC does not recruit students for military service

AFJROTC is a daily class and program that develops and challenges students to be respectful, responsible, and organized; keys to success for all career paths. Students practice teamwork, leadership, communication, and planning skills. They develop self-respect and a sense of accomplishment by working with their peers to improve their school and community. Most students (80%) do not pursue a military career; however, JROTC provides additional opportunities and pay for those that elect a military path. No service commitment is required.

BPS awards full elective credit for each semester completed and this is calculated into a student's GPA. Additionally, physical education and health requirements for graduation are completed within the curriculum. A cornerstone of Bellevue Public Schools since 1968.

\*\*Our four-year program can be started at any grade level with instructor permission.\*\*

**Optional activities for AFJROTC cadets include:** Drill Team, Saber Team, Air Rifle Team, CyberPatriot, Model Airplane, Rocket Club, Orienteering (Land Navigation), Kitty Hawk honor society, and Cadet Corps Leadership positions.

**AFJROTC students in 11<sup>th</sup> and 12<sup>th</sup> grade will be provided priority placement in the BPS Aviation Academy located at the BPS Frank Kumor Career Center.**

**Course:** Aerospace Science I (co-curricular)    **Grade:** 9<sup>th</sup>    **Course Length:** 1 year, 2 credits

**Prerequisite:** None. Students are required to follow Air Force grooming standards (haircuts, etc.) and wear the provided Air Force uniform once a week (**Uniform provided free of charge**)

**Description:** Aerospace Science I Curriculum: Uniform wear and care, attitude discipline and respect, basic military drill, history of airpower. Leadership qualities are developed through study and practice. The AFJROTC Wellness Program includes weekly physical activities as well as the study of active lifestyles, proper diet and weight control, the development of healthy habits, mental health and well being including stress management. Making good choices, including the avoidance of drugs, alcohol, are covered. **Note:** Attendance at three to four after school events is mandatory.

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**Course:** Aerospace Science II (co-curricular)    **Grade:** 10<sup>th</sup>    **Course Length:** 1 year, 2 credits

**Prerequisite:** Students are required to follow Air Force grooming standards (haircuts, etc.) and wear the provided Air Force uniform once a week

**Description:** Aerospace Science II explores principles of flight, aerodynamics, aviation weather, leadership styles, and individual/group dynamics. Leadership and management are studied and practiced. The AFJROTC Wellness Program includes healthy lifestyle habits, physical fitness, and team building sports activities. **Note:** Attendance at three to four after school events is mandatory.

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**Course:** Aerospace Science III (co-curricular)    **Grade:** 11<sup>th</sup>    **Course Length:** 1 year, 2 credits

**Prerequisite:** Students are required to follow Air Force grooming standards (haircuts, etc.) and wear the provided Air Force uniform once a week

**Description:** Space programs are studied, along with space exploration, organization of the Air Force, and organizational management. Students explore college finance and scholarship options along with how to improve ACT scores. Military financed college options are discussed. Civilian career options, application, and interview skills are practiced. The AFJROTC Wellness Program includes: healthy lifestyle habits, physical fitness, and team building sports activities. **Note:** Attendance at three to four after school events is mandatory.

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**Course:** Aerospace Science IV (co-curricular)    **Grade:** 12<sup>th</sup>    **Course Length:** 1 year, 2 credits

**Prerequisite:** Students are required to follow Air Force grooming standards (haircuts, etc.) and wear the provided Air Force uniform once a week

**Description:** This course is a program developed for senior cadets emphasizing civil aviation, time management, and life after high school and career opportunities for military, military academies, and/or comparable civilian jobs. The AFJROTC Wellness Program includes healthy lifestyle habits, physical fitness, and team building sports activities. **Note:** Attendance at three to four after school events is mandatory. **Note:** At Bellevue East HS the junior and senior curriculum is taught in alternating years.

## Art

\*Course availability may depend on staffing and enrollment numbers\*

**Course:** Art Thesis (East only)   **Grade:** 11<sup>th</sup>, 12<sup>th</sup>   **Course Length:** 1 year, 2 credits

**Prerequisite:** Teacher Permission

**Description:** Art Thesis is designed for the highly motivated junior or senior art student who desires an opportunity to explore at an accelerated pace in a variety of media while expressing their artistic voice. There is an emphasis on art history and preparation for studying art at the postsecondary level. Students are required to develop a complete portfolio.

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**Course:** Ceramics I   **Grade:** 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>   **Course Length:** 1 semester, 1 credit

**Prerequisite:** Successful completion of Introduction to Art

**Description:** This course is an introduction to wheel-thrown and hand-built processes in clay.

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**Course:** Ceramics II   **Grade:** 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>   **Course Length:** 1 semester, 1 credit

**Prerequisite:** Successful completion of Ceramics I

**Description:** This course will look deeper into the processes of wheel-thrown and hand-built ceramics.

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**Course:** Drawing I   **Grade:** 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>   **Course Length:** 1 semester, 1 credit

**Prerequisite:** Successful completion of Introduction to Art

**Description:** This course will teach basic drawing skills using a variety of media, techniques, and processes.

---

**Course:** Drawing II   **Grade:** 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>   **Course Length:** 1 semester, 1 credit

**Prerequisite:** Successful completion of Drawing I

**Description:** This course builds on drawing skills with greater emphasis on handling materials, exploration of technique, organization of composition, and further development of artistic awareness.

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**Course:** Drawing III   **Grade:** 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>   **Course Length:** 1 semester, 1 credit

**Prerequisite:** Successful completion of Drawing II

**Description:** This course will refine drawing skills with more emphasis on handling materials, exploration of technique, and compositional theories. Students will develop a personal style and begin to create a portfolio.

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**Course:** Introduction to Art   **Grade:** 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>   **Course Length:** 1 semester, 1 credit

**Description:** The 2D unit teaches drawing, art elements and principles, color theory, and painting. The 3D unit teaches pottery, sculpture, and printmaking. Other forms of art will be explored using a variety of media and techniques. Students must earn a "C" or above to continue on to other art courses.

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**Course:** Painting I   **Grade:** 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>   **Course Length:** 1 semester, 1 credit

**Prerequisite:** Successful completion of Introduction to Art

**Description:** This course will teach basic painting skills using a variety of media, techniques, and processes.

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**Course:** Painting II    **Grade:** 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 semester, 1 credit

**Prerequisite:** Successful completion of Painting I

**Description:** This course builds on painting skills with greater emphasis on handling materials, exploration of technique, organization of composition, and further development of artistic awareness.

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**Course:** Sculpture I    **Grade:** 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 semester, 1 credit

**Prerequisite:** Successful completion of Introduction to Art

**Description:** This course will look at a variety of sculptural materials and processes to create 3-D works of art.

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**Course:** Sculpture II    **Grade:** 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 semester, 1 credit

**Prerequisite:** Successful completion of Sculpture I

**Description:** This course will build on the knowledge of 3-D sculptural processes and materials. Students will express their artistic style through a wide range of thought-provoking projects.

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**Course:** Studio Art 2D AP    **Grade:** 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 year, 2 credits

**Prerequisite:** Teacher Permission

**Description:** Portfolios allow flexibility of coursework while guiding students to produce college-level quality, artistic investigation, and breadth of work. The 2-D portfolio addresses issues such as line quality, light and shade, rendering of form, composition, surface manipulation, the illusion of depth, mark-making, and how to use the elements and principles of art. Students' portfolios demonstrate skills and ideas developed, refined, and applied throughout the course to produce visual compositions.

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**Course:** Studio Art 3D AP    **Grade:** 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 year, 2 credits

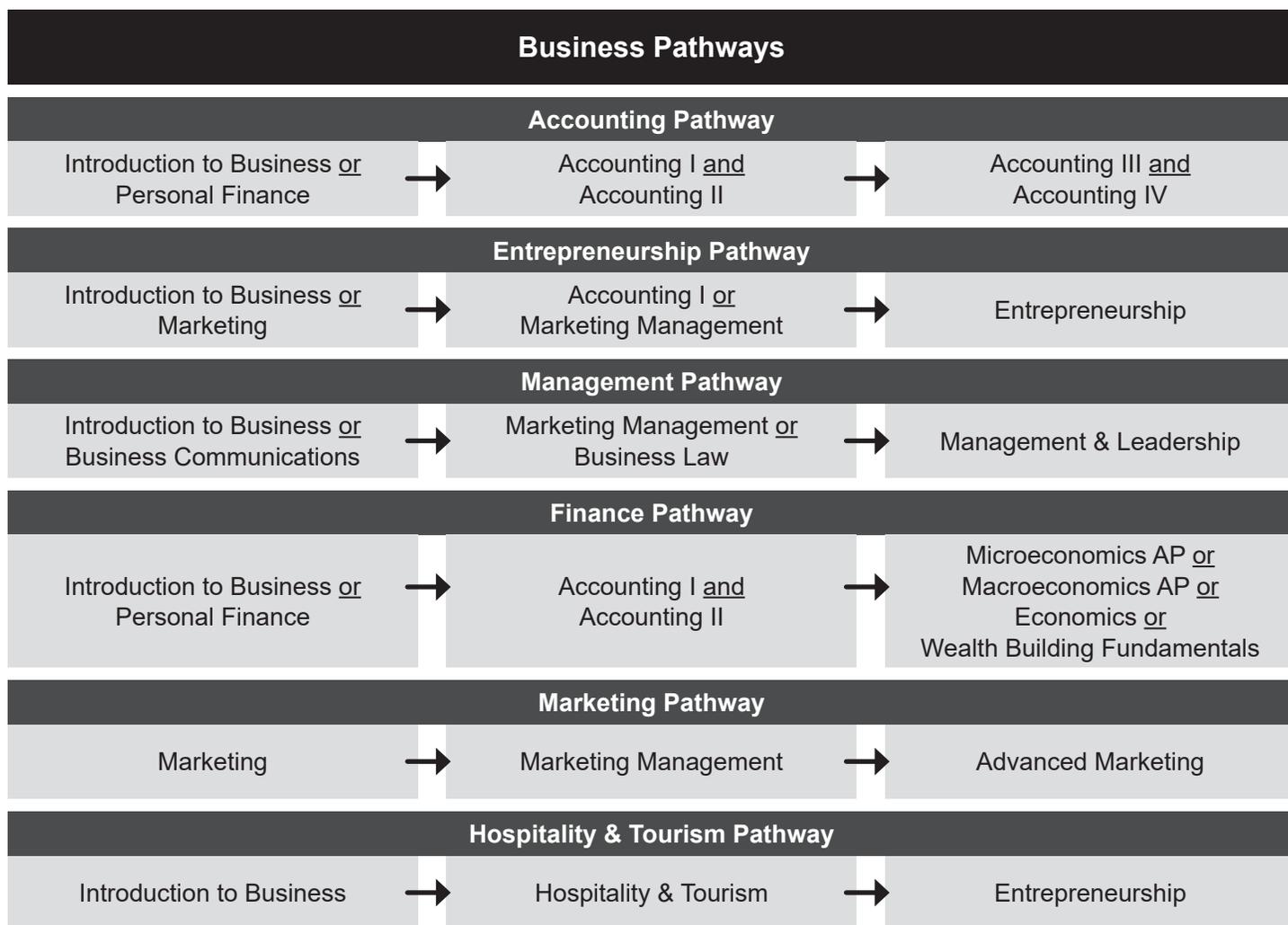
**Prerequisite:** Teacher Permission

**Description:** Portfolios allow flexibility of coursework while guiding students to produce college-level quality, artistic investigation, and breadth of work. The 3-D portfolio involves decision making about how to use the elements and principles of art as they relate to the integration of depth, space, volume, and surface, either actual or virtual. Students' portfolios demonstrate skills and ideas developed, refined, and applied throughout the course to produce visual compositions.

## Business

Nebraska's six Career & Technical Education (CTE) career fields are organized into clearly defined pathways that help students explore interests, develop real-world skills, and progress toward high-skill, high-demand careers. Each pathway provides a structured sequence of learning—from introductory experiences to advanced, hands-on coursework—ensuring that every student can connect classroom learning to meaningful postsecondary opportunities and future career success.

Students are encouraged to explore the courses within each CTE pathway, but they are not required to complete every class. However, those who do complete the full sequence of pathway courses will receive special recognition for their commitment and career-focused preparation.



**Course:** Accounting I    **Grade:** 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 semester, 1 credit

**Prerequisite:** Successful completion of Algebra I and Geometry with a C or higher

**Description:** This course covers a service business organized as a sole proprietorship which will include accounting principles involved in the preparation and maintenance of financial records concerned with business management and operations. It is a comprehensive introduction to basic accounting including recording, summarizing and reporting, principles of income measurement and asset valuation, and accounting systems and controls. Students are exposed to careers in the accounting field and are given the opportunity to perform accounting applications using technology. This course is highly recommended for all students who plan to major in or have a career in any area of business, entrepreneurship, or economics.

**Course:** Accounting II    **Grade:** 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 semester, 1 credit

**Prerequisite:** Successful completion of Accounting I with a C or higher

**Description:** This course will develop accounting skills that build upon those acquired in Accounting I. Students will continue to apply concepts of double-entry accounting systems related to a merchandising business organized as

a corporation. Additional accounting skills will be developed, including preparing and journalizing payroll records, calculating, recording, and adjusting entries, and interpreting financial information. Students are given the opportunity to explore career-related skills and perform accounting applications using technology. This course is highly recommended for all students who plan to major in or have a career in any area of business, entrepreneurship, or economics.

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**Course:** Accounting III    **Grade:** 12<sup>th</sup>    **Course Length:** 1 semester, 1 credit

**Prerequisite:** Successful completion of Accounting II with a C or higher

**Description:** This course includes corporate accounting, adjustment in inventory control systems, budgetary control systems, and further enhancement of accounting skills. After completing this course, students will have a major advantage when taking college accounting and possess the skills necessary for entry-level accounting and bookkeeping careers. This course is highly recommended for all students who plan to major in or have a career in any area of business, entrepreneurship, or economics.

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**Course:** Accounting IV    **Grade:** 12<sup>th</sup>    **Course Length:** 1 semester, 1 credit

**Prerequisite:** Successful completion of Accounting III with a C or higher

**Description:** This course focuses on partnerships, corporations, financial management, and internal controls. Students will learn how to account for capital stock, manage budgets, and analyze financial transactions. Students will manage, report, and analyze financial reports for corporations. After completing this course, students will have a major advantage when taking college accounting and possess the skills necessary for entry-level accounting and bookkeeping careers.

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**Course:** Advanced Marketing    **Grade:** 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 year, 2 credits

**Prerequisite:** Successful completion of Marketing and Marketing Management

**Description:** This course is an expansion and application of previous marketing studies with an emphasis on learning to develop responsive marketing strategies that meet customer needs. Students will focus on organization and society where they will develop a marketing, management, hospitality and tourism, business operations, or financial project.

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**Course:** Avenue Scholars    **Grade:** 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 year, 2 credits

**Prerequisite:** Information session and application before final enrollment

**Description:** The Avenue Scholars program prepares students for high-skill, high-demand, and high-wage jobs. An Avenue Scholars Career Coach teaches the class and supports students throughout their junior and senior years in high school. In this class, students will learn about their strengths, interpersonal skills, and obtaining employment. They will also gain a better understanding of themselves and work towards setting and achieving goals aligned with their future career interests. Program completers will receive ongoing support and coaching for up to 2.5 years after high school. (Course may be taken for two years consecutive years).

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**Course:** Business Communications    **Grade:** 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 semester, 1 credit

**Description:** Students will reinforce communication skills needed in all walks of life. This takes place especially in business, management, and administrative occupations. You will be composing and reading written and digital communications, developing and delivering presentations, applying listening skills to obtain and clarify information, and exhibiting interpersonal skills to deal positively with diverse individuals. This course is highly recommended for all students involved in Career Student Organizations and future college business majors.

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**Course:** Business Law    **Grade:** 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 semester, 1 credit

**Description:** In this course, students develop an understanding of laws and regulations that impact business. Topics included are contracts, environmental, and employment law. Students also acquire knowledge of business torts, sources of law, and the United States judicial system and legal procedures.

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**Course:** Entrepreneurship    **Grade:** 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 semester, 1 credit

**Prerequisite:** Successful completion of Introduction to Business, Marketing or Accounting I. It is recommended that students registering for this course take all 3 courses

**Description:** Entrepreneurship is a course with emphasis on the evaluation of the business skills and commitment necessary to successfully operate an entrepreneurial venture and review the challenges and rewards of entrepreneurship. The role of entrepreneurial businesses in the United States and the impact on the national and global economy will be explored.

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**Course:** Hospitality & Tourism    **Grade:** 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 semester, 1 credit

**Prerequisite:** Successful completion of Introduction to Business

**Description:** Thinking of working in the tourism industry or perhaps managing or owning your own restaurant, entertainment venue, or hotel? Hospitality & Tourism provides the student with an understanding of one of the largest industries in the world. Specific applications include the evolution of the industry, food and beverage, lodging, international and domestic travel, recreation, tourism, general business operations, and hospitality and tourism career exploration.

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**Course:** Information Technology Applications I    **Grade:** 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 semester, 1 credit

**Description:** In this course class, you'll explore how new technology can help you succeed in high school, college, and your future job. You'll learn about being a good digital citizen, how to communicate like a professional, how to manage spreadsheets, create professional presentations, and use different computer programs.

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**Course:** Information Technology Applications II    **Grade:** 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 semester, 1 credit

**Prerequisite:** Successful completion of Information Technology Applications I

**Description:** This course will focus on skill development in data science using word processing, spreadsheets, databases, and integration of applications utilizing advanced features. Students taking both Information Technology Applications I and II may be eligible for dual credit at a participating postsecondary institution. Skills, standards, and coursework align with industry certifications

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**Course:** Introduction to Business    **Grade:** 9<sup>th</sup>, 10<sup>th</sup>    **Course Length:** 1 semester, 1 credit

**Description:** This course is designed to introduce students to the Business, Marketing, and Management Career Field which focuses on organization, economics, management, marketing, financial management, and operations. Career opportunities and technology will also be used and discussed.

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**Course:** Jobs for American Graduates (JAG)    **Grade:** 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 year, 2 credits

**Prerequisite:** Information session and application before final enrollment

**Description:** JAG provides students with career and post-secondary education exploration and self-development. Students will develop skills and awareness that will benefit them in the workplace through project-based learning, speakers, field trips, job shadowing, and internships. The JAG Program is designed to help students with employability skills development, career association, job development, and job placement services that will result in either a quality job leading to a career after graduation or enrollment in a postsecondary education or training program. Students who register for this class will be provided an opportunity to attend an information session and will complete an application. While any student can request to enroll, the number of participants in the program will be limited to students who meet the criteria for the JAG program. 12th grade students in this course may choose to participate in the Wealth Management/JAG Internship.

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**Course:** Macroeconomics AP (Advanced Placement) (East only)    **Grade:** 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 semester, 1 credit

**Prerequisite:** Successful completion of Algebra I and Geometry, both with a grade of C or higher. It is also recommended that students registering for this course have above average performance in their current or previous English, social studies, and business courses

**Description:** Macroeconomics AP is a college-level course designed for students seeking a career or post-secondary education in business or economics. In this course, you will explore and apply principles of economics to an economic system as a whole. You will use graphs and other data to analyze, describe, and explain economic concepts. These

concepts include economic indicators, national income, the financial sector, stabilization policies, international trade, and finance. This course is designed to prepare students for the Macroeconomics AP exam in May. Students are strongly encouraged to enroll in both Macroeconomics AP and Microeconomics AP during the same academic year. Students have the option to take Macroeconomics AP as a dual-enrollment course (East only). This course fulfills the high school graduation requirement for Economics.

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**Course:** Management & Leadership    **Grade:** 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 semester, 1 credit

**Prerequisite:** Successful completion of Introduction to Business or Marketing

**Description:** This course emphasizes the basic concepts of management and leadership within a business or organization. It addresses characteristics, organization, and operation of business as major sectors of the economy. Students will investigate management issues involved in planning, organizing, leading, and controlling an organization.

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**Course:** Management Internship    **Grade:** 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 year, 2 credits

**Prerequisite:** Must be enrolled in a business course and have teacher permission

**Description:** This course provides school credit for work experiences under actual job conditions. Students run the school coffee shop and learn skills in retail, cash, inventory, and customer service management.

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**Course:** Marketing    **Grade:** 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 semester, 1 credit

**Prerequisite:** Information Technology Applications I and Introduction to Business strongly recommended

**Description:** This course develops basic student understanding and skills in the functions of marketing. Emphasis is placed on the impact of marketing activities on the individual, business, and society. Topics include market analysis, marketing information management, target customer identification, the development of marketing-mix strategies, and an in-depth look at the selling process.

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**Course:** Marketing Internship    **Grade:** 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 year, 2 credits

**Prerequisite:** Must be enrolled in a business course and have teacher permission

**Description:** This course provides school credit for work experiences under actual job conditions. Students run the school store and learn skills in retail, cash, inventory, and customer service management.

---

**Course:** Marketing Management    **Grade:** 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 semester, 1 credit

**Prerequisite:** Successful completion of Marketing

**Description:** This second semester of Marketing furthers student understanding and skills in various marketing functions, including channel management, marketing-information management, market planning, pricing, product/service management, and promotion with the sports and entertainment industries embedded.

---

**Course:** Microeconomics AP (Advanced Placement) (East only)    **Grade:** 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 semester, 1 credit

**Prerequisite:** Successful completion of Algebra I and Geometry, both with a grade of C or higher. It is also recommended that students registering for this course have above average performance in their current or previous English, social studies, and business courses

**Description:** Microeconomics AP is a college-level course designed for students seeking a career or post-secondary education in business or economics. In this course, you will apply economic principles to understand individuals' behavior within an economic system. You will use graphs and other data to analyze, describe, and explain economic concepts. In this class, you will learn about supply and demand, production and cost, perfect and imperfect competition models, factor markets, market failure, and the role of the government from a micro level. This course is designed to prepare students for the Microeconomics AP exam in May. Students are strongly encouraged to enroll in both Macroeconomics AP and Microeconomics AP during the same academic year. Students have the option to take Microeconomics AP as a dual-enrollment course (East only). This course fulfills the high school graduation requirement for Economics.

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**Course:** Personal Finance    **Grade:** 11<sup>th</sup>    **Course Length:** 1 semester, 1 credit

**Description:** In this course, you will learn how to make smart money choices that will help you now and in the future. This course is a graduation requirement and aims to empower you to become a financially savvy individual as you transition into adulthood. You'll explore topics like how to pay for college, how banks work, how to save and invest money, how to find a job and manage your income, how to use credit wisely, how to budget and spend money wisely, and how insurance works. Through fun activities and real-life situations, you'll learn how to make good financial decisions and set goals for your future.

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**Course:** Wealth Building Fundamentals    **Grade:** 12<sup>th</sup>    **Course Length:** 1 semester, 1 credit

**Prerequisite:** Personal Finance

**Description:** This course is designed to provide knowledge of wealth building management. Students learn to manage their resources to make sound personal financial decisions, interpret data to develop short- and long-term budgetary plans, and develop product knowledge related to financial planning. Students will develop a financial plan that includes savings, investing, credit management, risk management, and retirement. Work-related skills such as money management and tax preparation are explored.

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**Course:** Wealth Building Fundamentals/JAG Internship    **Grade:** 12<sup>th</sup>    **Course Length:** 1 year, 2 credits

**Prerequisite:** Must be enrolled in Wealth Building Fundamentals or JAG and approval of Wealth Building Fundamentals and JAG Coordinator

**Description:** Provides school credit for work experiences under actual job conditions. One credit per semester will be given for being employed a minimum of 180 hours per semester. Students will earn the prevailing wage.

## Communicative Arts

Nebraska's six Career & Technical Education (CTE) career fields are organized into clearly defined pathways that help students explore interests, develop real-world skills, and progress toward high-skill, high-demand careers. Each pathway provides a structured sequence of learning—from introductory experiences to advanced, hands-on coursework—ensuring that every student can connect classroom learning to meaningful postsecondary opportunities and future career success.

Students are encouraged to explore the courses within each CTE pathway, but they are not required to complete every class. However, those who do complete the full sequence of pathway courses will receive special recognition for their commitment and career-focused preparation.

### Communicative Arts & Information Technology Pathways

#### Broadcast Journalism Pathway

Photography & Graphic Design → Video Production → Media Production

#### Digital Design Pathway

Photography & Graphic Design → Digital Design → Advanced Digital Design: Newspaper Production or Advanced Digital Design: Yearbook Production

#### Business Technology Pathway

Information Technology Applications I and Information Technology Applications II → Digital Design → Business Communications

#### Computer Science Pathway

Introduction to Python Programming or IT Fundamentals → Computer Science Principles AP → Computer Science-A AP

**Course:** Advanced Competitive Speech (co-curricular) **Grade:** 11<sup>th</sup>, 12<sup>th</sup> **Course Length:** 1 year, 2 credits

**Prerequisite:** Successful completion of Intermediate Competitive Speech and teacher audition

**Description:** Students will learn how to judge speech competitions and how to run tournaments. Participation in a minimum of four tournaments in two events per semester will be required which will require additional time beyond the school day. After successful completion of the course, students may repeat the course for credit.

**Course:** Advanced Digital Design: Newspaper Production (co-curricular) **Grade:** 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>

**Course Length:** 1 year, 2 credits

**Prerequisite:** Successful completion of Journalistic Writing, Photography and Graphic Design, or Digital Design

**Description:** Students will apply for a position on the newspaper staff which they will hold all year. They will produce three to four issues per year and maintain an online news website, which will require additional time beyond the school day. In addition, students will have opportunities to enter state and national competitions and attend conferences. Experienced students will hold positions of greater responsibility. Students will also have the opportunity to become Adobe Certified in PhotoShop or InDesign. After successful completion of the course, students may repeat the course for credit.

**Course:** Advanced Digital Design: Yearbook Production (co-curricular) **Grade:** 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>

**Course Length:** 1 year, 2 credits

**Prerequisite:** Successful completion of Journalistic Writing and Photography and Graphic Design or Digital Design

**Description:** Students will apply for a position on the yearbook staff which they will hold all year. Students will produce

a 200+ page yearbook and maintain an online news website which will require additional time beyond the school day. In addition, students will have opportunities to enter state and national contests and attend conferences. Experienced students will hold positions of greater responsibility. Students will also have the opportunity to become Adobe Certified in PhotoShop or InDesign. After successful completion of the course, students may repeat the course for credit.

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**Course:** Advanced Theatre (co-curricular)    **Grade:** 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 year, 2 credits

**Prerequisite:** Successful completion of Introduction to Theatre and Intermediate Theatre or successful audition for instructor

**Description:** Students will continue their study of acting through application of rehearsal and performance skills, including varied approaches to acting, style work in acting, advanced technical theatre, and directing (students will direct 10 minute plays for the stage in the spring). Students will be required to complete technical theatre (backstage) lab hours on school productions as well as attend and participate in performances/rehearsals outside of class time, which will require additional time beyond the school day. After successful completion of the course, students may repeat the course for credit with the permission of the instructor.

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**Course:** Creative Writing    **Grade:** 10<sup>th</sup> (East only), 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 semester, 1 credit

**Prerequisite:** Successful completion of regular or advanced English 9 and 10

**Description:** This course focuses on the development of writing different types of fiction, poetry, and creative nonfiction. Students entering this course are expected to possess strong writing, grammar, mechanics, usage, and reading skills. This class also offers students the chance to edit and publish the school's literary journal.

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**Course:** Digital Design    **Grade:** 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 semester, 1 credit

**Description:** **This class uses Apple computers exclusively.** Students will learn graphic design theory and how to use Adobe InDesign, and Photoshop to create a variety of publications. Students will also explore careers in digital design, and learn photojournalism, photography, and motion graphics editing skills. This class is project-oriented. **This class is required for students seeking a position on yearbook or newspaper staff.** **Note:** Students will not learn programming, game design, or the Microsoft Office Suite. This course's assignments are done using specific software only accessible at school, and some students may need to come in before or after school to successfully complete the curriculum. Students enrolled in the course 1st semester who wish to join yearbook 2nd semester may apply after successful completion of the course. Students can become Adobe Certified in PhotoShop and InDesign upon completion of the course.

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**Course:** Intermediate Competitive Speech (co-curricular)    **Grade:** 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 year, 2 credits

**Prerequisite:** Successful completion of Introduction to Competitive Speech or Introduction to Theatre with teacher approval

**Description:** Students will continue to develop skills learned in Introduction to Competitive Speech. Competing in a minimum of two varsity tournaments in the same event each semester will be required which will require additional time beyond the school day.

---

**Course:** Intermediate Theatre (co-curricular)    **Grade:** 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 year, 2 credits

**Prerequisite:** Introduction to Theatre or Introduction to Competitive Speech with teacher approval or successful audition for the instructor

**Description:** Students will study periods and styles of performance, dramatic literature, and technical theatre as actor, director, technician, designer, playwright, researcher, and critic through scene work, games, and production of a one-act play. Students will produce short plays for touring to elementary schools. Students will also study the history of theatre including the time periods: Medieval, Renaissance, Commedia del'Arte, and Restoration. Students will be required to perform in a recital/showcase at the end of the year which will require time beyond the school day.

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**Course:** Introduction to Competitive Speech (co-curricular)    **Grade:** 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 year, 2 credits

**Description:** This course will teach the skills needed to compete on the high school forensics team. Students will write and perform speeches and memorize and perform humorous and dramatic pieces. Students will be required to compete in at least two novice tournaments each semester which will require additional time beyond the school day.

---

**Course:** Introduction to Theatre (co-curricular) **Grade:** 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> **Course Length:** 1 year, 2 credits

**Description:** Students will explore the world of theatre through theatre games and activities, improvisation, and scene work. The student will take on the role of actor, director, technician, designer, playwright, researcher, and critic. Students will also study the history of Greek and Roman Theatre. Students will be required to perform in a recital/showcase at the end of the year which will require time beyond the school day.

---

**Course:** Journalistic Writing **Grade:** 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> **Course Length:** 1 semester, 1 credit

**Prerequisite:** Recommend above average grades in English

**Description:** Journalistic Writing will train students to be student journalists. Students will learn interviewing skills and will write the following types of news stories: news, feature, sports, opinion and review. Students will not write “journals” in this class. **This class is required for any student wishing to apply for Newspaper, Yearbook, or Media Production.** Students enrolled in the course 1st semester who wish to join the Newspaper staff 2nd semester may apply after successful completion of the course.

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**Course:** Media Production **Grade:** 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> **Course Length:** 1 year, 2 credits

**Prerequisite:** Successful completion of Video Production and Journalistic Writing

**Description:** Students will apply for a position on the Media Production staff, which they will hold all year. Students will produce video content and maintain a news website, create short films, and broadcast live sporting events, which will require additional time beyond the school day. Experienced students will hold positions of greater responsibility. Students will also have the opportunity to become Adobe Certified in Premiere Pro or After Effects. After successful completion of the course, students may repeat the course for credit.

---

**Course:** Performance Studies (co-curricular) **Grade:** 12<sup>th</sup> **Course Length:** 1 year, 2 credits

**Prerequisite:** Successful completion of Introduction to Theatre, Intermediate Theatre, and Advanced Theatre or successful completion of Advanced Theatre and permission of instructor

**Description:** Production based course for students interested in studying theatre after high school. Students take on leadership roles for school and independent productions. Portfolios and résumés will be developed with a focus on careers in theatre production and education. In addition, students will continue further study in specific areas of theatre that interest them, such as acting, directing, teaching, designing, and/or playwriting. Students must complete technical theatre lab hours as well as attend and participate in performances/rehearsals outside of class time, which will require additional time beyond the school day.

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**Course:** Photography & Graphic Design **Grade:** 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> **Course Length:** 1 semester, 1 credit

**Description:** **This class uses Apple computers exclusively.** Students will learn graphic design theory and how to use Adobe InDesign and Photoshop to create a variety of publications. Students will also learn photojournalism and photography, audio, and video editing skills. This class is project-oriented. **This class is required for students seeking a position on yearbook or newspaper staff.** **Note:** Students will not learn programming, game design, or the Microsoft Office Suite. This course’s assignments are done using specific software only accessible at school, and some students may need to come in before or after school to successfully complete the curriculum. Students enrolled in the course 1st semester who wish to join yearbook 2nd semester may apply after successful completion of the course.

---

**Course:** Popular Culture Creation **Grade:** 9<sup>th</sup>, 10<sup>th</sup> **Course Length:** 1 semester, 1 credit

**Description:** Students will examine the background of television, movies, music, advertising, Internet, and film. Students will then create their own television pitches, short films, music, and ads using apps on the iPad. This course is **not** a prerequisite to take Popular Culture Studies.

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**Course:** Popular Culture Studies **Grade:** 11<sup>th</sup>, 12<sup>th</sup> **Course Length:** 1 semester, 1 credit

**Description:** Students will examine television, movies, music, advertising, Internet and technology, and film. Students will analyze messages that these different media send, including investigating the motives of those who produce them. Students do not need to have taken Popular Culture Creation to enroll in this course.

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**Course:** Stagecraft (co-curricular)    **Grade:** 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 year, 2 credits

**Description:** Students will explore the world of technical theatre through work in set building, scenic art (paint), properties, sound, lighting, stage management, marketing, and costumes. Students will be required to complete technical theatre (backstage) lab hours on school productions, which will require additional time beyond the school day.

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**Course:** Theatre Production & Management (co-curricular)    **Grade:** 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 year, 2 credits

**Prerequisite:** Completion of Stagecraft and/or permission of instructor

**Description:** Students will complete the technical theatre aspects (set, props, lights, sound, paint, costumes, marketing, stage management) for all mainstage productions. Students may choose the technical theatre area that interests them the most to focus on. Theatrical Production and Management courses prepare students to manage the planning, design, preparation, and production of plays and other theatrical performances. Course content includes theatrical design, program management, dramatic production, dramaturgy, script interpretation, business management, marketing, public relations, and communications skills. Students will be required to complete technical theatre (backstage) lab hours on school productions, which will require additional time beyond the school day. After successful completion of the course, students may repeat the course for credit with permission of the instructor. 11<sup>th</sup> and 12<sup>th</sup> graders can step into leadership roles as heads of crews.

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**Course:** Video Production    **Grade:** 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 semester, 1 credit

**Description:** **This class uses Apple computers exclusively.** This course will teach students basic videography as well as video editing. Students will learn basic photo and broadcast journalism skills. This class is project oriented. **This class is required for students seeking a position on the Media Production staff.** **Note:** Students will not learn programming, game design, or the Microsoft Office Suite. This course's assignments are done using specific software, and some students may need to come in before or after school to successfully complete the curriculum. Students will also have the opportunity to become Adobe Certified in Premiere Pro or After Effects. Students enrolled in the course 1st semester who wish to join the Media Production staff 2nd semester may apply after successful completion of the course.

## Computer Science & Information Technology

Nebraska's six Career & Technical Education (CTE) career fields are organized into clearly defined pathways that help students explore interests, develop real-world skills, and progress toward high-skill, high-demand careers. Each pathway provides a structured sequence of learning—from introductory experiences to advanced, hands-on coursework—ensuring that every student can connect classroom learning to meaningful postsecondary opportunities and future career success.

Students are encouraged to explore the courses within each CTE pathway, but they are not required to complete every class. However, those who do complete the full sequence of pathway courses will receive special recognition for their commitment and career-focused preparation.

### Communicative Arts & Information Technology Pathways

#### Broadcast Journalism Pathway

Photography & Graphic Design → Video Production → Media Production

#### Digital Design Pathway

Photography & Graphic Design → Digital Design → Advanced Digital Design: Newspaper Production or Advanced Digital Design: Yearbook Production

#### Business Technology Pathway

Information Technology Applications I and Information Technology Applications II → Digital Design → Business Communications

#### Computer Science Pathway

Introduction to Python Programming or IT Fundamentals → Computer Science Principles AP → Computer Science-AAP

**Course:** Computer Science-AAP (Advanced Placement) **Grade:** 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> **Course Length:** 1 year, 2 credits

**Prerequisite:** Introduction to Python Programming or Computer Science Principles AP

**Description:** This course will emphasize object-oriented programming and focus on problem-solving and algorithm development. Computer Science-AAP is meant to be the equivalent of a first-semester college-level course in Computer Science. Other topics will include data structures, standard algorithms, and also the ethical and legal issues of computing. This course is designed to prepare students for the Computer Science-AAP Exam.

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**Course:** Computer Science Principles AP (Advanced Placement) **Grade:** 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>

**Course Length:** 1 year, 2 credits

**Description:** This course offers a multidisciplinary approach to teaching the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. Computer Science Principles AP also gives students the opportunity to use current technologies to create computational artifacts for both self-expression and problem-solving. Together, these aspects of the course make up a rigorous and rich curriculum that aims to broaden participation in computer science. This course fulfills the high school graduation requirement for Computer Science.

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**Course:** Cybersecurity **Grade:** 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> **Course Length:** 1 semester, 1 credit (Spring only)

**Prerequisite:** Strong literacy skills and IT Fundamentals

**Description:** This is a survey course that explores fundamental knowledge and skills in the field of cybersecurity. Topics

explored include cryptography, software and network vulnerabilities, governance, global impacts, and career fields in information assurance.

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**Course:** Exploring Computer Science    **Grade:** 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 semester, 1 credit

**Description:** This course introduces students to the foundations of computer science with a focus on how computing powers the world. Students will learn ethical practices and behaviors of digital citizenship. Along with an introduction to hardware, software, emerging technologies, cybersecurity, and basic programming skills. This course fulfills the high school graduation requirement for Computer Science.

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**Course:** Information Technology Applications I    **Grade:** 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 semester, 1 credit

**Description:** In this course, you'll explore how new technology can help you succeed in high school, college, and your future job. You'll learn about being a good digital citizen, how to communicate like a professional, how to manage spreadsheets, create professional presentations, and use different computer programs.

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**Course:** Information Technology Applications II    **Grade:** 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 semester, 1 credit

**Prerequisite:** Successful completion of Information Technology Applications I

**Description:** This course will focus on skill development in data science using word processing, spreadsheets, databases, and integration of applications utilizing advanced features. Students taking both Information Technology Applications I and II may be eligible for dual credit at a participating postsecondary institution. Skills, standards, and coursework align with industry certifications.

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**Course:** Introduction to Python Programming    **Grade:** 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 semester, 1 credit

**Description:** This course is designed for students who have never programmed before and serves as a starting point for Computer Science. Students will explore the impact of computing on society. Beyond learning the fundamentals of Python programming, students build computational thinking skills by applying computer science to collaboration tools, modeling and simulation, and data analysis. This course fulfills the high school graduation requirement for Computer Science.

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**Course:** IT Fundamentals    **Grade:** 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 semester, 1 credit

**Prerequisite:** Strong literacy skills

**Description:** This course develops the students' abilities to analyze, evaluate, strategize, and reflect upon technologies such as computer hardware, computer software, web technologies, databases, networking, security, and software development. Students will also be introduced to ever-changing information technology careers along with developing positive and ethical behaviors/practices. This course fulfills the high school graduation requirement for Computer Science.

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**Course:** Web Design & Development    **Grade:** 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 semester, 1 credit (Spring only)

**Prerequisite:** Strongly encourage taking one of the required computer science graduation courses before or concurrently with this course

**Description:** Students will demonstrate advanced knowledge of web/app design and languages by creating a content-rich and visually-pleasing website/app that captures and keeps visitors' interests. Focus will be given to effective page you, image creation and manipulation, interactivity, content creation, and project management.

## English/Language Arts

Each English course encompasses reading, vocabulary, writing, and speaking and listening. At each grade level, students will develop an understanding of a variety of literary genres. The goals of instruction are analyzing and discussing literature, understanding the elements of composition, and communicating effectively.

	Standard Pathway	Accelerated Pathway
<b>9<sup>th</sup> Grade</b>	English 9	English 9A
<b>10<sup>th</sup> Grade</b>	English 10	English 10A
<b>11<sup>th</sup> Grade</b>	Choice of two English Courses, one per semester	English 11AP (college credit available)
<b>12<sup>th</sup> Grade</b>	Choice of two English Courses, one per semester	English 12AP (college credit available)

**Course:** English 9    **Grade:** 9<sup>th</sup>    **Course Length:** 1 year, 2 credits

**Description:** This comprehensive course focuses on the 9<sup>th</sup> grade ELA State Standards. Students are introduced to analyzing various genres of quality literature and use a variety of strategies in order to create well-written pieces. Strategies taught in class include critical thinking, literary analysis, research techniques, literary discussion, and effective presentation.

---

**Course:** English 9A (Advanced)    **Grade:** 9<sup>th</sup>    **Course Length:** 1 year, 2 credits

**Prerequisite:** Successful completion of English 8 and teacher recommendation

**Description:** This comprehensive course focuses on the 9<sup>th</sup> grade ELA State Standards and is more academically rigorous than English 9. Students should be reading and writing at or above grade level. Strategies taught in class include critical thinking, literary analysis, advanced research techniques, literary discussion, and effective presentation.

**Purpose:** This course helps to prepare students for Advanced Placement courses.

---

**Course:** English 10    **Grade:** 10<sup>th</sup>    **Course Length:** 1 year, 2 credits

**Description:** Using the 10<sup>th</sup> grade ELA State Standards, this course focuses on developing: 1) proficiency and control in the use of the English language for both writing and speaking and 2) understanding of the variety of literary forms, etc. The normal goals of instruction are an understanding of the use of composition, language, and literature in mentor texts and developing students' abilities to produce their own texts. Strategies taught in class will include critical thinking, literary analysis, research techniques, literary discussion, and effective presentation.

---

**Course:** English 10A (Advanced)    **Grade:** 10<sup>th</sup>    **Course Length:** 1 year, 2 credits

**Prerequisite:** Successful completion of English 9A or English 9 with teacher recommendation

**Description:** Using the 10<sup>th</sup> grade ELA State Standards, this course focuses on developing: 1) proficiency and control in the use of the English language for both writing and speaking and 2) understanding of the variety of literary forms, etc. The normal goals of instruction are an understanding of the use of composition, language, and literature in mentor texts and developing students' abilities to produce their own texts. This course is more academically rigorous than English 10. Students should be reading and writing at or above grade level. Strategies taught in class will include critical thinking, literary analysis, research techniques, literary discussion, and effective presentation.

**Purpose:** This course helps to prepare students for Advanced Placement courses.

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**Course:** English 11AP (Advanced Placement)    **Grade:** 11<sup>th</sup>    **Course Length:** 1 year, 2 credits

**Prerequisite:** Successful completion of English 10A or English 10 with teacher recommendation

**Description:** This is a college-level course designed for students interested in pursuing rigorous advanced studies in language and composition for possible college credit. An AP course in English Language and Composition engages students in becoming skilled readers of prose, written in a variety of rhetorical contexts, and in becoming skilled writers who compose for a variety of purposes. Both their writing and reading should make students aware of the interactions between a writer's purposes, audience expectations, and subjects, as well as the way genre conventions and the

resources of language contribute to effectiveness in writing. The purpose of this course is to enable students to read complex texts with understanding and to write prose of sufficient richness and complexity to communicate effectively with mature readers.

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**Course:** English 12AP (Advanced Placement)    **Grade:** 12<sup>th</sup>    **Course Length:** 1 year, 2 credits

**Prerequisite:** Successful completion of English 11AP or required English electives with teacher recommendation

**Description:** This is a college-level course designed for students who are interested in pursuing advanced studies in literature & composition for possible college credit. The focus is on critical analysis of world literature, Socratic discussion, advanced writing strategies, and preparation for the AP Literature and Composition Exam.

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### 11<sup>th</sup>/12<sup>th</sup> Grade Semester English Courses

Using the 11<sup>th</sup>/12<sup>th</sup> grade ELA State Standards each of the following semester English courses is comprehensive and encompasses reading, vocabulary, writing, and speaking and listening. In each course, students will develop an understanding of the language system, proficiency and control in the use of the English forms, and appreciation of different literary genres. The goals of instruction are understanding the elements of composition, communicating effectively, and analyzing literature.

#### First Semester Courses

**Course:** Multicultural Literature    **Grade:** 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 semester, 1 credit

**Description:** In this fiction-based course will read and respond to the different cultures and social experiences of various groups.

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**Course:** Myths & Legends    **Grade:** 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 semester, 1 credit

**Description:** In this fiction-based course, students will read and respond to myths and legends from a variety of cultures and time periods.

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**Course:** Young Adult Literature    **Grade:** 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 semester, 1 credit

**Description:** In this fiction-based course, students will read and respond to literature about or by young adults, exploring their unique perspectives on life and the world around them.

#### Second Semester Courses

**Course:** 21st Century Literature    **Grade:** 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 semester, 1 credit

**Description:** In this nonfiction-based course, students will read and respond to a variety of modern texts written from the year 2000 to present, examining current topics and concerns from multiple perspectives.

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**Course:** Literature of War    **Grade:** 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 semester, 1 credit

**Description:** In this nonfiction-based course, students will read and respond to a variety of texts that illustrate the experience of war for combatants, families, and communities.

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**Course:** Sports in Literature    **Grade:** 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 semester, 1 credit

**Description:** In this nonfiction-based course, students will read and respond to a diverse selection of nonfiction literature centering around sports, examining the cultural, social, and personal narratives that shape the athletic world.

**See Communicative Arts section for Creative Writing**

## Family & Consumer Sciences

Nebraska's six Career & Technical Education (CTE) career fields are organized into clearly defined pathways that help students explore interests, develop real-world skills, and progress toward high-skill, high-demand careers. Each pathway provides a structured sequence of learning—from introductory experiences to advanced, hands-on coursework—ensuring that every student can connect classroom learning to meaningful postsecondary opportunities and future career success.

Students are encouraged to explore the courses within each CTE pathway, but they are not required to complete every class. However, those who do complete the full sequence of pathway courses will receive special recognition for their commitment and career-focused preparation.

### Human Sciences & Education Pathways

#### Culinary Pathway

Fundamentals of Food & Nutrition  
I and II



Culinary Skills I



Culinary Skills II

#### Education and Training Pathway

Teaching as a Profession or  
Lifespan Development



Education Career Academy 1A



Education Career Academy 1B

**Course:** Child Development    **Grade:** 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 semester, 1 credit

**Description:** Students will explore the developmental stages of children from prenatal through age 12. Topics include how children learn, child guidance techniques, theories of development, and the impact of quality childcare. Computerized dolls may be sent home to assist in the understanding of infant care requirements.

**Course:** Culinary Skills I    **Grade:** 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 semester, 1 credit

**Prerequisite:** Must earn a passing grade in Fundamentals of Food & Nutrition II

**Description:** This intermediate course focuses on culinary skill development. Topics covered include planning and preparing a variety of food items. This course offers an introduction to the world of food service operations.

**Course:** Culinary Skills II    **Grade:** 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 semester, 1 credit

**Prerequisite:** Successful completion of Culinary Skills I

**Description:** This capstone course focuses on the application of culinary skills, building on concepts from the introductory and intermediate courses. Topics covered include food preparation skills for the food service industry, developing a restaurant business management plan, and implementing food service management principles.

**Course:** Education Career Academy 1A & 1B    **Grade:** 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 2 semesters, 4 credits

**Description:** The BPS Education Career Academy provides an opportunity for students to explore a career in education while earning dual enrollment credits through Metro Community College and Doane University. The credits earned in the program will transfer to most state educator preparation programs including the University of Nebraska Omaha. The program strives to prepare students for entry into educator preparation programs and provides participants three college-level education courses and nearly 200 hours of internship experiences with a mentor teacher at one of the district's elementary schools. Students in this 1 year program will earn up to 15 college credit hours by completing Introduction to Professional Education, Human Relations in Education, and Human Relation Skills, Intro to Exceptional Children, and Education Practicum. Students will take classroom based courses three days per week at the BPS Frank Kumor Career Center and spend two days per week in an elementary school. Across the country, there is a shortage of teachers, for all ages and disciplines. This means there is currently a high demand for educators and now is a great time to explore a career in education. **All BPS students who complete the academy coursework will be guaranteed an opportunity to interview for a full-time teaching position upon successful completion of a college-level educator preparation program and eligibility for a Nebraska teaching certificate. Participants in the academy will also be provided opportunities to apply and interview for available school-year and summer paraprofessional positions. Priority**

placement into the program will be given to students in the 12<sup>th</sup> grade, but junior students will be considered if space is available. Transportation will be provided to and from your home school.

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**Course:** Fundamentals of Food & Nutrition I    **Grade:** 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 semester, 1 credit

**Description:** This introductory course covers basic food safety, sanitation, preparation, nutrition, and career exploration.

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**Course:** Fundamentals of Food & Nutrition II    **Grade:** 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 semester, 1 credit

**Prerequisite:** Must earn a passing grade in Fundamentals of Food & Nutrition I

**Description:** This course expands on basic food safety, sanitation, preparation, nutrition, and career exploration.

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**Course:** Lifespan Development    **Grade:** 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 semester, 1 credit

**Description:** This introductory course explores the development of individuals across the lifespan from conception to death. Topics covered are impacts on development including family structure and practices, theories of development, social influences, and resources available to assist individuals and families.

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**Course:** Preschool Development    **Grade:** 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 semester, 1 credit

**Prerequisite:** Strongly recommend above average attendance & behavior history

**Description:** Students will study the development of children ages 3-5. This is an interactive class where students may be working with preschool children who are enrolled in the preschool within the building. Students will plan/teach a lesson to the preschool children. Students may also assist in early childhood classrooms throughout the district.

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**Course:** Teaching as a Profession    **Grade:** 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 semester, 1 credit

**Description:** Students will explore K-12 teaching as a career possibility which may include how to organize a classroom, prepare and teach lessons, and how to be a professional. Field experience may be required.

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## Health Sciences

Nebraska's six Career & Technical Education (CTE) career fields are organized into clearly defined pathways that help students explore interests, develop real-world skills, and progress toward high-skill, high-demand careers. Each pathway provides a structured sequence of learning—from introductory experiences to advanced, hands-on coursework—ensuring that every student can connect classroom learning to meaningful postsecondary opportunities and future career success.

Students are encouraged to explore the courses within each CTE pathway, but they are not required to complete every class. However, those who do complete the full sequence of pathway courses will receive special recognition for their commitment and career-focused preparation.



**Course:** Anatomy & Physiology      **Grade:** 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>      **Course Length:** 1 year, 2 credits

**Prerequisite:** Successful completion of Physical Science and Biology or successful completion of Biology and concurrent enrollment in Chemistry or Physics

**Description:** Anatomy and Physiology is a branch of Biology that relates to the structure and relationship between body parts and the relationship between the function of body parts and the body as a whole. In addition, this course will explore related careers and solutions to current complex real-world health issues. Anatomy & Physiology is a rigorous laboratory-based course for students with aptitude and interest in the health sciences.

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**Course:** Certified Nursing Assistant/Long Term Care Academy (CNA 1A & CNA 1B)

**Grade:** 11<sup>th</sup>, 12<sup>th</sup> (12<sup>th</sup> priority)      **Course Length:** 1 year, 4 credits

**Prerequisite:** Successful completion of any two core science courses

**Description:** The BPS CNA Academy program focuses on preparing students for careers in the Health Science Fields and allows students to work closely with community health care providers to encourage growth, relevancy, and training in preparation for real-world work environments. This full-year program provides students with the skills, knowledge, and certification necessary for entry-level positions in health care settings. A certified nursing assistant is considered part of the interdisciplinary health care team and assists the registered nurse or practical nurse with providing nursing care to patients. Responsibilities include basic nursing tasks related to meeting physical needs and activities of daily living. In order to become state-certified, the student must take a state-approved program and pass a state-administered competency evaluation. CNA certification is required for entry into most nursing programs. Students participating in this academy are eligible for concurrent enrollment credit hours from Metro Community College at no cost. The CNA Academy program includes courses in CPR, Community Emergency Response, Medical Terminology, CNA/Long Term Care, and Clinicals. Successful completion of Medical Terminology Systems Approach within this program will fulfill 2 elective credits of Science toward graduation. **The program will be located at the BPS Frank Kumor Career Center. Transportation will be provided to and from your home school if needed.**

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**Course:** Health Science I      **Grade:** 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>      **Course Length:** 1 semester, 1 credit

**Prerequisite:** Successful completion of Biology

**Description:** Health Science is designed to give an overview of the therapeutic, diagnostic, support services, biotechnology and research, and health informatics pathways. The course focuses on health careers, exploration, leadership development, medical terminology, ethical and legal responsibilities, the history of health care, and the economics of health care. Students will have opportunities to explore various health fields through hands on experiences and may become certified in First Aid/CPR/AED. This is an excellent introductory course for students who are considering pursuing any avenue in the healthcare field, including nursing, physical therapy, medicine, and other careers. This course does not fulfill the science requirements for graduation; however, it is an elective credit.

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**Course:** Medical Terminology-Systems Approach      **Grade:** 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>      **Course Length:** 1 year, 2 credits

**Prerequisite:** Concurrent enrollment in Biology A, Chemistry, Physics or Successful completion of Biology and Physical Science

**Description:** An introductory laboratory-based course that focuses on the major body systems to teach medical terminology. The course requires in-depth understanding and application of medical terminology. This course is designed to introduce students to the structure of medical terms, including prefixes, suffixes, word roots, singular and plural forms, and medical abbreviations with a focus on developing both oral and written skills in the language used to communicate within health care professions. Students participating in this course are eligible for concurrent enrollment credit for Medical Terminology from Metro Community College at no cost.

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**Course:** Sports Medicine (co-curricular)      **Grade:** 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>      **Course Length:** 1 year, 2 credits

**Prerequisite:** Successful completion or concurrent enrollment in Anatomy & Physiology or Medical Terminology

**Description:** This course teaches students how to care for and prevent athletic injuries while introducing basic anatomy, physiology, and emergency life support skills. Students will learn taping and wrapping techniques, methods for preventing injuries, and how to evaluate both lower and upper body injuries. The course also covers legal and career aspects of sports medicine, along with rehabilitation methods. Students must complete at least 20 hours of hands-on experience in the athletic training room or at athletic events. This class counts as an elective credit and does not meet the P.E. graduation requirement. Students may also qualify for dual enrollment credit through the University of Nebraska–Omaha.

## Mathematics

	9th Grade	10th Grade	11th Grade	12th Grade
<b>College Prep Option #1</b>	Algebra II A	Options Include: Pre-Calculus A <u>and/or</u> AP Statistics	Options Include: Pre-Calculus A <u>and/or</u> AP Calculus AB <u>and/or</u> AP Statistics	Options Include: AP Calculus AB <u>and/or</u> AP Calculus BC <u>and/or</u> AP Statistics
<b>College Prep Option #2</b>	Geometry A	Algebra II A	Options Include: Pre-Calculus A <u>and/or</u> AP Statistics	Options Include: AP Calculus AB <u>and/or</u> AP Statistics
<b>College Prep Option #3</b>	Algebra I	Geometry <u>or</u> Geometry A	Algebra II <u>or</u> Algebra II A	Options Include: Pre-Calculus A AP Statistics Algebra III Trigonometry Discrete Math Statistics
<b>Minimum Graduation Requirement</b>	Algebra I	Geometry	Algebra II	Options Include: Algebra III Trigonometry Discrete Math Statistics AP Statistics

**Course:** Algebra I    **Grade:** 9<sup>th</sup>    **Course Length:** 1 year, 2 credits

**Description:** This course gives an introduction to algebraic concepts and is a prerequisite for more advanced courses in mathematics.

**Units of Study:** Expressions, Equations, Graphing Linear Equations, Creating Linear Equations, Inequalities, Statistics, Systems of Equations and Inequalities, Exponents and Roots, and Polynomials

**Course:** Geometry    **Grade:** 9<sup>th</sup>, 10<sup>th</sup>    **Course Length:** 1 year, 2 credits

**Prerequisite:** Successful completion of Algebra I

**Description:** This is a Euclidean geometry course, which examines the nature and use of deductive reasoning and algebraic applications.

**Units of Study:** Tools of Geometry (Angles and Geometric Figures), Logical Arguments and Line Relationships, Transformations and Symmetry, Triangle Congruences, Quadrilaterals, Similarity, Right Triangles and Trigonometry, Circles, Measurement.

**Course:** Geometry A (Advanced)    **Grade:** 9<sup>th</sup>, 10<sup>th</sup>    **Course Length:** 1 year, 2 credits

**Prerequisite:** Successful completion Algebra I

**Description:** This accelerated course is primarily designed for those students interested in pursuing the highest level of mathematics in high school and a math-related career.

**Units of Study:** Tools of Geometry (Angles and Geometric Figures), Logical Arguments and Line Relationships, Transformations and Symmetry, Triangle Congruences, Quadrilaterals, Similarity, Right Triangles and Trigonometry, Circles, Measurement

**Course:** Algebra II    **Grade:** 10<sup>th</sup>, 11<sup>th</sup>    **Course Length:** 1 year, 2 credits

**Prerequisite:** Successful completion of Algebra I and Geometry or Geometry A

**Description:** This course offers an in-depth study of the concepts of algebra.

**Units of Study:** This course offers a continued study of the concepts of Algebra. Units of study: Functions, Graphing

Quadratics, Solving Quadratics, Inverses, Exponential and Logarithmic Functions, Probability, and Collecting and Analyzing Data.

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**Course:** Algebra II A (Advanced)    **Grade:** 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>    **Course Length:** 1 year, 2 credits

**Prerequisite:** Successful completion of Algebra I and Geometry or Geometry A

**Description:** This accelerated course is primarily for those students interested in pursuing the highest level of mathematics in high school and considering a career in a math-related field.

**Units of Study:** Relations & Functions; Quadratic Functions; Polynomial Functions & Equations; Probability; Functions & Inverses; Exponential & Logarithmic Functions; Rational Functions; Collecting & Analyzing Data

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**Course:** Algebra III    **Grade:** 12<sup>th</sup>    **Course Length:** 1 semester, 1 credit

**Prerequisite:** Successful completion of Algebra II

**Description:** This course provides for extending and deepening topics introduced in Algebra I and Algebra II and should prove helpful to those preparing for college entrance and placement examinations.

**Units of Study:** Polynomials (Operations, Remainder Theorem, Rational Root Test, Synthetic & Long Division); Rational Expressions (Operations & Solving); Exponential & Logarithmic Equations; Matrix Operations & Systems using Matrices

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**Course:** Statistics    **Grade:** 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 semester, 1 credit

**Prerequisite:** Successful completion of Algebra II or Algebra IIA

**Description:** This introductory course in probability and statistics uses a practical approach from all academic fields. Topics covered include the nature of probability and statistics, describing and displaying data, counting techniques and various distributions.

**Units of Study:** Categorical & Quantitative Data, Regression, Sample surveys, Observational Studies & Experiments, Probability & Randomness

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**Course:** Discrete Mathematics    **Grade:** 12<sup>th</sup>    **Course Length:** 1 semester, 1 credit

**Prerequisite:** Successful completion of Algebra II

**Description:** This course provides an introduction to a variety of nontraditional topics in mathematics. Topics covered include: Graph Theory - which is used in fields such as computer programming and project analysis, Apportionment - which is used to determine fairness in elections as well as division of cost or products, Number systems - gives a background of how numbers were developed and how they are used today. This course is great for anyone interested in computer science, politics, or who wants a better understanding of where math is used in the world.

**Units of Study:** Graph Theory; Counting & Probability; Apportionment & Voting; Numeration Systems (Historical Methods)

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**Course:** Trigonometry    **Grade:** 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 semester, 1 credit

**Prerequisite:** Successful completion of Algebra II

**Description:** Trigonometry is a course that provides for extending and deepening trigonometric topics introduced in Geometry and Algebra II. This course should prove helpful to those preparing for college entrance and placement exams.

**Units of Study:** Right Triangle Trigonometry; The Unit Circle; Transformations of Trigonometric Functions; Verifying Trigonometric Identities

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**Course:** Pre-Calculus A (Advanced)    **Grade:** 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 year, 2 credits

**Prerequisite:** Successful completion of Algebra II A or Algebra II with teacher recommendation

**Description:** This course includes topics in algebra, analytic geometry, polynomial, exponential, logarithmic, circular and trigonometric functions, and complex numbers. This accelerated course is designed to prepare students for Calculus.

**Units of Study:** Rational Powers (Roots); Inverse, Exponential & Logarithmic Functions; Systems of Equations (including

Matrices); Probability & Counting; Sequences & Series; Trigonometry (including right triangles, the unit circle, and verifying identities); Applications of Trigonometry in Conic, Parametric & Polar Equations

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**Course:** AP Statistics    **Grade:** 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 year, 2 credits

**Prerequisite:** Successful completion of Algebra II A or Algebra II with teacher recommendation

**Description:** This course involves the study of four main areas: exploratory analysis; planning a study; probability; and statistical inference. Students will gain proficiency in accuracy and communication of statistical concepts throughout the course, to include effectively communicate how methods, results and interpretations of data for any given experiment are valid. This course is taught as an activity-based course integrating the use of graphing calculators, computer programs, and by reading the text and supplemental materials. This course prepares students for the AP Statistics test.

**Units of Study:** Exploratory Data Analysis – Categorical & Quantitative Data; Sampling & Experimentation, Probability, Statistical Inference

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**Course:** AP Calculus AB    **Grade:** 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 year, 2 credits

**Prerequisite:** Strongly recommend above average grades in Pre-Calculus A

**Description:** This course is intended for students who have a thorough knowledge of college preparatory mathematics, including algebra, axiomatic geometry, trigonometry, and analytic geometry. A full semester of college calculus, including both differentiation and integration will be covered. This course is designed to prepare students for the AP Calculus AB Test and may be offered for dual enrollment credit.

**Units of Study:** Limits & Their Properties; Differentiation (including transcendentals); Applications of Differentiation; Integration; Applications of Integration; Differential Equations & Slope Fields

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**Course:** AP Calculus BC    **Grade:** 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 year, 2 credits

**Prerequisite:** Strongly recommend above average grades in Pre-Calculus A or AP Calculus AB

**Description:** This course is intended for students who have a thorough knowledge of college preparatory mathematics, including algebra, axiomatic geometry, trigonometry, and analytic geometry. A full year of college calculus, including both differentiation and integration will be covered. This course is designed to prepare students for the AP Calculus BC Test (including an AB subscore).

**Units of Study:** Limits & Their Properties; Differentiation (including transcendentals, parametric, polar and vectors); Applications of Differentiation; Integration (including parts, trig substitution, partial fraction); Applications of Integration (including polar, arc length and surface area); Differential Equations & Slope Fields; Sequences and Series

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## Music

**Course:** Advanced Band (co-curricular)    **Grade:** 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 year, 2 credits

**Prerequisite:** Previous instrumental experience and instructor approval

**Description:** Attendance at the August band camp (approx. 2 weeks before school starts) is required for participation as well as June and July rehearsals. The Advanced Band will compete in several field competitions and parades, and also play for all home football games. The Advanced Band will be split into two concert bands based on ability and instrumentation. The bands will perform at numerous concerts and events. Individuals are eligible to participate in solos and ensembles for District Music Contest.

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**Course:** Arie Armonie-Select Women's Choir (West only) (co-curricular)    **Grade:** 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>

**Course Length:** 1 year, 2 credits

**Prerequisite:** By audition only

**Description:** Students focus on vocal pedagogy and á cappella singing and on refining their sight-reading skills. This advanced chorus performs at numerous school concerts, district music contest, and other events.

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**Course:** Belles Voix-Select Women's Choir (East only) (co-curricular) **Grade:** 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>

**Course Length:** 1 year, 2 credits

**Prerequisite:** By audition only

**Description:** Students focus on vocal pedagogy and á cappella singing and on refining their sight-reading skills. This advanced chorus performs at numerous school concerts, district music contest, and other events.

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**Course:** Concert Band (co-curricular) **Grade:** 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> **Course Length:** 1 year, 2 credits

**Prerequisite:** Previous participation in instrumental music

**Description:** The band will perform at home football games, pep band performances, parades, and concerts. Concert band generally will not travel outside the school district. Emphasis is placed on development of basic musical technique.

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**Course:** Concert Choir (co-curricular) **Grade:** 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> **Course Length:** 1 year, 2 credits

**Description:** Students continue to learn to sight-read music, and emphasis is placed on the technical terms and historical background of music. Students participate in numerous school concerts.

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**Course:** East High Singers (East only) (co-curricular) **Grade:** 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> **Course Length:** 1 year, 2 credits

**Prerequisite:** By audition only

**Description:** This is an advanced chorus that performs at school concerts, district music contests, and other events. Students continue an advanced focus on vocal pedagogy and on refining their sight-reading skills.

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**Course:** Freshman Chorus (co-curricular) **Grade:** 9<sup>th</sup> **Course Length:** 1 year, 2 credits

**Description:** Students are taught to sight-read music, and emphasis is placed on the technical terms and historical background of music. Students participate in numerous school concerts.

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**Course:** Music History **Grade:** 11<sup>th</sup>, 12<sup>th</sup> **Course Length:** 1 semester, 1 credit

**Description:** This course covers the study of music from the Middle Ages through the 20th century. It is designed to prepare the music history student for college courses.

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**Course:** Music Theory **Grade:** 11<sup>th</sup>, 12<sup>th</sup> **Course Length:** 1 semester, 1 credit

**Prerequisite:** Successful completion of or current enrollment in at least one music ensemble course, or have teacher permission

**Description:** A study of the basic fundamentals of music theory including major and minor keys and scales, intervals, triads, four-part chords, and chord progressions, this course is designed to prepare the student for the beginning music theory courses in college.

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**Course:** Take II (East only) (co-curricular) **Grade:** 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> **Course Length:** 1 year, 2 credits

**Prerequisite:** By audition only

**Description:** This show choir is selected in the spring. This group practices daily and includes a competitive season in the second semester. In addition, this group does performances for many civic, church, and school groups in the metro area.

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**Course:** West Connection (West only) (co-curricular) **Grade:** 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> **Course Length:** 1 year, 2 credits

**Prerequisite:** By audition only

**Description:** This show choir is selected in the spring. This group practices daily and includes a competitive season in the second semester. In addition, this group does performances for many civic, church, and school groups in the metro area.

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**Course:** West High Singers (West only) (co-curricular) **Grade:** 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> **Course Length:** 1 year, 2 credits

**Prerequisite:** By audition only

**Description:** This is an advanced chorus that performs at school concerts, district music contests, and other events. Students continue an advanced focus on vocal pedagogy and on refining their sight-reading skills.

## **Physical Education**

**Course:** Advanced Athletic Strength & Conditioning **Grade:** 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> **Course Length:** 1 semester, 1 credit

**Prerequisite:** Successful completion of Introduction to Athletic Strength & Conditioning

**Description:** This course will implement an athletically based strength and conditioning program for the development of the student athlete. This class includes safety and proper techniques. Integral parts of this class include: percentage training, circuit training, power and strength training, athletic conditioning (running), and explosive training. All students must dress in workout clothes and shoes daily (no street/dress clothes, ROTC uniforms, school issued athletic/cheer uniforms, flip-flops, or slides allowed).

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**Course:** Aerobics **Grade:** 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> **Course Length:** 1 semester, 1 credit

**Description:** This course is designed to introduce students to a variety of aerobic activities. Students will learn a wide variety of activities such as how to use: stability/exercise balls, resistance bands, dumbbells, aerobic steps, kettle bells, bosu balls as well as their own body weight and relaxation techniques that they can use to stay physically active into adulthood. Students will be required to create two aerobic routine videos to present to the class. This will also touch on muscles and fitness components.

---

**Course:** Health **Grade:** 9<sup>th</sup> **Course Length:** 1 semester, 1 credit

**Description:** Health has been designed to help students grow personally and socially by developing skills that will contribute to a strong and healthy life of positive choices. Critical thinking will be stimulated through discussion, which will provide the opportunity to relate personal experience and find solutions to practical problems. Health will have three essential objectives which will focus on Health Literacy (attitude/behavior, goal planning and decision making), Total Health (physical, mental and social health issues), and Making Choices (drugs, STI's and abstinence).

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**Course:** Introduction to Athletic Strength & Conditioning **Grade:** 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>

**Course Length:** 1 semester, 1 credit

**Description:** This course will emphasize proper techniques, safety, strength training, conditioning (running), and principles of athletic training. Students must successfully complete course to continue into an Advanced Athletic Strength & Conditioning course. This course may be retaken once for a higher grade to meet the prerequisite to move on to Advanced Athletic Strength & Conditioning. All students must dress in workout clothes and shoes daily (no street/dress clothes, ROTC uniforms, school issued athletic/cheer uniforms, flip-flops, or slides allowed).

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**Course:** Lifetime Activities **Grade:** 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> **Course Length:** 1 semester, 1 credit

**Description:** This course will emphasize activities designed to maintain a healthy lifestyle. Activities may include yoga, mindful meditation, tennis, table tennis, badminton, archery, horseshoes, Frisbee golf, golf, core body fitness activities and other leisure activities.

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**Course:** Team Sports **Grade:** 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> **Course Length:** 1 semester, 1 credit

**Description:** This course focuses on sportsmanship and teamwork, as well as the basic team concepts and fundamental skills of a variety of team sports.

## Science

	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade*	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade (Electives)
<b>College Prep</b>	Biology or Biology A	Chemistry or Chemistry A	Physics or Physics AP 1	Options include: Anatomy & Physiology Biology AP Chemistry AP Earth & Space Science Medical Terminology-Systems Approach Physics AP 1 Physics AP 2
<b>Minimum Graduation Requirement</b>	Biology	Physical Science	Earth & Space Science	Options include: Anatomy & Physiology Chemistry Medical Terminology-Systems Approach Physics

\*Starting sophomore (10<sup>th</sup> grade) year, students can take elective science courses concurrently with the core courses listed in the chart above.

### Core Science Courses

**Course:** Biology    **Grade:** 9<sup>th</sup>    **Course Length:** 1 year, 2 credits

**Description:** Biology is a laboratory-based life science course for all students. Topics of study include the nature of science, molecules and cells, heredity and evolution, classification and diversity of life, human impact on the environment, and ecology and behavioral relationships.

**Course:** Biology A (Advanced)    **Grade:** 9<sup>th</sup>    **Course Length:** 1 year, 2 credits

**Prerequisite:** Successful completion of Math and Science in the previous school year

**Description:** Biology A is a rigorous laboratory-based life science course for college-bound students. It is intended to prepare students for AP Biology or for a 1st year college biology course. Topics of study include the nature of science, molecules and cells, heredity and evolution, classification and diversity of life, human impact on the environment, ecology, and behavioral relationships.

**Course:** Chemistry    **Grade:** 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 year, 2 credits

**Prerequisite:** Successful completion of Algebra I and concurrent enrollment in Geometry or successful completion of Physical Science

**Description:** Chemistry is a college preparatory course focusing on unit analysis, physical and chemical properties of matter, chemical reactions, and qualitative and quantitative aspects of chemistry. Laboratory work is emphasized. This course is highly recommended for any two- or four-year college-bound student.

**Course:** Chemistry A (Advanced)    **Grade:** 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 year, 2 credits

**Prerequisite:** Successful completion of Algebra I and concurrent enrollment in Geometry or successful completion of Physical Science with teacher recommendation

**Description:** Chemistry A is a rigorous, laboratory-based course for students with aptitude and interest in the physical or medical sciences. Topics include the structure, properties, and interactions of matter with emphasis on quantitative analysis. This course acts as preparation for Chemistry AP and at the same level as an introductory college chemistry course. This course is highly recommended for students who are planning on attending a four-year college and/or interested in professional-level science and engineering related careers (medicine, chemistry, any branch of engineering, etc.).

**Course:** Earth & Space Science    **Grade:** 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 year, 2 credits

**Prerequisite:** None (10<sup>th</sup> grade must be concurrently enrolled in Physical Science, Physics or Chemistry)

**Description:** Earth & Space Science is a laboratory-based course that introduces students to the study of the earth and

earth's systems from a local and global perspective. Common topics of exploration include: history of the earth, weather, climate, sustainability, and matter and energy transfer.

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**Course:** Physical Science    **Grade:** 10<sup>th</sup>    **Course Length:** 1 year, 2 credits

**Description:** This laboratory-based course introduces the study of matter, energy, and the relationship of each to the other. This class will give students a broad background in both chemistry and physics. Topics covered in chemistry are classification of matter, atomic structure, the periodic table and chemical reactions. Physics topics include motion, forces, energy, waves, and energy transfer. Laboratory work and math skills are emphasized.

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**Course:** Physics    **Grade:** 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 year, 2 credits

**Prerequisite:** Successful completion of Algebra I and concurrent enrollment in Geometry or successful completion of Physical Science

**Description:** Physics is a college preparatory course focusing on the study of forces, energy, momentum, waves, and electricity and magnetism. This course is Algebra and laboratory-based with emphasis on the qualitative and quantitative applications of physics. This course is highly recommended for any two- or four-year college-bound student.

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**Course:** Physics AP 1    **Grade:** 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 year, 2 credits

**Prerequisite:** Successful completion of Algebra I and Geometry and concurrent enrollment in Algebra II

**Description:** Physics AP 1 is the equivalent of a first semester college course in algebra-based physics. This course covers Newtonian mechanics (including rotational dynamics and angular momentum), work, energy, and power and fluids. This course is preparatory for the AP Physics 1 Exam. This course is highly recommended for students who are planning on attending a four-year college and/or interested in professional-level science and engineering related careers (medicine, chemistry, any branch of engineering, etc.).

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### **Elective Science Courses**

**Course:** Anatomy & Physiology    **Grade:** 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 year, 2 credits

**Prerequisite:** Successful completion of Physical Science and Biology or successful completion of Biology and concurrent enrollment in Chemistry or Physics

**Description:** Anatomy and Physiology is a branch of Biology that relates to the structure and relationship between body parts and the relationship between the function of body parts and the body as a whole. In addition, this course will explore related careers and solutions to current complex real-world health issues. Anatomy & Physiology is a rigorous laboratory-based course for students with aptitude and interest in the health sciences.

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**Course:** Biology AP (Advanced Placement)    **Grade:** 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 year, 2 credits

**Prerequisite:** Successful completion of Biology or Biology A and Chemistry or successful completion of Biology or Biology A and concurrent enrollment in Chemistry A

**Description:** Biology AP is a College Board-accredited, first year college survey course in the life sciences taught in the high school setting. This course is laboratory-based. The course is preparatory for the AP Biology exam. This course is highly recommended for students who are planning on attending a four-year college and/or interested in professional-level science and engineering related careers (medicine, chemistry, any branch of engineering, etc.).

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**Course:** Chemistry AP (Advanced Placement)    **Grade:** 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 year, 2 credits

**Prerequisite:** Successful completion of Chemistry or Chemistry A and Algebra II

**Description:** Chemistry AP is a first-year college survey course in chemistry taught in the high school setting. Topics include atomic structure, structure of matter, reactions, stoichiometry, intermolecular properties, kinetics, equilibrium, acid/base chemistry, thermodynamics, and electrochemistry. This course is intended to be a second-year chemistry course. Extensive laboratory work and maintenance of a lab notebook are emphasized. The course is preparatory for the AP Chemistry exam. This course is highly recommended for students who are planning on attending a four-year college and/or interested in professional-level science and engineering related careers (medicine, chemistry, any branch of engineering, etc.).

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**Course:** Medical Terminology-Systems Approach **Grade:** 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> **Course Length:** 1 year, 2 credits

**Prerequisite:** Concurrent enrollment in Biology A, Chemistry, Physics or Successful completion of Biology and Physical Science

**Description:** An introductory laboratory-based course that focuses on the major body systems to teach medical terminology. The course requires in-depth understanding and application of medical terminology. This course is designed to introduce students to the structure of medical terms, including prefixes, suffixes, word roots, singular and plural forms, and medical abbreviations with a focus on developing both oral and written skills in the language used to communicate within health care professions. Students participating in this course are eligible for concurrent enrollment credit for Medical Terminology from Metro Community College at no cost.

**Course:** Physics AP 2 **Grade:** 11<sup>th</sup>, 12<sup>th</sup> **Course Length:** 1 year, 2 credits

**Prerequisite:** Successful completion of Physics AP 1 and successful completion or concurrent enrollment in Pre-Calculus A

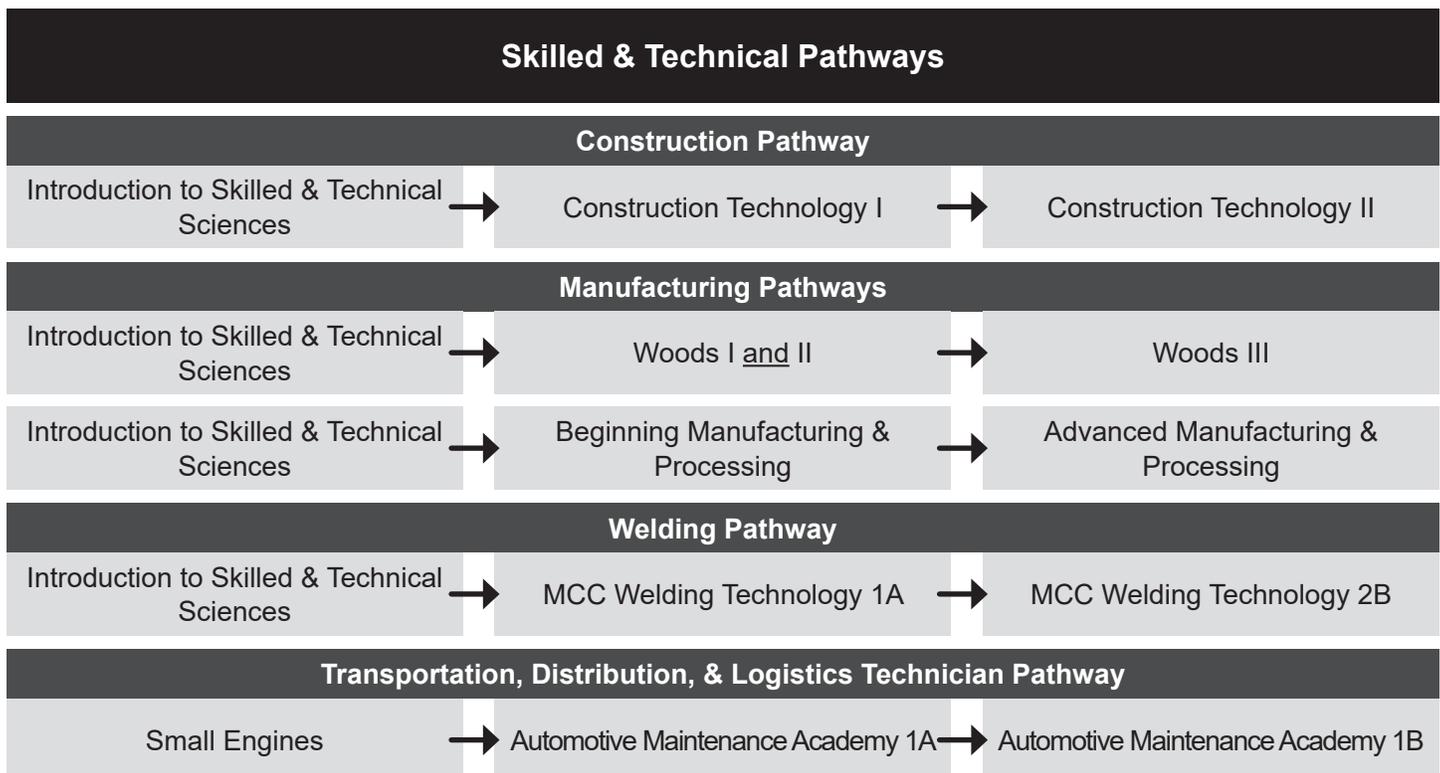
**Description:** Physics AP 2 is a laboratory-based course equivalent to a second semester college course in algebra-based physics covering thermodynamics; electricity and magnetism; optics and atomic and nuclear physics. This course is preparatory for the Physics AP 2 Exam. This course is highly recommended for students who are planning on attending a four-year college and/or interested in professional-level science and engineering related careers (medicine, chemistry, any branch of engineering, etc.).

## Skilled & Technical Sciences

Nebraska's six Career & Technical Education (CTE) career fields are organized into clearly defined pathways that help students explore interests, develop real-world skills, and progress toward high-skill, high-demand careers. Each pathway provides a structured sequence of learning—from introductory experiences to advanced, hands-on coursework—ensuring that every student can connect classroom learning to meaningful postsecondary opportunities and future career success.

Students are encouraged to explore the courses within each CTE pathway, but they are not required to complete every class. However, those who do complete the full sequence of pathway courses will receive special recognition for their commitment and career-focused preparation.

Students will have the opportunity to earn a 10-hour OSHA certification in some courses.



**Course:** Advanced Manufacturing & Processing **Grade:** 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> **Course Length:** 1 semester, 1 credit

**Prerequisite:** Beginning Manufacturing & Processing

**Description:** This course will build upon the knowledge and skills from Beginning Manufacturing & Processing. Students will learn advanced gas metal arc welding techniques, shielded metal arc welding, oxy-acetylene welding/cutting, and plasma cutting.

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**Course:** Automotive Maintenance Academy 1A and 1B **Grade:** 11<sup>th</sup>, 12<sup>th</sup> **Course Length:** 1 year, 4 credits

**Description:** The BPS Automotive Maintenance program focuses on preparing students for careers in the automotive field and works closely with regional and national industry to encourage growth, relevancy, and training in preparation for real-world work environments. This full-year program provides students with the skills and knowledge necessary for entry-level positions in the automotive field. The program helps students develop skills in diagnosing and repairing common entry-level automotive items while developing a career path. The program presents the fundamentals of automotive systems and emphasizes human relations and critical thinking skills for entry-level technicians. Students who successfully complete the program will earn 24 college credit hours through Metro Community College towards an associate degree in Automotive Maintenance and Light Repair. Students completing year one will earn an **Automotive Technology Assistant Certificate**. **The courses will be taught at the BPS Frank Kumor Career Center.** Transportation will be provided to the center if needed. Students expressing an interest in the program will be asked to attend an informational session to learn more about the program and program expectations outlined by BPS and Metro Community College. Students are also required to have a current driver's license. Students may be required to reimburse BPS for tuition and online materials if they opt to drop out of the program. Space in the program is limited and additional selection requirements may be developed to determine participation.

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**Course:** Aviation Academy 1A and 1B **Grade:** 11<sup>th</sup>, 12<sup>th</sup> **Course Length:** 1 year, 4 credits

**Description:** The BPS Aviation Academy program focuses on preparing students for careers in aviation-related industries and prepares students for the FAA Private Pilot Knowledge exam and FAA Part 107 Unmanned Aviation System (UAS) Remote Pilot Knowledge Test. The year-long program will allow students pursuing the certifications to have hands-on experiences related to the aircraft they may one day operate through state-of-the-art aircraft simulators and aerial drones integrated throughout the course. The year-long program consists of the following content and will include a variety of field trips and experiences related to the aviation career field. **Students in AFJROTC will be given priority consideration if there are more students than seats available in the program.**

**Introduction to Flight:** Students will look closely at the aircraft they may one day operate. Students will explore the aircraft types used today and how aircraft are made and fly. Students will study the forces of flight—lift, weight, thrust, and drag—including how to make key calculations. Students will examine aircraft design, stability, aircraft controls, and maneuvering.

**Aircraft Systems & Performance:** Students will take an in-depth look at the systems that make aircraft work, including power plants and fuel systems. Throughout the unit, students will learn about flight instruments and how to identify and troubleshoot common problems. This unit also covers required aircraft documents and factors that affect aircraft performance.

**The Flying Environment:** This unit will begin to prepare students to take either Federal Aviation Administration tests: the Private Pilot Knowledge Test or the Part 107 Remote Pilot Knowledge Test. Topics include preflight procedures, airspace, radio communications, aviation terminology, regulations, airport operations, aviation safety, weather, cockpit management, and emergency procedures.

**Flight Planning:** In this unit, students will complete their preparation for certification exams and learn about pilot and aircraft qualifications, cross-country flight planning, weight and balance, performance and limitations, human factors, chart use, night operations, navigation systems, and aeronautical decision-making. Students will be provided the opportunity to participate in multiple practice examinations. The district may arrange for students to take the Federal Aviation Administration's Private Pilot written exam at the end of this course.

**UAS (Drone) Operations:** The UAS Operations unit will cover many topics surrounding UAS missions, from mission planning to UAV performance to crew resource management. Upon completing this course, students may take the Federal Aviation Administration's Part 107 Remote Pilot Knowledge Test.

**The program will be located at the BPS Frank Kumor Career Center. Transportation will be provided to and from your home school if needed.**

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**Course:** Beginning Manufacturing & Processing **Grade:** 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> **Course Length:** 1 semester, 1 credit

**Prerequisite:** Introduction to Skilled & Technical Sciences

**Description:** This course will introduce students to metal working. Students will learn about proper safety practices, hand tool and machine tool use, fasteners, hardware, metal identification, sand casting, gas metal arc welding and complete a project.

---

**Course:** CAD II **Grade:** 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> **Course Length:** 1 semester, 1 credit

**Prerequisite:** Drafting/CAD I

**Description:** This course builds upon the skills developed in Drafting/CAD I. Students will be taught dimensioning, isometric drawings, section views, auxiliary views and 3D modeling basics. Students will use the design software Autodesk Invento®.

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**Course:** CAD III **Grade:** 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> **Course Length:** 1 semester, 1 credit

**Prerequisite:** CAD II

**Description:** This course builds upon the skills learned in CAD II. Students will be taught blocks (pre-drawn objects), architectural working drawings, mechanical working drawings, and 3D modeling basics.

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**Course:** CAD IV **Grade:** 11<sup>th</sup>, 12<sup>th</sup> **Course Length:** 1 semester, 1 credit

**Prerequisite:** CAD III

**Description:** This is an advanced course of architectural design. Topics include: architectural design, residential and commercial construction terminology/skills, and blueprint reading. Students will also use the design software Autodesk Revit 3D®.

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**Course:** Construction Technology I **Grade:** 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> **Course Length:** 1 semester, 1 credit

**Prerequisite:** Woods I

**Description:** Students will focus on pursuing a career in the construction field and will be introduced to the fundamentals of residential building construction. Scaled construction projects, home maintenance hands-on activities and blue-print reading will be completed. Construction safety will be taught throughout each unit. Communication skills and teamwork will be emphasized.

---

**Course:** Construction Technology II **Grade:** 11<sup>th</sup>, 12<sup>th</sup> **Course Length:** 1 semester, 1 credit

**Prerequisite:** Construction Technology I

**Description:** This course builds upon the previous knowledge attained in Construction Technology I. Students will further their knowledge of residential building construction and will be introduced to commercial building construction. Scaled construction projects, home maintenance hands-on activities and blue-print reading will be completed. Construction safety will be taught throughout each unit. Communication skills and teamwork will be emphasized.

---

**Course:** Drafting/CAD I **Grade:** 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> **Course Length:** 1 semester, 1 credit

**Prerequisite:** Introduction to Skilled & Technical Sciences

**Description:** This is an introduction to technical (mechanical/architectural) drawing. Traditional drafting tools and techniques are taught as well as an introduction to AutoCAD. Emphasis is on technical drawing, multiview drawing, and computer aided design basics.

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**Course:** Introduction to Skilled & Technical Sciences **Grade:** 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> **Course Length:** 1 semester, 1 credit

**Description:** This entry level course is designed to prepare students for all subsequent courses. Students will be introduced to the correct and safe use of hand tools, board drafting basics, linear measuring, woodworking, and metalworking. Student will complete a project.

---

**Course:** Small Engines    **Grade:** 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 semester, 1 credit

**Prerequisite:** Introduction to Skilled & Technical Sciences

**Description:** This course is designed to introduce students to the operation of the internal combustion engine. Students will study the principles of four stroke engine operation and the various systems typically found on small gasoline engines. Students will gain an understanding of engine operation through tasks designed to lead the student through disassembling, inspecting, and reassembling a small gasoline engine. This course is designed as an introductory class for students with or without previous mechanical knowledge. Briggs & Stratton and Honda online resources will be utilized.

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**Course:** Woods I    **Grade:** 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 semester, 1 credit

**Prerequisite:** Introduction to Skilled & Technical Sciences

**Description:** This course is designed as the foundation for machine woodworking and cabinetry, teaching a general knowledge of building quality furniture. Students will use hand tools, portable power tools and woodworking machines. Class time is divided between a classroom setting and laboratory work. Students will complete a project.

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**Course:** Woods II    **Grade:** 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 semester, 1 credit

**Prerequisite:** Woods I

**Description:** Students will use hand tools, portable tools, and machines. Students will focus on furniture building designs. Students will determine wood species and learn to use advanced joinery. Students will complete a project.

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**Course:** Woods III    **Grade:** 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 semester, 1 credit

**Prerequisite:** Woods II

**Description:** Students will focus on pursuing a career in cabinet making. Students will use advanced techniques to build a cabinet. The project is a night stand and will follow the given plans. Students will work at their own pace to complete the project.

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## Social Studies

**Course:** Academic Decathlon (East only) (co-curricular)    **Grade:** 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 year, 2 credits

**Description:** This course covers several topics in-depth and culminates in interscholastic competition. Areas of study include art, music, language, literature, math, science, economics, social studies, and speech. Students will be assigned to a level of competition based on GPA. All GPAs are welcome. Students who successfully complete the 2nd semester will also fulfill the Economics requirement for graduation.

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**Course:** American Cultural Studies    **Grade:** 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 semester, 1 credit

**Description:** This interactive course is designed for students to analyze American culture by exploring the influences of Native Americans, African Americans, Europeans, Asians, Latinos, and Arabic peoples.

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**Course:** American Government    **Grade:** 12<sup>th</sup> (11<sup>th</sup> Counselor Approval)    **Course Length:** 1 semester, 1 credit

**Description:** American Government is the study of the Constitution and its underlying philosophy; the structure and function of the national government; and Nebraska's state and local governmental structure.

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**Course:** American Government AP (Advanced Placement)    **Grade:** 12<sup>th</sup>    **Course Length:** 1 year, 2 credits

**Prerequisite:** Strongly recommend above average grades in English and Social Studies

**Description:** American Government AP is a college level course designed for students seeking an in-depth look at the structure and functions of the U.S. government. An extensive amount of reading and writing is required. This course is designed to prepare students for the American Government AP exam and may require some summer reading and writing.

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**Course:** American History    **Grade:** 9<sup>th</sup>    **Course Length:** 1 year, 2 credits

**Description:** American History is a chronological view of the United States from its becoming a world power to the present.

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**Course:** American History A (Advanced)    **Grade:** 9<sup>th</sup>    **Course Length:** 1 year, 2 credits

**Description:** American History is a chronological view of the United States from its becoming a world power to the present. Students will gain a more critical perspective on the use of learning, writing, and analytical skills, which will prepare them for success in AP courses and college.

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**Course:** American History AP (Advanced Placement)    **Grade:** 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 year, 2 credits

**Prerequisite:** Strongly recommend above average grades in English and Social Studies

**Description:** This course is a college level course designed for students seeking an in-depth analysis of American History from 1492 to the present. Extensive reading and writing is required. The course prepares students for the AP exam. This course requires summer reading.

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**Course:** Comparative World Religions    **Grade:** 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 semester, 1 credit

**Description:** This course provides a historical perspective of religions and may include Christianity, Islam, Judaism, Buddhism, Hinduism, Confucianism, Taoism, and other world religions.

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**Course:** Economics    **Grade:** 11<sup>th</sup>    **Course Length:** 1 semester, 1 credit

**Description:** Economics is a study of our present economic system with emphasis on supply and demand, production, labor, banking, money, and comparative economics. Includes a unit on personal finance.

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**Course:** Global Issues    **Grade:** 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 semester, 1 credit

**Description:** This course is an in-depth study of contemporary issues. Issues are selected according to their impact on international affairs.

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**Course:** Justice & Law    **Grade:** 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 semester, 1 credit

**Description:** This interactive course focuses on student rights, criminal law, civil law, court cases, trials, and other facets of law.

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**Course:** Philosophy    **Grade:** 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 semester, 1 credit

**Description:** This course is designed to engage students in discussion and analysis of a variety of philosophical positions within the fields of ethics, logic, political philosophy, metaphysics (the study of reality), and epistemology (the study of how/what we can know).

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**Course:** Psychology    **Grade:** 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 semester, 1 credit

**Description:** This course outlines the major theories of psychology, human development, and the biopsychological basis of human behavior. It explores cognitive functioning, personality development, and major psychological disorders.

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**Course:** Psychology AP (Advanced Placement)    **Grade:** 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 year, 2 credits

**Prerequisite:** Strongly recommend above average grades in English and science

**Description:** This is a college level course designed to introduce students to the systematic and scientific study of human behavior and mental processes. Students are exposed to the facts, principles, and phenomena associated within the major subfields of psychology to prepare for the AP exam.

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**Course:** Sociology    **Grade:** 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 semester, 1 credit

**Description:** This course outlines the major theories of sociology and explores the impact of culture. The course studies

group behavior by investigating social institutions (family, religion, and education) and inequalities in society (social stratification, race, gender, etc.).

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**Course:** World History    **Grade:** 10<sup>th</sup>    **Course Length:** 1 year, 2 credits

**Description:** This course is an in-depth chronological and geographical view of the world from the Age of Exploration to present day. The topics of globalization and the developments of the modern global community will be emphasized.

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**Course:** World History AP (Advanced Placement)    **Grade:** 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 year, 2 credits

**Prerequisite:** Strongly recommend above average grades in English and social studies

**Description:** World History AP is a college level course designed for students seeking a comprehensive study of comparative World History. This course will require students to extensively read and write. The course is designed to prepare students for the AP exam.

## World Languages

The ability to communicate in a second or third language is an important skill in this increasingly interdependent world. Many job opportunities hinge upon proficiency in languages other than English only.

Eighth grade Level I World Language courses do not count for high school graduation credit; however, these courses may count toward university requirements. Students who successfully complete Level I World Language in eighth grade should begin with Level II at the high school level. Most 4 year colleges/universities require at least two to three years of the same language for admission. It is recommended that in order to successfully complete the next language level, a student earns a "C" or better in the previous level. **Students taking dual credit courses in world languages through Metro Community College will have their tuition covered through Metro.**

**Courses:** French I, German I, Spanish I    **Grade:** 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 year, 2 credits

**Description:** Students are introduced to the sounds, vocabulary, and syntax of the language. At this level, the main emphasis is on speaking and understanding. Students become familiar with various aspects of culture, geography, history, art, and people. Emphasis is placed on proficiency activities to develop basic communication skills within the culture.

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**Courses:** French II, German II, Spanish II    **Grade:** 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 year, 2 credits

**Prerequisite:** Successful completion of Level I language. Placement for native speakers will be determined by the teacher

**Description:** Skills introduced in Level I are reviewed and perfected. There is increased emphasis on listening, speaking, reading, and writing with the incorporation of presentational, interpersonal, and interpretive activities. Culture is an important aspect of learning about international communities.

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**Courses:** French III, German III, Spanish III    **Grade:** 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 year, 2 credits

**Prerequisite:** Successful completion of Level II language. Placement for native speakers will be determined by the teacher

**Description:** Topics from the first two levels are reviewed and perfected. Additional emphasis is placed on presentational, interpersonal, and interpretive activities. Culture is incorporated. **Students in these courses may earn college credit from Metropolitan Community College at no cost to the student.**

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**Courses:** French IV, German IV, Spanish IV    **Grade:** 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 year, 2 credits

**Prerequisite:** Successful completion of Level III language. Placement for native speakers will be determined by the teacher

**Description:** All skills will be reviewed and incorporated and expanded. Selected readings are used to reinforce culture. Students will actively engage in discussions using a wide range of vocabulary and grammar structures. **Students in these courses may earn college credit from Metropolitan Community College at no cost to the student.**

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**Courses:** French V, German V, Spanish V    **Grade:** 12<sup>th</sup>    **Course Length:** 1 year, 2 credits

**Prerequisite:** Successful completion of Level IV language. Placement for native speakers will be determined by the teacher

**Description:** Students enhance proficiency skills through discussions and writings on a variety of topics. Students will read authentic texts in the target language. French V and German V are independent study courses. **These courses are offered for dual credit through Metro Community College or UNO. Student tuition at Metropolitan Community College are covered through Metro.**

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**Courses:** Latin I    **Grade:** 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 year, 2 credits

**Description:** Latin I concentrates on the grammar and vocabulary of the Latin language through a beginning study of Roman literature. Basic Roman history, culture, and mythology are also presented.

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**Courses:** Latin II    **Grade:** 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 year, 2 credits

**Prerequisite:** Successful completion of Latin I

**Description:** Latin II continues the structure of the language. Additional vocabulary is introduced. Roman history and culture are studied in greater detail with an emphasis on the heroes of Greco-Roman mythology.

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**Courses:** Latin III    **Grade:** 11<sup>th</sup>, 12<sup>th</sup>    **Course Length:** 1 year, 2 credits

**Prerequisite:** Successful completion of Latin II

**Description:** The intent of this course is to develop the strategies of language acquired in the early years of Latin language study and refine them through practice in reading, writing, and speaking. This increase of knowledge will be accompanied by focused vocabulary and cultural topics. These topics will be divided among the quarters as follows: literature, medicine, law, and travel.

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**Courses:** Latin IV    **Grade:** 12<sup>th</sup>    **Course Length:** 1 year, 2 credits

**Prerequisite:** Successful completion of Latin III

**Description:** The intent of this course is to develop the strategies of language acquired in the early years of Latin language study and refine them through practice in reading, writing and speaking. This increase of knowledge will be accompanied by focused vocabulary and cultural topics. These topics will be divided among the quarters as follows: poetry, nature, government, and occupations.

## **Special Education Registration**

To be enrolled in a Special Education course, students must have a current Individualized Education Plan (IEP) which demonstrates the need for such a class. Each student's IEP will describe individual strengths, define goals and objectives, as well as strategies that are appropriate to help facilitate academic success. Education for these students may take place in a regular education classroom, a special education classroom, or in a combination of both. If you have a question about a student's IEP, please contact their counselor or IEP manager.

During the spring, a special education teacher from each high school will meet with the IEP case manager for eighth graders transitioning to the high schools the following fall. At that time, recommendations will be recorded so that students can register for the appropriate special education and regular education courses. For students already attending the senior high schools, the IEP will be used to make sure Special Education courses that are agreed upon in the IEP will be included in the student's schedule. Therefore, changes in individual student class schedules may be limited due to following course requirements from the IEP. Each case manager will have a list of special education courses that can be offered to special education students.

Please contact your child's current IEP manager if you have any questions or concerns about the registration process. Listed below are telephone numbers for each of the high schools' special education departments.

Bellevue East: (402) 293-4150

Bellevue West: (402) 293-4072

## **English Learners' Program**

To be enrolled in an English Learners' course, students must be identified as English Learners according to the guidelines established by the Nebraska Department of Education. Each English Learner will take a yearly English Language Proficiency exam to determine his/her level of English proficiency, and his/her individual strengths and weaknesses. This information will be used to define the goals, objectives, and strategies that are appropriate for each individual student. Each semester, an individualized program of study, designed to foster students' ability to read, write, speak, and understand academic English, will be developed for each student.

The EL program is designed to respond to the individual needs of English Learners in an effort to provide optimal educational opportunities, and to promote a culturally responsive learning environment where students' first language and cultural identity are nurtured.

EL courses will receive elective credits, and a maximum of two EL credits can be earned each semester.

Please contact your child's English Language teacher if you have any questions or concerns about the registration process. Listed below are telephone numbers for each of the high schools. You may also contact the Parent/Community Liaison for additional support in Spanish.

Bellevue East: (402) 293-4150    Bellevue West: (402) 293-4040

Spanish Parent/Community Liaison: (402) 898-8797

## **Programa de Estudiantes de Inglés**

Para inscribirse en un curso para Estudiantes de Inglés, los estudiantes deben ser identificados como estudiantes del idioma Inglés de acuerdo con las pautas establecidas por el Departamento de Educación de Nebraska. Cada estudiante de Inglés tomará un examen anual para determinar su dominio del idioma Inglés, sus fortalezas y debilidades individuales. Esta información se utilizará para definir las metas, objetivos y estrategias apropiadas para cada estudiante en particular. Cada semestre, se desarrollará un programa de estudio individualizado para cada estudiante, diseñado para fomentar la capacidad de los estudiantes para leer, escribir, hablar y comprender el Inglés académico.

El programa EL está diseñado para responder a las necesidades individuales de los Estudiantes de Inglés, en un esfuerzo por brindar oportunidades educativas óptimas, y promover un ambiente de aprendizaje culturalmente receptivo en donde se fomenta el primer idioma y la identidad cultural de los estudiantes.

Las clases EL recibirán créditos electivos, y se puede obtener un máximo de dos créditos de EL cada semestre.

Por favor, comuníquese con el/la maestro(a) de Lenguaje de Inglés de su hijo(a) si tiene alguna pregunta o preocupación acerca del proceso de registro. A continuación se mencionan los números de teléfono de cada una de las escuelas secundarias. También puede comunicarse con el enlace de padres/comunidad para obtener ayuda adicional en Español.

Bellevue East: (402) 293-4150    Bellevue West: (402) 293-4040

Enlace de Padres/Comunidad en Español (402) 898-8797

## **Concurrent Enrollment MCC**

The Concurrent Enrollment program is a partnership between Metropolitan Community College (MCC) and our high school districts throughout the greater Omaha area. Concurrent enrollment allows high school students to earn both high school and college credit at the same time. MCC credits earned may transfer to other colleges or universities that accept MCC credits. It is the responsibility of the student to verify if the course will transfer to the receiving institution. To learn about transferability at local 4-year colleges, please visit the articulation webpage.

Courses are taught in the individual high school classroom, as scheduled, during the regular school year. Some concurrent enrollment courses will be offered at the BPS Frank Kumor Career Center. Students need to contact the counselor for a list of high school class offerings.

**Tuition: All tuition costs for dual enrollment courses through MCC will be covered through the 2026-27 school year.**

**Please see the Counseling Office for more information or visit:**

<https://www2.mccneb.edu/secondary-partnerships/concurrent-enrollment>

## **Dual Enrollment UNO**

The mission of UNO's Dual Enrollment Program is to deepen UNO's partnership and engagement with the local community and promote academic achievement and opportunity for Nebraska youths by enabling high school students the chance to earn college credit.

Benefits of UNO Dual Enrollment:

- Cost less than ¼ the tuition and fees at UNO
- Access to University resources
- Demonstrate college competitiveness for admission and scholarships
- Gain experience and confidence
- Attend UNO Dual Enrollment events

**Please contact the counseling office for a list of UNO Dual Enrollment courses or visit:**

<http://www.unomaha.edu/dual-enrollment/index.php>

## **Concurrent/Dual Enrollment Courses and IEPs**

Concurrent/Dual Enrollment courses allow students to earn college credit through an accredited college. If the student elects to earn credit, only academic accommodations allowed through the Americans with Disabilities Act (ADA) will be utilized. These accommodations will allow a student to access the class, but will not allow for modifications to the content or assessments within the class. This will likely be different from the accommodations or modifications allowed under the Individuals with Disabilities Education Act (IDEA) through a school IEP.

The allowance of the accommodations is determined by the college awarding credit. For more information or specific questions, please contact the awarding college

Metropolitan Community College, Fort Omaha  
Ryan Stamm  
Disability Support Services Counselor  
P.O. Box 3777, Omaha NE 68103  
Phone: 531-622-2766  
Email: [restamm@mccneb.edu](mailto:restamm@mccneb.edu)

University of Nebraska at Omaha  
Jen Papproth  
Director of Accessibility Services Center  
6001 Dodge St, HK 104, Omaha NE 68182  
Phone: 402-554-2534  
Email: [jppapproth@unomaha.edu](mailto:jppapproth@unomaha.edu)

If accommodations are required, communication with the awarding college is the responsibility of the parent or the student.

## **CollegeNOW!**

WHY METROPOLITAN COMMUNITY COLLEGE'S (MCC) COLLEGENOW! IS FOR YOU:

- Seven different campus/center locations, PLUS online courses
- Affordable tuition
- Jump start on a college education
- Quality instruction
- Current technology
- Credits that transfer

**NEBRASKA RESIDENT HIGH SCHOOL STUDENTS RECEIVE FREE TUITION.**

Tuition is free for each MCC quarter while the student is in high school through the Summer Quarter of the year you graduate.

\*Courses may be canceled due to low enrollment.

Questions? Contact Secondary Partnerships at (531) 622-2213 or contact the Counseling Office.

## MCC Career Academy

### **Programs, Schedule, and Descriptions 2026-27 (application required, see your counselor for information)**

MCC's Career Academy program is designed to provide high school juniors and seniors with opportunities to explore various career fields and get a jumpstart on their postsecondary education. MCC Career Academies increase student awareness in various career fields prior to high school graduation so more informed career choices can be made. Students gain practical skills for specific career areas, knowledge of safety procedures, job-seeking skills, interpersonal skills for the workplace, and exposure to a college environment while earning both high school and college credit. **All tuition costs associated with Career Academy programs will be waived by Metro through the 2026 school year. Students will still be responsible for other fees, etc.**

#### Campus Locations/Programs

##### **Fort Omaha Campus (FOC) 30th and Fort**

Architecture, Civil Engineering, Construction Technology, Prototype Design, Electrical Technology, Heating/Air Conditioning and Refrigeration (HVAC), Pre-Apprenticeship Plumbing, Welding Technology, Culinary Arts Foundation, Full Stack Web Development, Horticulture, Land systems & Management, IT Technician, Google Desktop Support Specialist

##### **South Omaha Campus (SOC) 27th and Q**

Automotive Technology (Yr 2), Emergency Medical Technician, Advanced Manufacturing

##### **Applied Technology Center (ATC) 10407 State St.**

Auto Collision Technology, Diesel Technology, Fire Science Technology

##### **Bellevue Public Schools Frank Kumor Career Center 2810 Arboretum Dr.**

Automotive Maintenance Academy 1A and 1B

Aviation Academy 1A and 1B (**Not for dual credit**)

Certified Nursing Assistant/Long-term Care Academy 1A and 1B

Education Career Academy 1A and 1B

##### **Elkhorn Valley Campus (EVC) 204th and Dodge**

Digital Cinema/Filmmaking

3-D Animation and Games (On-Line Course)

##### **Learning Community of North Omaha 24th and Franklin**

Early Childhood Education

##### **Omaha Community Playhouse (OCP) 6915 Cass St.**

Theater Technology

##### **Sarpy Center (SRP)**

Criminal Justice

Office Administrative Professional, Business

**Please see the Counseling Office for more information or visit:**

<https://www2.mccneb.edu/secondary-partnerships/career-academy>

## UNMC High School Alliance

**(application required, see your counselor for information)**

Possible course offerings include:

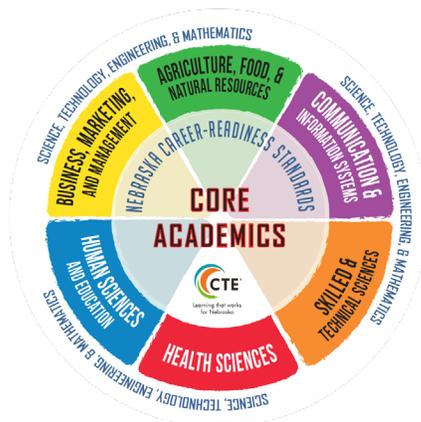
- Biomedical Research
- Exploration of Human Anatomy
- Human Genetics
- Infectious Disease
- The Study of Patient Care
- Pathology
- Pharmaceutical Sciences
- Dimensions of Community Health
- Behavioral Health
- Medical Imaging
- Art and Science of Decision Making
- Biology and Prevention of Cancer

For more information visit: <http://www.unmc.edu/alliance/>

## Nebraska Career Fields

Each career field is composed of the career clusters radiating out from it. Each career cluster is composed of careers with similar skills or common industry groupings. Collectively, the clusters provide a framework for understanding the entire world of work.

### Nebraska Career Education Model



#### **Business, Marketing, & Management**

Marketing  
Hospitality & Tourism  
Business Management & Administration  
Finance

#### **Communication & Information Systems**

Communication Arts  
Information Technology

#### **Skilled & Technical Sciences**

Energy & Engineering  
Manufacturing  
Architecture & Construction  
Transportation, Distribution, & Logistics

#### **Human Sciences & Education**

Government & Public Administration  
Human Services  
Education & Training  
Law, Public Safety, Correction & Security

#### **Agriculture, Food, & Natural Resources**

Agriculture, Food, & Natural Resources

#### **Health Sciences**

Health Sciences

### Career Ready Practices

The following Career Ready Practices are employability skills that are an essential part of a successful career:

1. Act as a responsible and contributing citizen and employee.
2. Apply appropriate academic and technical skills.
3. Attend to personal health and financial well-being.
4. Communicate clearly and effectively and with reason.
5. Consider the environmental, social and economic impacts of decisions.
6. Demonstrate creativity and innovation.
7. Employ valid and reliable research strategies.
8. Utilize critical thinking to make sense of problems and persevere in solving them.
9. Model integrity, ethical leadership and effective management.
10. Plan education and career paths aligned to personal goals.
11. Use technology to enhance productivity.
12. Work productively in teams while using cultural global competence.

See more at: <http://www.careertech.org/career-ready-practices#sthash.cVUAbkxu.dpuf>

## Freshmen Course Offerings

Students will need to select courses to equal eight class periods. Registration forms can be downloaded from your student's high school website.

### Required Courses:

- English/Language Arts - English 9 or English 9 A
- Mathematics - Algebra, Geometry, Geometry A, or Algebra II A
- Science - Biology or Biology A
- Social Studies - American History or American History A
- Health - Health\*, Aerospace Science I, or Summer School Health

### Elective Courses:

#### **Aerospace Science**

- Aerospace Science I

#### **Art**

- Ceramics I\*
- Drawing I\*
- Introduction to Art\* (**prerequisite for all other art courses**)
- Painting I\*
- Sculpture I\*

#### **Business**

- Hospitality & Tourism\*
- Information Technology Applications I, II\*
- Introduction to Business\*
- Jobs for American Graduates (JAG)

#### **Communicative Arts**

- Digital Design\*
- Introduction to Competitive Speech
- Introduction to Theatre
- Journalistic Writing\*
- Photography & Graphic Design\*
- Popular Culture Creation\*
- Stagecraft
- Video Production\*

#### **Computer Science & Information Technology**

- Computer Science Principles AP
- Cybersecurity\*
- Exploring Computer Science\*
- Information Technology Applications I, II\*
- Introduction to Python Programming\*
- IT Fundamentals\*
- Web Design & Development\*

#### **Music**

- Advanced Band
- Concert Band
- Freshmen Chorus

#### **Physical Education**

- Aerobics\*
- Introduction to Athletic Strength & Conditioning\*
- Lifetime Activities\*
- Team Sports\*

#### **Skilled & Technical Sciences**

- Beginning Manufacturing & Processing\*
- Drafting/CAD I\*
- Introduction to Skilled & Technical Sciences\* (**prerequisite for most other Skilled & Technical Sciences courses**)
- Woods I\*

#### **Social Studies**

- Academic Decathlon (East only)
- American Cultural Studies\*

#### **World Languages**

- French I, II
- German I, II
- Latin I
- Spanish I, II

#### **Resource** (as indicated by IEP)

#### **Study Hall** (semester or year)

#### **Developmental Reading and Algebra I Lab** (by recommendation only)

\*indicates a semester courses

## Sophomore Course Offerings

Students will need to select courses to equal eight class periods. Registration forms can be downloaded from your student's high school website.

### Required Courses:

- English/Language Arts - English 10 or English 10 A
- Mathematics - Geometry, Geometry A, Algebra II, Algebra II A, Pre-Calculus A, or AP Statistics
- Science - Chemistry, Chemistry A, Earth & Space, Physical Science, Physics, Physics AP I
- Social Studies - World History or World History AP

### Elective Courses:

#### **Aerospace Science**

- Aerospace Science II

#### **Art**

- Ceramics I, II\*
- Drawing I, II, III\*
- Introduction to Art\* (**prerequisite for all other art courses**)
- Painting I, II\*
- Sculpture I, II\*

#### **Business**

- Business Communications\*
- Business Law\*
- Hospitality & Tourism\*
- Information Technology Applications I, II\*
- Introduction to Business\*
- Jobs for American Graduates (JAG)
- Management Internship
- Marketing\*
- Marketing Internship
- Marketing Management\*

#### **Communicative Arts**

- Advanced Digital Design: Newspaper Production
- Advanced Digital Design: Yearbook Production
- Creative Writing\* (East only)
- Digital Design\*
- Intermediate Competitive Speech
- Intermediate Theatre
- Introduction to Competitive Speech
- Introduction to Theatre
- Journalistic Writing\*
- Media Production
- Photography & Graphic Design\*
- Popular Culture Creation\*
- Stagecraft
- Theatre Production & Management
- Video Production\*

#### **Computer Science & Information Technology**

- Computer Science-A AP
- Computer Science Principles AP
- Cybersecurity\*
- Exploring Computer Science\*
- Information Technology Applications I, II\*
- Introduction to Python Programming\*
- IT Fundamentals\*
- Web Design & Development\*

#### **Family & Consumer Sciences**

- Child Development\*
- Fundamentals of Food & Nutrition I, II\*
- Lifespan Development\*
- Teaching as a Profession\*

#### **Health Sciences**

- Anatomy & Physiology
- Health Science I\*
- Medical Terminology-Systems Approach
- Sports Medicine

#### **Music**

- Advanced Band
- Arie Armonie (West only)
- Belles Voix (East only)
- Concert Band
- Concert Choir
- East High Singers (East only)
- Take II (East only)
- West Connection (West only)
- West High Singers (West only)

#### **Physical Education**

- Advanced Athletic Strength & Conditioning\*
- Aerobics\*
- Introduction to Athletic Strength & Conditioning\*
- Lifetime Activities\*
- Team Sports\*

#### **Science**

- Anatomy & Physiology
- Biology AP
- Medical Terminology-Systems Approach

#### **Skilled & Technical Sciences**

- Advanced Manufacturing & Processing\*
- Beginning Manufacturing & Processing\*
- CAD II, III\*
- Construction Technology I\*
- Drafting/CAD I\*
- Introduction to Skilled & Technical Sciences\* (**prerequisite for most other Skilled & Technical Sciences courses**)
- Woods I, II\*

#### **Social Studies**

- Academic Decathlon (East only)
- American Cultural Studies\*
- Global Issues\*
- Justice & Law\*

#### **World Languages**

- French I, II, III
- German I, II, III
- Latin I, II
- Spanish I, II, III

**Resource** (as indicated by IEP)

**Study Hall** (semester or year)

**Developmental Reading and Math Labs**

(by recommendation only)

\*indicates a semester class

## Junior Course Offerings

Students will need to select courses to equal eight class periods. Registration forms can be downloaded from your student's high school website.

### **Required Courses:**

- English/Language Arts - Either:
  - a. English 11 AP or
  - b. One First Semester Course: Multicultural Literature\*, Myths & Legends\*, Young Adult\* and  
One Second Semester Course: 21st Century Literature\*, Literature of War\*, Sports in Literature\*
- Mathematics - Algebra II, Algebra II A, Statistics, Trigonometry, Pre-Calculus A, AP Statistics, AP Calculus AB, AP Calculus BC
- Science - Chemistry, Chemistry A, Earth & Space, Physics, Physics AP I
- Social Studies - Economics\*
- Personal Finance\*

### **Elective Courses:**

#### **Aerospace Science**

- Aerospace Science III

#### **Art**

- Art Thesis (East Only)
- Ceramics I, II\*
- Drawing I, II, III\*
- Introduction to Art\* (**prerequisite for all other art courses**)
- Painting I, II\*
- Sculpture I, II\*
- Studio Art 2D AP
- Studio Art 3D AP

#### **Business**

- Accounting I, II\*
- Advanced Marketing
- Avenue Scholars
- Business Communications\*
- Business Law\*
- Entrepreneurship\*
- Hospitality & Tourism\*
- Information Technology Applications I, II\*
- Jobs for American Graduates (JAG)
- Macroeconomics AP\* (East only)
- Management & Leadership\*
- Management Internship
- Marketing\*
- Marketing Internship
- Marketing Management\*
- Microeconomics AP\* (East only)

#### **Communicative Arts**

- Advanced Competitive Speech
- Advanced Digital Design: Newspaper Production
- Advanced Digital Design: Yearbook Production
- Advanced Theatre
- Creative Writing\*
- Digital Design\*
- Intermediate Competitive Speech
- Intermediate Theatre
- Introduction to Competitive Speech
- Introduction to Theatre
- Journalistic Writing\*
- Media Production
- Photography & Graphic Design\*
- Popular Culture Studies\*
- Stagecraft
- Theatre Production & Management
- Video Production\*

#### **Computer Science & Information Technology**

- Computer Science-A AP
- Computer Science Principles AP
- Cybersecurity\*
- Exploring Computer Science\*
- Information Technology Applications I, II\*
- Introduction to Python Programming\*
- IT Fundamentals\*
- Web Design & Development\*

#### **Family & Consumer Sciences**

- Child Development\*
- Culinary Skills I, II\*
- Education Career Academy 1A\* & 1B\* (**BPS Frank Kumor Career Center**)
- Fundamentals of Food & Nutrition I, II\*
- Lifespan Development\*
- Preschool Development\*
- Teaching as a Profession\*

#### **Health Sciences**

- Anatomy & Physiology
- Certified Nursing Assistant/Long Term Care Academy 1A & 1B (**BPS Frank Kumor Career Center**)
- Health Science I\*
- Medical Terminology-Systems Approach
- Sports Medicine

#### **Music**

- Advanced Band
- Arie Armonie (West only)
- Belles Voix (East only)
- Concert Band
- Concert Choir
- East High Singers (East only)
- Music History\*
- Music Theory\*
- Take II (East only)
- West Connection (West only)
- West High Singers (West only)

#### **Physical Education**

- Advanced Athletic Strength & Conditioning\*
- Aerobics\*
- Introduction to Athletic Strength and Conditioning\*
- Lifetime Activities\*
- Team Sports\*

#### **Science**

- Anatomy & Physiology
- Biology AP
- Chemistry AP
- Medical Terminology-Systems Approach
- Physics AP 2

#### **Skilled & Technical Sciences**

- Advanced Manufacturing & Processing\*
- Automotive Maintenance 1A and 1B (**BPS Frank Kumor Career Center**)
- Aviation Academy 1A and 1B (**BPS Frank Kumor Career Center**)
- Beginning Manufacturing & Processing\*
- CAD II, III, IV\*
- Construction Technology I, II\*
- Drafting/CAD I\*
- Introduction to Skilled & Technical Sciences\* (**prerequisite for most other Skilled & Technical Sciences courses**)
- Small Engines\*
- Woods I, II, III\*

#### **Social Studies**

- Academic Decathlon (East only)
- American Cultural Studies\*
- American History AP
- Comparative World Religions\*
- Global Issues\*
- Justice & Law\*
- Philosophy\*
- Psychology\*
- Psychology AP
- Sociology\*
- World History AP

#### **World Languages**

- French I, II, III, IV
- German I, II, III, IV
- Latin I, II, III
- Spanish I, II, III, IV

**Resource** (as indicated by IEP)

**Study Hall** (semester or year)

**Math Labs** (by recommendation only)

\*indicates a semester class

# Senior Course Offerings

Students will need to select courses to equal eight class periods. Registration forms can be downloaded from your student's high school website.

## Required Courses:

- English/Language Arts - Either
  - a. English 11 AP or
  - b. One First Semester Course: Multicultural Literature\*, Myths & Legends\*, Young Adult\* and  
One Second Semester Course: 21st Century Literature\*, Literature of War\*, Sports in Literature\*
- Social Studies - American Government\* or American Government AP

## Elective Courses:

### Aerospace Science

- Aerospace Science IV

### Art

- Art Thesis (East Only)
- Ceramics I, II\*
- Drawing I, II, III\*
- Introduction to Art\* (**prerequisite for all other art courses**)
- Painting I, II\*
- Sculpture I, II\*
- Studio Art 2D AP
- Studio Art 3D AP

### Business

- Accounting I, II, III, IV\*
- Advanced Marketing
- Avenue Scholars
- Business Communications\*
- Business Law\*
- Entrepreneurship\*
- Hospitality & Tourism\*
- Information Technology Applications I, II\*
- Jobs for American Graduates (JAG)
- Macroeconomics AP\* (East only)
- Management & Leadership\*
- Management Internship
- Marketing\*
- Marketing Internship
- Marketing Management\*
- Microeconomics AP\* (East only)
- Wealth Building Fundamentals\*
- Wealth Building Fundamentals/JAG Internship

### Communicative Arts

- Advanced Competitive Speech
- Advanced Digital Design: Newspaper Production
- Advanced Digital Design: Yearbook Production
- Advanced Theatre
- Creative Writing\*
- Digital Design\*
- Intermediate Competitive Speech
- Intermediate Theatre
- Introduction to Competitive Speech
- Introduction to Theatre
- Journalistic Writing\*
- Media Production
- Performance Studies
- Photography & Graphic Design\*
- Popular Culture Studies\*
- Stagecraft
- Theatre Production & Management
- Video Production\*

### Computer Science & Information Technology

- Computer Science-A AP
- Computer Science Principles AP
- Cybersecurity\*
- Exploring Computer Science\*
- Information Technology Applications I, II\*
- Introduction to Python Programming\*
- IT Fundamentals\*
- Web Design & Development\*

### Family & Consumer Sciences

- Child Development\*
- Culinary Skills I, II\*
- Education Career Academy 1A\* & 1B\* (**BPS Frank Kumor Career Center**)
- Fundamentals of Food & Nutrition I, II\*
- Lifespan Development\*
- Preschool Development\*
- Teaching as a Profession\*

### Health Sciences

- Anatomy & Physiology
- Certified Nursing Assistant/Long Term Care Academy 1A & 1B (**BPS Frank Kumor Career Center**)
- Health Science I\*
- Medical Terminology-Systems Approach
- Sports Medicine

### Mathematics

- Algebra III
- Statistics
- Discrete Mathematics
- Trigonometry
- Pre-Calculus A
- AP Statistics
- AP Calculus AB
- AP Calculus BC

### Music

- Advanced Band
- Arie Armonie (West only)
- Belles Voix (East only)
- Concert Band
- Concert Choir
- East High Singers (East only)
- Music History\*
- Music Theory\*
- Take II (East only)
- West Connection (West only)
- West High Singers (West only)

### Physical Education

- Advanced Athletic Strength & Conditioning\*
- Aerobics\*
- Introduction to Athletic Strength & Conditioning\*
- Lifetime Activities\*
- Team Sports\*

### Science

- Anatomy & Physiology
- Biology AP
- Chemistry
- Chemistry A
- Chemistry AP
- Medical Terminology-Systems Approach
- Physics
- Physics AP 1
- Physics AP 2

### Skilled & Technical Sciences

- Advanced Manufacturing & Processing\*
- Automotive Maintenance Academy 1A and 1B (**BPS Frank Kumor Career Center**)
- Aviation Academy 1A and 1B (**BPS Frank Kumor Career Center**)
- Beginning Manufacturing & Processing\*
- CAD II, III, IV\*
- Construction Technology I, II\*
- Drafting/CAD I\*
- Introduction to Skilled & Technical Sciences\* (**prerequisite for most other Skilled & Technical Sciences courses**)
- Small Engines\*
- Woods I, II, III\*

### Social Studies

- Academic Decathlon (East only)
- American Cultural Studies\*
- American History AP
- Comparative World Religions\*
- Global Issues\*
- Justice & Law\*
- Philosophy\*
- Psychology\*
- Psychology AP
- Sociology\*
- World History AP

### World Languages

- French I, II, III, IV, V
- German I, II, III, IV, V
- Latin I, II, III, IV
- Spanish I, II, III, IV, V

**Resource** (as indicated by IEP)

**Study Hall** (semester or year)

**Math Labs** (by recommendation only)

\*indicates a semester class

**Bellevue East High School**

1401 High School Drive

Bellevue, NE 68005

(402) 293-4150

**Bellevue West High School**

1501 Thurston Avenue

Bellevue, NE 68123

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