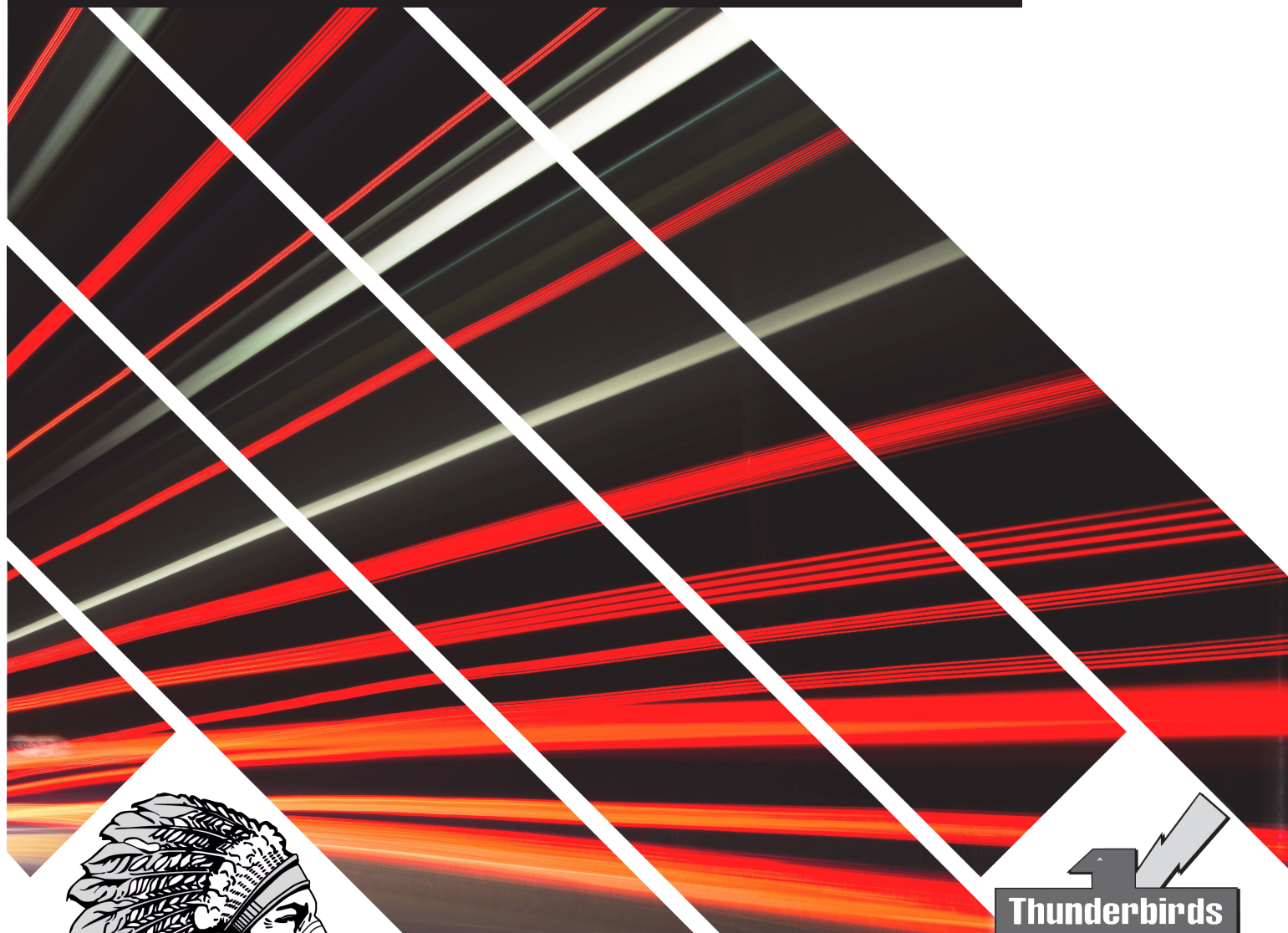


Bellevue Public Schools

High School Registration Guide



Grades 9-12 Courses for

2024-2025

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 and political affiliation; and through affirmative action to promote the full realization of equal opportunity. 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.

Table of Contents

Welcome.....	1
Registration Process	2
Grading System.....	2
Grade Point Average and Tiered Diploma System	2
High School Graduation Requirements	4
Recommended College Preparatory Classes	4
Athletic Eligibility for College	4
State and National Standardized Testing	5
Schedule Changes	6
Aerospace Science (AFJROTC).....	7
Art	8
Business	10
Communicative Arts.....	14
Computer Science & Information Technology	18
English/Language Arts.....	19
Family & Consumer Sciences	21
Health Sciences.....	23
Mathematics	24
Music	26
Physical Education	28
Science.....	29
Skilled & Technical Sciences	32
Social Studies.....	34
World Languages	36
Special Education Registration.....	38
English Learners' Program	38
Concurrent Enrollment MCC	39
Dual Enrollment UNO	39
CollegeNOW!.....	39
MCC Career Academy.....	39
UNMC High School Alliance	40
Nebraska Career Fields.....	40
Freshman Course Offerings	41
Sophomore Course Offerings.....	42
Junior Course Offerings.....	43
Senior Course Offerings	44

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 the 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 classes/programs to assist you as you explore your career options, college options, job outlooks, etc.

Please work with your parents, counselors, and teachers as you plan your high school program. The guide 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, Building 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 Rohlf, Building Principal
Dr. Larry Murry, Assistant Principal
Mrs. Mary Sasek, Assistant Principal
Mr. Jon Mauro, Assistant Principal/Activities Director

Suggestions for planning your school year:

- Consult with your teachers about what would be the next appropriate course for you. Many classes require prerequisite knowledge. It is important for you to choose classes 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

The 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
Secretary	(402) 293-4151

Bellevue West

Melissa Minahan	(402) 293-4056
Joe Mlnarik	(402) 293-4057
Susan Polk	(402) 293-4054
Emily Fenster	(402) 293-4055
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 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 classes, 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

Beginning with the class of 2022, Bellevue Public Schools implemented 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 classes taken and divide by the total number of semester classes attempted.

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

English	Science	Math and Comp Science	Social Studies and Art
English 9A	Physics AP 1 & 2*	Integrated Geometry A	American History A
English 10A	Chemistry A & AP*	Integrated Algebra II A	World History AP*
English 11 AP*	Biology A & AP*	Pre-Calculus A	American History AP*
English 12 AP*		AP Calculus AB & BC*	Government AP*
	Business	Comp Science Principles AP*	Psychology AP*
	Microeconomics AP	Comp Science-A AP*	Studio Art 2D & 3D AP*
	Macroeconomics AP	Statistics AP*	

*Please see the instructor for additional information.

Advanced Placement Exams:

- Advanced Placement exams are administered each year in May through the College Board. Students enrolled in AP classes 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 a 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 exam.

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 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 Integrated Algebra I, Integrated Geometry, or Integrated Algebra II.

Concurrent/Dual Enrollment Courses: Some high school courses may be eligible for college credit through the University of Nebraska-Omaha or Metro Community College. 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 2024-25 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 HS 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 HS Career Academy classes 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 Metro HS 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 classes to juniors and seniors. See your counselor for more information. Classes are held on the UNMC campus. An application is required.

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

High School Graduation Requirements

Attendance:

Eight semesters of enrollment, beginning with the ninth grade, are required in order to be considered for graduation. Students must be enrolled in a minimum of four academic classes each semester.

Credit Requirements:

Beginning with the Class of 2025, 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 and 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 Studies, 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 - Classes of 2025, 2026, and 2027 19 credits - Class of 2028	
Total:	50 credits	

Recommended College Preparatory Classes

It is the responsibility of students and parents 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 the Counselors, 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

What is right for me?

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:

MAP Growth Assessment (Measures of Academic Progress)

- Nationally normed online assessments that measure achievement and growth and are aligned to Nebraska academic standards. All freshman and sophomores take the MAP Growth Assessment.
- Student scores are recorded beginning in kindergarten and provide a record of learning growth.
- The MAP Growth assessments are given during the school day at Bellevue East and Bellevue West.

PSAT Test (preliminary SAT test)

- An optional test open to all sophomores and juniors; offered in mid-October
- 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 CC by appointment.

ACT Test/Pre ACT/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 either the Pre ACT or 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. (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

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 most 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 parent/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. Classes 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.

Classes dropped after the 11th 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 Acellus 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 classes. Seniors beginning a course after the 12th 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 Dedicated to Serving Their Nation and Community”
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 11th and 12th grade will be provided priority placement in the new BPS Aviation Academy located at the BPS Frank Kumor Career Center (See page 34)

Course: Aerospace Science I (co-curricular) **Grade:** 9th **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**) **Career Field:** All

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.

Course: Aerospace Science II (co-curricular) **Grade:** 10th **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 **Career Field:** All

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.

Course: Aerospace Science III (co-curricular) **Grade:** 11th **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 **Career Field:** All

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.

Course: Aerospace Science IV (co-curricular) **Grade:** 12th **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 **Career Field:** All

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

Career Field: Communication & Information Systems

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 classes.

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

Prerequisite: Successful completion of Introduction to Art **Career Field:** Communication & Information Systems

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

Course: Ceramics II **Grade:** 10th, 11th and 12th **Course Length:** 1 semester, 1 credit

Prerequisite: Successful completion of Ceramics I **Career Field:** Communication & Information Systems

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

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

Prerequisite: Successful completion of Introduction to Art **Career Field:** Communication & Information Systems

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

Course: Drawing II **Grade:** 10th, 11th, 12th **Course Length:** 1 semester, 1 credit

Prerequisite: Successful completion of Drawing I **Career Field:** Communication & Information Systems

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.

Course: Drawing III **Grade:** 10th, 11th, 12th **Course Length:** 1 semester, 1 credit

Prerequisite: Successful completion of Drawing II **Career Field:** Communication & Information Systems

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.

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

Prerequisite: Successful completion of Introduction to Art **Career Field:** Communication & Information Systems

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

Course: Painting II **Grade:** 10th, 11th, 12th **Course Length:** 1 semester, 1 credit

Prerequisite: Successful completion of Painting I **Career Field:** Communication & Information Systems

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.

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

Prerequisite: Successful completion of Introduction to Art **Career Field:** Communication & Information Systems

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

Course: Sculpture II **Grade:** 10th, 11th, 12th **Course Length:** 1 semester, 1 credit

Prerequisite: Successful completion of Sculpture I **Career Field:** Communication & Information Systems

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

Course: Art Thesis **Grade:** 12th **Course Length:** 1 year, 2 credits

Prerequisite: Teacher Permission **Career Field:** Communication & Information Systems

Description: The Art Thesis course is designed for the highly motivated 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.

Course: Studio Art 2D AP (East only) **Grade:** 11th, 12th **Course Length:** 1 year, 2 credits

Prerequisite: Teacher Permission **Career Field:** Communication & Information Systems

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.

Course: Studio Art 3D AP (East only) **Grade:** 11th, 12th **Course Length:** 1 year, 2 credits

Prerequisite: Teacher Permission **Career Field:** Communication & Information Systems

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

	Business 4-Year Degree College Bound Pathway #1	Business Associates/Minor Pathway #2	Business Experience Pathway #3
9th Grade	Introduction to Business Info Tech Apps I & II Hospitality & Tourism	Introduction to Business Info Tech Apps I & II Hospitality & Tourism	Introduction to Business Info Tech Apps I & II Hospitality & Tourism
10th Grade	Introduction to Business Info Tech Apps I & II Hospitality & Tourism Business Communication Marketing Marketing Management	Introduction to Business Info Tech Apps I & II Hospitality & Tourism Business Communication Marketing Marketing Management	Introduction to Business Info Tech Apps I & II Hospitality & Tourism Business Communication Marketing Marketing Management
11th Grade	Accounting I & II Business Law Management & Leadership Marketing Marketing Management Sports Marketing Advanced Marketing Personal Finance Macroeconomics AP Microeconomics AP	Accounting I & II Business Law Marketing Marketing Management Sports Marketing Advanced Marketing Personal Finance Macroeconomics AP Microeconomics AP	Hospitality & Tourism Advanced Marketing Personal Finance Marketing Marketing Management Sports Marketing
12th Grade	Accounting III & IV Business Law Entrepreneurship Management & Leadership Advanced Marketing Personal Finance Internships Wealth Building Fundamentals Macroeconomics AP Microeconomics AP	Accounting III & IV Business Law Entrepreneurship Management & Leadership Advanced Marketing Personal Finance Internships Wealth Building Fundamentals Macroeconomics AP Microeconomics AP	Accounting I & II Hospitality & Tourism Management & Leadership Marketing Marketing Management Sports Marketing Personal Finance Wealth Building Fundamentals

Course: Accounting I **Grade:** 10th (with permission), 11th, 12th **Course Length:** 1 semester, 1 credit

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

Career Field: Business Marketing & Management

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:** 10th (with permission), 11th, 12th **Course Length:** 1 semester, 1 credit

Prerequisite: Successful completion of Accounting I with a C or higher **Career Field:** Business Marketing & Management

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.

Course: Accounting III **Grade:** 11th, 12th **Course Length:** 1 semester, 1 credit

Prerequisite: Successful completion of Accounting II with a C or higher **Career Field:** Business Marketing & Management

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.

Course: Accounting IV **Grade:** 11th, 12th **Course Length:** 1 semester, 1 credit

Prerequisite: Successful completion of Accounting III with a C or higher **Career Field:** Business Marketing & Management

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.

Course: Business Communications **Grade:** 10th, 11th, 12th **Course Length:** 1 semester, 1 credit

Career Field: Business Marketing & Management

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.

Course: Business Law **Grade:** 10th, 11th, 12th **Course Length:** 1 semester, 1 credit

Career Field: Business Marketing & Management

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.

Course: Wealth Building Fundamentals **Grade:** 12th **Course Length:** 1 semester, 1 credit

Prerequisite: Personal Finance **Career Field:** Business Marketing & Management

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.

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

Prerequisite: Information session and application before final enrollment

Career Field: Business Marketing & Management

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.

Course: Wealth Building Fundamentals/JAG Internship **Grade:** 12th **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 **Career Field:** Business Marketing & Management

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.

Course: Entrepreneurship **Grade:** 11th, 12th **Course Length:** 1 semester, 1 credit

Prerequisite: Successful completion of Introduction to Business, Marketing or Accounting

Career Field: Business Marketing & Management

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.

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

Prerequisite: Successful completion of Intro to Business **Career Field:** Business Marketing & Management

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.

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

Career Field: Business Marketing & Management

Description: In the Information Technology Applications 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.

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

Prerequisite: Successful completion of Information Technology Applications I

Career Field: Business Marketing & Management

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.

Course: Introduction to Business **Grade:** 9th, 10th **Course Length:** 1 semester, 1 credit

Career Field: Business Marketing & Management

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.

Course: Management & Leadership **Grade:** 11th, 12th **Course Length:** 1 semester, 1 credit

Prerequisite: Successful completion of Introduction to Business or Marketing

Career Field: Business Marketing & Management

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.

Course: Marketing **Grade:** 10th, 11th, 12th **Course Length:** 1 semester, 1 credit

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

Career Field: Business Marketing & Management

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.

Course: Marketing Management **Grade:** 10th, 11th, 12th **Course Length:** 1 semester, 1 credit

Prerequisite: Successful completion of Marketing **Career Field:** Business Marketing & Management

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.

Course: Advanced Marketing (co-curricular/DECA) **Grade:** 11th, 12th **Course Length:** 1 year, 2 credits

Prerequisite: Successful completion of Marketing & Marketing Management

Career Field: Business 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.

Course: Management Internship **Grade:** 10th, 11th, 12th **Course Length:** 1 semester, 1 credit

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

Career Field: Business Marketing & Management

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. One credit per semester will be given for being employed and successfully working a minimum of 180 hours per semester.

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

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

Career Field: Business Marketing & Management

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. One credit per semester will be given for being employed and successfully working a minimum of 180 hours per semester.

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

Prerequisite: Successful completion of Integrated Algebra I and Integrated 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

Career Field: Finance

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 Economics graduation requirement for Bellevue Public Schools and can be taken in place of general Economics.

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

Prerequisite: Successful completion of Integrated Algebra I and Integrated 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

Career Field: Finance

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 Economics graduation requirement for Bellevue Public Schools and can be taken in place of general Economics.

Course: Personal Finance **Grade:** 11th, 12th **Course Length:** 1 semester, 1 credit

Career Field: Business Marketing & Management

Description: In this Personal Finance 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.

Course: Sports & Entertainment Marketing **Grade:** 11th, 12th **Course Length:** 1 semester, 1 credit

Prerequisite: Successful completion of Marketing and Marketing Management **Career Field:** Business Marketing & Management

Description: Do you love sports and entertainment activities? Want to turn your passion for sports or attending concerts or events into a career? This course will help students learn how marketing functions are applied to the sports and entertainment industries. Basic functions will include marketing, promotion, pricing, sales and advertising, and hands-on activities that are relevant to these respective fields.

Communicative Arts

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

Career Field: Communication & Information Systems

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

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

Career Field: Communications & Information Systems

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

Prerequisite: Successful completion of Intermediate Competitive Speech and teacher audition

Career Field: Communications & Information Systems

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. Students may take this course more than one year for credit.

Course: Popular Culture Creation **Grade:** 9th, 10th **Course Length:** 1 semester, 1 credit

Career Field: Communications & Information Systems

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.

Course: Popular Culture Studies **Grade:** 11th, 12th **Course Length:** 1 semester, 1 credit

Career Field: Communications & Information Systems

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.

Course: Photography and Graphic Design **Grade:** 9th, 10th, 11th, 12th **Course Length:** 1 semester, 1 credit

Career Field: Communications & Information Systems

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

Career Field: Communications & Information Systems

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.

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

Prerequisite: Recommend average or above average grades in English **Career Field:** Communications & Information Systems

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, and opinion. Students will not write "journals" in this class. Above average grades in English recommended. **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.

Course: Video Production **Grade:** 10th, 11th, 12th **Course Length:** 1 semester, 1 credit

Career Field: Communications & Information Systems

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.

Course: Advanced Digital Design: Yearbook Production (co-curricular) **Grade:** 10th, 11th, 12th **Course Length:** 1 year, 2 credits

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

Career Field: Communications & Information Systems

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. Students may take this course multiple years for elective credit.

Course: Advanced Digital Design: Newspaper Production (co-curricular) **Grade:** 10th, 11th, 12th **Course Length:** 1 year, 2 credits

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

Career Field: Communications & Information Systems

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. Students may take this course multiple years for elective credit.

Course: Media Production **Grade:** 10th, 11th, 12th **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. Students may take this course multiple years for elective credit.

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

Career Field: Communications & Information Systems

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

Prerequisite: Introduction to Theatre or Introduction to Competitive Speech with teacher approval or successful audition for the instructor **Career Field:** Communications & Information Systems

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. Available for dual enrollment credit through Metro at Bellevue West.

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

Prerequisite: Successful completion of Introduction to Theatre and Intermediate Theatre or successful audition for instructor **Career Field:** Communications & Information Systems

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. Available for dual enrollment credit through Metro at Bellevue West.

Course: Theatre Production and Management (co-curricular) **Grade:** 10th, 11th, 12th **Course Length:** 1 year, 2 credits

Prerequisite: Completion of Stagecraft and/or permission of instructor **Career Field:** Communications & Information Systems

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 (students may take the course up to 3 times). 11th and 12th graders can step into leadership roles as heads of crews.

Course: Performance Studies (co-curricular) **Grade:** 12th **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 **Career Field:** Communications & Information Systems

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. Available for dual enrollment credit through Metro at Bellevue West.

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

Career Field: Communications & Information Systems

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.

Course: Creative Writing **Grade:** 10th (East only), 11th, 12th **Course Length:** 1 Semester, 1 Credit

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

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. (This class may be offered as dual enrollment at Bellevue West.)

Computer Science & Information Technology

	Unless otherwise noted, Classes are semester long (* shows prerequisites)	Classes that meet new Computer Science graduation requirement: Exploring Computer Science Foundations of Computing IT Fundamentals AP Computer Science Principles (Year long) (Available for grades 9-12)	
	Computer Science Pathway	IT Operations Pathway	Web Development Pathway
9th Grade	Foundations of Computing IT Fundamentals AP CS Principles (Year long)	IT Fundamentals Info Tech App 2 (*Requires Info Tech App 1)	IT Fundamentals Info Tech App 2 (* Info Tech App 1)
10th-12th Grade	Foundations of Computing IT Fundamentals AP CS Principles (Year long) AP CS A (Year long) (*AP CS Principles)	IT Fundamentals Info Tech App 2 (* Info Tech App 1) Cyber Security (*IT Fundamentals)	IT Fundamentals Info Tech App 2 (*Info Tech App 1) Web Design & Development (*Info Tech 2 or IT Fundamentals)

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

Prerequisite: Foundations of Computing or Computer Science Principals AP **Career Field:** All

Description: This course will emphasize object-oriented programming and focus on problem-solving and algorithm development. AP Computer Science 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 AP Computer Science Exam.

Course: Computer Science Principles AP (Advanced Placement) **Grade:** 9th, 10th, 11th, 12th **Course Length:** 1 year, 2 credits

Career Field: All

Description: AP Computer Science Principles 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. AP Computer Science Principles 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..

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

Prerequisite: Strong literacy skills and IT Fundamentals **Career Field:** Communication & Information Systems

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.

Course: Exploring Computer Science **Grade:** 9th, 10th, 11th, 12th **Course Length:** 1 semester, 1 credit **Career Field:** All

Description: Exploring Computer Science 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.

Course: Foundations of Computing **Grade:** 9th, 10th, 11th, 12th **Course Length:** 1 semester, 1 credit **Career Field:** All

Description: Foundations of Computing 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 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.

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

Career Field: Business Marketing & Management

Description: Students will explore emerging technologies as it applies to their success for high school, college, and career. The focus will be on the importance of digital citizenship, professional presentations, and intermediate spreadsheet and database applications used personally and professionally.

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

Prerequisite: Successful completion of Information Technology Applications I **Career Field:** Business Marketing & Management

Description: This course will focus on skill development in advanced spreadsheet, database, integration of applications utilizing advanced features, and exploring web technologies. Skills, standards, and coursework align with industry certifications.

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

Prerequisite: Strong literacy skills **Career Field:** Communication & Information Systems

Description: IT Fundamentals 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.

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

Prerequisite: Info Tech 2 or IT Fundamentals **Career Field:** All

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
9th Grade	English 9	English 9A
10th Grade	English 10	English 10A
11th Grade	Choice of two English electives, one per semester	English 11AP (college credit available)
12th Grade	Choice of two English electives, one per semester	English 12AP (college credit available)

Course: English 9 **Grade:** 9th **Course Length:** 1 year, 2 credits

Career Field: All

Description: This comprehensive course focuses on the 9th 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:** 9th **Course Length:** 1 year, 2 credits

Prerequisite: Successful completion of English 8 and teacher recommendation **Career Field:** All

Description: This comprehensive course focuses on the 9th 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 classes.

Course: English 10 **Grade:** 10th **Course Length:** 1 year, 2 credits

Prerequisite: 10th grade standing **Career Field:** All

Description: Using the 10th 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:** 10th **Course Length:** 1 year, 2 credits

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

Description: Using the 10th 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 classes.

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

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

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.

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

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

Career Field: All

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.

11th/12th Grade Semester English Courses

Using the 11th/12th 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.

Course: Myths and Legends (Semester 1) **Grade:** 11th, 12th **Course Length:** 1 semester, 1 credit **Career Field:** All

Description: What causes certain myths or legends to endure? In this fiction-based course, students will read and respond to myths and legends from a variety of cultures and time periods.

Course: Young Adult Literature (Semester 1) **Grade:** 11th, 12th **Course Length:** 1 semester, 1 credit

Career Field: All

Description: The point of view of the protagonist makes all the difference. This fiction-based course focuses on reading and responding to literature about or by young adults, exploring their unique perspectives on life and the world around them.

Course: Culture in Context (Semester 1) **Grade:** 11th, 12th **Course Length:** 1 semester, 1 credit

Career Field: All

Description: In an increasingly diverse society, having an understanding of people different from ourselves is a necessary skill. This fiction-based course will provide opportunities for students to read and respond to explore the complex and diverse cultural and social realities of various cultural groups.

Course: 21st Century Studies (Semester 2) **Grade:** 11th, 12th **Course Length:** 1 semester, 1 credit

Career Field: All

Description: What issues are impacting our lives right now? In this nonfiction-based course, students will read and respond to a variety of texts that tackle current topics and concerns from multiple perspectives.

Course: Sports in Literature (Semester 2) **Grade:** 11th, 12th **Course Length:** 1 semester, 1 credit

Career Field: All

Description: This course will examine the triumphs, challenges, and complexities of athletes and sports culture. In this nonfiction-based course, students will read and respond to texts involving the world of sports and the people that play them.

Course: Literature of War (Semester 2) **Grade:** 11th, 12th **Course Length:** 1 semester, 1 credit

Career Field: All

Description: In this nonfiction-based class, students will explore the relationship between human nature and war through a variety of texts. Students will read and respond to texts that illustrate the experience of war for combatants, their families, and communities.

See Communicative Arts section for Creative Writing

Family & Consumer Sciences

Course: Infant Development **Grade:** 10th, 11th, 12th **Course Length:** 1 semester, 1 credit

Career Field: Human Services and Education

Description: Students will explore the developmental stages of children from birth to age 2. Students will also study pregnancy and labor/delivery. Computerized dolls may be sent home to assist in the understanding of infant care requirements.

Course: Preschool Development **Grade:** 10th, 11th, 12th **Course Length:** 1 semester, 1 credit

Prerequisite: Strongly recommend above average attendance & behavior history **Career Field:** Human Services and Education

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.

Course: Introduction to Education **Grade:** 10th, 11th, 12th **Course Length:** 1 semester, 1 credit

Career Field: Human Services and Education

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.

Course: Guiding Children **Grade:** 10th, 11th, 12th **Course Length:** 1 semester, 1 credit

Career Field: Human Services and Education

Description: Students will explore family structures and parenting. Students will also study many topics that families face in today's world. The emphasis is on how these impact the lives of children and how adults with children or working with children can use different techniques to be positive role models for children.

Course: Education Career Academy 1A & 1B **Grade:** 11th, 12th **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 (MCC). 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 13.5 college credit hours by completing Introduction to Professional Education, Human Relations in Education, and Human Relation Skills. 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 12th grade, but junior students will be considered if space is available. Transportation will be provided to and from your home school.

Course: Foods & Nutrition I **Grade:** 10th, 11th **Course Length:** 1 semester, 1 credit

Career Field: Hospitality and Tourism

Description: This course covers basic food preparation, menu planning, nutrition, and food safety.

Course: Foods & Nutrition II **Grade:** 10th, 11th **Course Length:** 1 semester, 1 credit

Prerequisite: Successful completion of Foods & Nutrition I **Career Field:** Hospitality and Tourism

Description: Special nutritional needs are studied as well as international foods.

Course: Culinary Arts I **Grade:** 11th, 12th **Course Length:** 1 year, 2 credits

Prerequisite: Successful completion of Foods & Nutrition II **Career Field:** Hospitality and Tourism

Description: This course offers an introduction into the world of food service operations.

Course: Culinary Arts II **Grade:** 12th **Course Length:** 1 year, 2 credits

Prerequisite: Successful completion of Culinary Arts I **Career Field:** Hospitality and Tourism

Description: Students will learn to strengthen food preparation skills for the food service industry and will apply skills in a student-run restaurant.

Health Sciences

Course: Health Science **Grade:** 10th, 11th, 12th **Course Length:** 1 semester, 1 credit

Prerequisite: Successful completion of Health **Career Field:** Health Sciences

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 shadowing experiences and may become certified in First Aid/CPR/AED as well as become a Certified Emergency Response Team member. This is an excellent introductory course for students who are considering pursuing any avenue in the health field, including nursing, physical therapy, medicine, and other careers. Students participating in this course are eligible for one concurrent enrollment credit for Cardiopulmonary Resuscitation and one concurrent enrollment credit for Community Emergency Response Team from Metro Community College at no cost. Tuition will be paid through DoDEA Project STEM Careers Grant and ARPA funds through 2025.

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

Prerequisite: Successful completion of Health Science **Career Field:** Health Sciences

Description: This course focuses on techniques in the care and prevention of athletic injuries as well as basics in anatomy, physiology, and methods of emergency life support. The course includes techniques in taping, wrapping, basic athletic injury prevention, and lower body evaluation techniques. In addition, this course will further the student's knowledge of injury evaluations and various procedures and techniques associated with sports injuries. Course content will include upper and lower extremity evaluation techniques, legal concerns, career fields in sports medicine, and the different forms of rehabilitation. Students will be required to accumulate a minimum of 25 hours outside of class time in the athletic training room or at athletic events. This course does not fulfill the P.E. requirements for graduation; however, it is an elective credit. Students participating in this course are eligible for dual enrollment credit for the University of Nebraska-Omaha at no cost. Partial tuition may be paid through DoDEA Project STEM Careers Grant.

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

Prerequisite: Concurrent enrollment in Biology A or Successful completion of Biology and Physical Science

Career Field: Health Sciences

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 I and II from Metro Community College at no cost. Tuition will be paid through DoDEA Project STEM Careers Grant and ARPA funds through 2025.

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

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

Prerequisite: Successful completion of any two core science classes courses **Career Field:** Health Sciences

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 22 concurrent enrollment credit hours from Metro Community College at no cost. The CNA Academy program includes courses in CPR, Community Emergency Response, Medical Terminology I & II, Employability Skills in Health Care, CNA/Long Term Care, and Clinicals. Tuition will be paid through DoDEA Project STEM Careers Grant and ARPA funds through 2025. Successful completion of Medical Terminology Systems Approach within this program will fulfill 2 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.**

Mathematics

	College Bound Pathway #1	College Bound Pathway #2	College Bound Pathway #3	Minimum Requirements
9th Grade	Algebra II A	Geometry A	Algebra I	Algebra I
10th Grade	Pre-Calculus A and/or AP Statistics	Algebra II A	Geometry or Geometry A	Geometry
11th Grade	Pre-Calculus A and/or AP Calculus (AB) and/or AP Statistics	Pre-Calculus A and/or AP Statistics	Algebra II or Algebra II A	Algebra II
12th Grade	AP Calculus (AB) and/or AP Calculus (BC) and/or AP Statistics	AP Calculus (AB or BC) and/or AP Statistics	Pre-Calculus A AP Statistics Algebra III Trigonometry Discrete Math Statistics	Optional 4th year: Algebra III Trigonometry Discrete Math Statistics

Course: Integrated Algebra I **Grade:** 9th **Course Length:** 1 year, 2 credits

Prerequisite: Successful completion of Math 8 **Career Field:** All, four year college bound

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

Units of Study: Real Number Operations & Solving Equations; Solving Inequalities; Linear Functions, Systems & Inequalities; Exponents & Exponential Functions; Polynomials & Factoring & Solving Quadratics

Course: Integrated Algebra II **Grade:** 10th, 11th **Course Length:** 1 year, 2 credits

Prerequisite: Successful completion of Integrated Geometry (any level) and Integrated Algebra I

Career Field: All, four year college bound

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

Units of Study: Polynomials & Complex Numbers; Graphing & Transformations of Functions; Rational Expressions; Determining Functions, Function Notation, and Compositions; Exponents, Radicals, and Logarithms; Statistics (including z-scores) & Probability

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

Prerequisite: Successful completion of Integrated Geometry (any level) and Integrated Algebra I

Career Field: All, four year college bound

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: Polynomials & Complex Numbers; Graphing & Transformations of Functions; Rational Expressions; Determining Functions, Function Notation, and Compositions; Exponents, Radicals, and Logarithms; Statistics (including z-scores) & Probability

Course: Algebra III **Grade:** 12th **Course Length:** 1 semester, 1 credit

Prerequisite: Successful completion of Integrated Algebra II **Career Field:** All, four year college bound

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

Course: Integrated Geometry **Grade:** 10th **Course Length:** 1 year, 2 credits

Prerequisite: Successful completion of Integrated Algebra I **Career Field:** All, four year college bound

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

Units of Study: Parallel & Perpendicular Lines (with Reasoning & Proofs); Congruent & Similar Triangles (with Reasoning & Proofs); Polygons & Quadrilaterals (including coordinate proofs); Right Triangle Trigonometry; Transformations; Area, Surface Areas & Volumes

Course: Integrated Geometry A **Grade:** 9th, 10th **Course Length:** 1 year, 2 credits

Prerequisite: Successful completion Algebra I **Career Field:** All, four year college bound

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: Parallel & Perpendicular Lines (with Reasoning & Proofs); Congruent & Similar Triangles (with Reasoning & Proofs); Polygons & Quadrilaterals (including coordinate proofs); Right Triangle Trigonometry; Transformations; Area, Surface Areas & Volumes

Course: Statistics **Grade:** 12th **Course Length:** 1 semester, 1 credit

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

Career Field: All, four year college bound

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

Course: Statistics AP (Advanced Placement) **Grade:** 10th, 11th, 12th **Course Length:** 1 year, 2 credits

Prerequisite: Successful completion of Integrated Algebra IIA or Integrated Algebra II with teacher recommendation

Career Field: All, four year college bound

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

Course: Discrete Mathematics **Grade:** 12th **Course Length:** 1 semester, 1 credit

Prerequisite: Successful completion of Integrated Algebra II **Career Field:** All, four year college bound

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)

Course: Trigonometry **Grade:** 12th **Course Length:** 1 semester, 1 credit

Prerequisite: Successful completion of Integrated Algebra II **Career Field:** All, four year college bound

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

Course: Pre-calculus A (Advanced) **Grade:** 10th, 11th, 12th **Course Length:** 1 year, 2 credits

Prerequisite: Successful completion of Integrated Algebra IIA or Integrated Algebra II with teacher recommendation

Career Field: All, four year college bound

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

Course: AP Calculus AB (Advanced Placement) **Grade:** 11th, 12th **Course Length:** 1 year, 2 credits

Prerequisite: Strongly recommend above average grades in Pre-Calculus A **Career Field:** All, four year college bound

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.

Course: AP Calculus BC (Advanced Placement) **Grade:** 11th, 12th **Course Length:** 1 year, 2 credits

Prerequisite: Strongly recommend above average grades in Pre-Calculus A or AP Calculus AB **Career Field:** All, four year college bound

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.

Music

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

Prerequisite: Previous participation in instrumental music **Career Field:** Communication & Information Systems

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.

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

Prerequisite: Previous instrumental experience and instructor approval **Career Field:** Communication & Information Systems

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.

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

Career Field: Communication & Information Systems

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.

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

Career Field: Communication & Information Systems

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.

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

Course Length: 1 year, 2 credits

Prerequisite: By audition only **Career Field:** Communication & Information Systems

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.

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

Course Length: 1 year, 2 credits

Prerequisite: By audition only **Career Field:** Communication & Information Systems

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.

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

Prerequisite: By audition only **Career Field:** Communication & Information Systems

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.

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

Prerequisite: By audition only **Career Field:** Communication & Information Systems

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.

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

Prerequisite: By audition only **Career Field:** Communication & Information Systems

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.

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

Prerequisite: By audition only **Career Field:** Communication & Information Systems

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.

Course: Music Theory **Grade:** 11th, 12th **Course Length:** 1 semester, 1 credit

Prerequisite: Successful completion of or current enrollment in at least one music ensemble course, or have teacher permission **Career Field:** Communication & Information Systems

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.

Course: Music History **Grade:** 11th, 12th **Course Length:** 1 semester, 1 credit

Career Field: Communication & Information Systems

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.

Physical Education

Course: Health **Grade:** 9th, 10th, 11th, 12th **Course Length:** 1 semester, 1 credit

Career Field: Human Services & Education

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).

Course: Aquatics (West only) **Grade:** 9th, 10th, 11th, 12th **Course Length:** 1 semester, 1 credit

Career Field: Human Services & Education

Description: This course includes activities in water acclimation, water safety, stroke technique instruction, water sports, lap swimming, water fitness, snorkeling, and introduction to springboard diving.

Course: Aerobics **Grade:** 9th, 10th, 11th, 12th **Course Length:** 1 semester, 1 credit

Career Field: Human Services & Education

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

Career Field: Human Services & Education

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.

Course: Introduction to Athletic Strength & Conditioning **Grade:** 9th, 10th, 11th, 12th **Course Length:** 1 semester, 1 credit

Career Field: Human Services & Education

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 Adv. S & C course. Intro may be retaken once for a higher grade to meet the prerequisite to move on to Advanced S & C. All students must dress in workout clothes and shoes daily (no street/ dress clothes, ROTC uniforms, school issued athletic / cheer uniforms. For shoes, no flip-flops or slides allowed.)

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

Prerequisite: Successful completion of Introduction to Athletic Strength & Conditioning **Career Field:** Human Services & Education

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. For shoes, no flip-flops or slides allowed.)

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

Career Field: Human Services & Education

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

Nebraska State Science Standards require the completion of one of the following sequences by the end of Grade 11. (1) Biology, Physical Science, and Earth and Space Science (2) Biology, Physical Science, Chemistry -OR- Physics (3) Biology, Chemistry -AND- Physics Students who choose sequence 2 or 3 will fulfill their requirement of Earth and Space Science Standards. Counselors will meet with students who deviate from the pathways to determine course options. Core Classes are bolded in Pathways and are necessary to fulfill content requirements for the state. Other classes may be taken as electives.				
Grade	Core Science Classes			Elective Science Class Options (in addition to Core Class Selection)
	Pathway #1	Pathway #2	Pathway #3	
9 th Grade	Biology	Biology -or- Biology A	Biology A	A Science Elective is available for 9th Grade, but you will need to see your counselor to discuss possible enrollment.
10 th Grade	Physical Science	Chemistry -or- Chemistry A	Physics -or- Physics AP 1	Medical Terminology—SA Anatomy and Physiology Earth and Space Science Biology AP (with concurrent enrollment in Chemistry A) Physics AP 1 (with concurrent enrollment in Chemistry A)
11 th Grade	Earth & Space Science	Physics -or- Physics AP 1	Chemistry -or- Chemistry A	Medical Terminology—SA Anatomy and Physiology Earth and Space Science Biology AP Chemistry AP Physics AP 1 Physics AP 2
12 th Grade	Science Electives	Science Electives	Science Electives	Medical Terminology—SA Anatomy and Physiology Earth and Space Science Biology AP Chemistry Chemistry A Chemistry AP Physics Physics AP 1 Physics AP 2

CORE SCIENCE CLASSES

Course: Biology **Grade:** 9th **Course Length:** 1 year, 2 credits

Career Field: All

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:** 9th, 10th **Course Length:** 1 year, 2 credits

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

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: Physical Science **Grade:** 10th **Course Length:** 1 year, 2 credits

Career Field: All

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.

Course: Chemistry **Grade:** 10th, 11th, 12th **Course Length:** 1 year, 2 credits

Prerequisite: Successful completion of Integrated Algebra I and concurrent enrollment in Geometry OR successful completion of Physical Science **Career Field:** All college-bound.

Description: Chemistry is a college preparatory course focusing on unit analysis, physical and chemical properties of matter, chemical reactions, and qualitative and qualitative aspects of chemistry. Laboratory work is emphasized.

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

Prerequisite: Successful completion of Integrated Algebra I and concurrent enrollment in Integrated Geometry OR successful completion of Physical Science with teacher recommendation.

Career Field: All college-bound interested in Health Sciences, Industrial, Manufacturing and Engineering Systems.

Description: Chemistry Advanced 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. 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: Physics **Grade:** 10th, 11th, 12th **Course Length:** 1 year, 2 credits

Prerequisite: Successful completion of Algebra I or Physical Science; concurrent enrollment of Integrated Geometry

Career Field: Health Sciences, Industrial, Manufacturing and Engineering Systems

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 practical applications of physics. *This course is highly recommended for any two- or four- year college-bound student.*

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

Prerequisite: Successful completion of Integrated Algebra I and Integrated Geometry and concurrent enrollment in Integrated Algebra II **Career Field:** Health Sciences, Industrial, Manufacturing and Engineering Systems

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. 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.).*

Course: Earth and Space Science **Grade:** 10th, 11th, 12th **Course Length:** 1 year, 2 credits

Prerequisite: None (10th grade must be concurrently enrolled in Physics or Chemistry)

Career Field: Industrial, Manufacturing and Engineering Systems

Description: Earth and 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.

ELECTIVE SCIENCE CLASSES

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

Prerequisite: Concurrent enrollment in Biology A or Successful completion of Biology and Physical Science

Career Field: Health Sciences

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 tenses, 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 1 and 2 from Metropolitan Community College at no cost. Tuition will be paid through DoDEA Project STEM Careers Grant.

Course: Anatomy and Physiology **Grade:** 10th, 11th, 12th **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

Career Field: All, college-bound interested in Health Sciences, Engineering Systems, Food Sciences, and Agriculture

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 and Physiology is a rigorous laboratory-based course for students with aptitude and interest in the health sciences.

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

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

Career Field: All college-bound interested in Health Sciences, Industrial, Manufacturing, Engineering Systems, Food Sciences, and Agriculture

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.).*

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

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

Career Field: All college-bound interested in Health Sciences, Industrial, Manufacturing and Engineering Systems

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.).*

Course: Physics AP 2 **Grade:** 11th, 12th **Course Length:** 1 year, 2 credits

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

Career Field: Health Sciences, Industrial, Manufacturing and Engineering Systems

Description: Physics AP 2 is a laboratory-based course equivalent to a second semester college course in algebra-based physics covering fluid mechanics; 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

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

Career Field: Skilled & Technical Sciences

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, computer aided design basics, linear measuring, woodworking, and metalworking. Upon completion of the class the student will receive a 10-hour OSHA certification.

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

Prerequisite: Introduction to Skilled & Technical Sciences **Career Field:** 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, and gas metal arc welding.

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

Prerequisite: Beginning Manufacturing & Processing **Career Field:** Skilled & Technical Sciences

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.

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

Prerequisite: Introduction to Skilled & Technical Sciences **Career Field:** 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.

Course: CAD II **Grade:** 10th, 11th, 12th **Course Length:** 1 semester, 1 credit

Prerequisite: Drafting/CAD I **Career Field:** Skilled & Technical Sciences

Description: This course builds upon the skills developed in CAD I. Students will be taught dimensioning, isometric drawings, section views, and auxiliary views.

Course: CAD III **Grade:** 10th, 11th, 12th **Course Length:** 1 semester, 1 credit

Prerequisite: CAD II **Career Field:** Skilled & Technical Sciences

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.

Course: CAD IV **Grade:** 11th, 12th **Course Length:** 1 semester, 1 credit

Prerequisite: CAD III **Career Field:** Skilled & Technical Sciences

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 Revit 3D.

Course: Small Engines **Grade:** 11th, 12th **Course Length:** 1 semester, 1 credit

Prerequisite: Introduction to Skilled & Technical Sciences **Career Field:** 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.

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

Prerequisite: Introduction to Skilled & Technical Sciences and 10 hour OSHA Card **Career Field:** 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. The project is a coat and mitten rack. Small fee for project material.

Course: Woods II **Grade:** 10th, 11th, 12th **Course Length:** 1 semester, 1 credit

Prerequisite: Woods I and 10 hour OSHA Card **Career Field:** Skilled & Technical Sciences

Description: Students will use hand tools, portable tools, and machines. Students will focus on furniture building designs. The project for the class is an Adirondack chair, a footstool, and/or end table.

Course: Woods III **Grade:** 11th, 12th **Course Length:** 1 semester, 1 credit

Prerequisite: Woods II and 10 hour OSHA card **Career Field:** Skilled & Technical Sciences

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.

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

Prerequisite: Woods I **Career Field:** Skilled & Technical Sciences

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:** 11th, 12th **Course Length:** 1 semester, 1 credit

Prerequisite: Construction Technology I **Career Field:** Skilled & Technical Sciences

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

Career Field: Skilled & Technical Sciences

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 will be required to reimburse BPS for tuition and online materials (\$325.00) 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.

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

Career Field: Skill and Technical Sciences (Transportation)

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.

Social Studies

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

Career Field: All

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.

Course: American Government **Grade:** 12th (11th by Counselor Approval) **Course Length:** 1 semester, 1 credit

Career Field: All

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.

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

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

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.

Course: American History **Grade:** 9th **Course Length:** 1 year, 2 credits **Career Field:** All

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

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

Prerequisite: Successful completion of English 8 and Social Studies 8 **Career Field:** All

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.

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

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

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.

Course: Comparative World Religions **Grade:** 11th, 12th **Course Length:** 1 semester, 1 credit

Career Field: All

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

Course: Economics **Grade:** 11th, 12th **Course Length:** 1 semester, 1 credit **Career Field:** All

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.

Course: Justice & Law **Grade:** 10th, 11th, 12th **Course Length:** 1 semester, 1 credit **Career Field:** All

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

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

Career Field: All

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.

Course: Philosophy **Grade:** 11th, 12th **Course Length:** 1 semester, 1 credit **Career Field:** All

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).

Course: Psychology **Grade:** 11th, 12th **Course Length:** 1 semester, 1 credit **Career Field:** All

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.

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

Prerequisite: Strongly recommend above average grades in English and Science **Career Field:** All

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.

Course: Sociology **Grade:** 11th, 12th **Course Length:** 1 semester, 1 credit

Career Field: All

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.).

Course: Global Issues **Grade:** 10th, 11th, 12th **Course Length:** 1 semester, 1 credit

Career Field: All

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

Course: World History **Grade:** 10th **Course Length:** 1 year, 2 credits

Career Field: All

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

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

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

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 courses paid for through the IMPACT-WL Grant.

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

Career Field: All

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.

Courses: Latin I **Grade:** 9th, 10th, 11th, 12th **Course Length:** 1 year, 2 credits **Career Field:** All

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.

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

Prerequisite: Successful completion of Level I language. Placement for native speaking students will be determined by the teacher **Career Field:** All

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.

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

Prerequisite: Successful completion of Latin I **Career Field:** All

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.

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

Prerequisite: Successful completion of Level II language. Placement for native speaking students will be determined by the teacher **Career Field:** All

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.

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

Prerequisite: Successful completion of Latin II **Career Field:** All

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.

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

Prerequisite: Successful completion of Level III language. Placement for native speaking students will be determined by the teacher **Career Field:** All

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.

Courses: Latin IV **Grade:** 11th, 12th **Course Length:** 1 year, 2 credits

Prerequisite: Successful completion of Latin III **Career Field:** All

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.

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

Prerequisite: Successful completion of Level IV language. Placement for native speaking students will be determined by the teacher **Career Field:** All

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 will be paid through DoDEA IMPACT-WL Grant or ARPA Funds through 2025.

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 classes. For students already attending the senior high schools, the IEP will be used to make sure Special Education classes 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 classes that can be offered to special education students attending Bellevue East and West High Schools.

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 Learner's course, students must be identified as English Language 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 classes 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.

Classes are taught in the individual high school classroom, as scheduled, during the regular school year. Some concurrent enrollment classes 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 ARPA funds through the 2025 school year.

Please see the Counseling Office for more information or visit:

<https://www.mccneb.edu/Current-Students/Enrollment/Secondary-Partnerships/Concurrent-Enrollment.aspx>

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 classes or visit:

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

CollegeNOW!

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

Seven different campus/center locations, PLUS online courses, to choose from

- 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 2024-25 (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 covered through ARPA funds through the 2025 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 Street

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/Longterm 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

Theater Technology

Sarpy Center (SRP)

Criminal Justice

Office Administrative Professional, Business

Please see the Counseling Office for more information or visit:

<https://www.mccneb.edu/Prospective-Students/Start-Here/Enrollment-FAQ/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 and Management**

Marketing

Hospitality & Tourism

Business Management & Administration

Finance

Communication and Information Systems

Arts, A/V Technology, & Communications

Information Technology

Skilled and Technical Sciences

Science, Technology, Engineering & Mathematics

Manufacturing

Architecture & Construction

Transportation, Distribution & Logistics

Human Services and Education

Government and Public Administration

Human Services

Education & Training

Law, Public Safety, Correction & Security

Agriculture, Food, and 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

High schools have an eight period day. Students will need to select classes to equal eight class periods. Registration forms can be downloaded from your student's high school website.

Required Classes:

- English
- Math
- Biology
- American History
- Health (three options for taking Health)
 - a. Health class - one semester class
 - b. Aerospace Science I (AFJROTC) - year long class, includes Health
 - c. Summer School Health

Elective Classes:

Aerospace Science

- Aerospace Science I (AFJROTC)

Art

- Introduction to Art* (**required prior to taking classes listed below**)
- Ceramics I*
- Drawing I*
- Painting I*
- Sculpture I*

Business

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

Communicative Arts

- Introduction to Competitive Speech
- Popular Culture Creation*
- Photography and Graphic Design*
- Digital Design*
- Journalistic Writing*
- Introduction to Theatre
- Stagecraft

Computer Science & Information Technology

- Computer Science Principles AP
- Cybersecurity*
- Exploring Computer Science*
- Foundations of Computing*
- Information Technology Applications I, II*
- IT Fundamentals*
- Web Design & Development*

Music

- Concert Band
- Freshmen Chorus

Physical Education

- Aquatics* (West only)
- Aerobics*
- Lifetime Activities*
- Introduction to Athletic Strength & Conditioning*
- Team Sports*

Skilled & Technical Sciences

- Introduction to Skilled & Technical Sciences* (**required prior to taking the classes listed below**)
- Beginning Manufacturing & Processing*
- Drafting/CAD I*
- Woods I*

Social Studies

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

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 class

Sophomore Course Offerings

High schools have an eight period day. Students will need to select classes to equal eight class periods. Registration forms can be downloaded from your student's high school website.

Required Classes:

- English
- Math
- Science
- World History

Elective Classes:

Aerospace Science

- Aerospace Science II

Art

- Introduction to Art* (**required prior to taking classes listed below**)
- Ceramics I, II*
- Drawing I, II, III*
- Painting I, II*
- Sculpture I, II*

Business

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

Communicative Arts

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

Computer Science & Information Technology

- Computer Science-A AP
- Computer Science Principles AP
- Cybersecurity*
- Exploring Computer Science*
- Foundations of Computing*
- Information Technology Applications I, II*
- Foundations of Computing*
- IT Fundamentals*
- Web Design & Development*

Family & Consumer Sciences

- Infant Development*
- Preschool Development*
- Introduction to Education*
- Guiding Children*
- Foods & Nutrition I, II*

Health Sciences

- Health Science*
- Sports Medicine
- Medical Terminology-Systems Approach

Music

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

Physical Education

- Aquatics* (West only)
- Aerobics*
- Lifetime Activities*
- Introduction to Athletic Strength & Conditioning*
- Advanced Athletic Strength & Conditioning*
- Team Sports*

Science

- Biology A
- Biology AP
- Physical Science
- Chemistry
- Chemistry A
- Physics
- Physics AP 1
- Earth & Space Science
- Anatomy & Physiology

Skilled & Technical Sciences

- Introduction to Skilled & Technical Sciences* (**required prior to taking classes listed below**)
- Beginning Manufacturing & Processing*
- Advanced Manufacturing & Processing*
- Drafting/CAD I*
- CAD II, III, IV*
- Woods I, II*
- Construction Technology I*

Social Studies

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

High schools have an eight period day. Students will need to select classes to equal eight class periods. Registration forms can be downloaded from your student's high school website.

Required Classes:

- English
- Math
- Science
- Economics
- Personal Finance*

Elective Classes:

Aerospace Science

- Aerospace Science III

Art

- Introduction to Art* (**required prior to taking classes listed below**)
- Ceramics I, II*
- Drawing I, II, III*
- Painting I, II*
- Sculpture I, II*
- Studio Art 2D AP, 3D AP (East only)

Business

- Accounting I, II, III, IV*
- Business Communications*
- Business Law*
- Jobs for American Graduates (JAG)
- Entrepreneurship*
- Hospitality & Tourism*
- Information Technology Applications I, II*
- Management & Leadership*
- Marketing*
- Marketing Management*
- Advanced Marketing
- Management Internship*
- Marketing Internship
- Macroeconomics AP* (East only)
- Microeconomics AP* (East only)
- Personal Finance*
- Sports & Entertainment Marketing*

Communicative Arts

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

Computer Science & Information Technology

- Computer Science-A AP
- Computer Science Principles AP
- Cybersecurity*
- Exploring Computer Science*
- Foundations of Computing*
- Information Technology Applications I, II*
- IT Fundamentals*
- Web Design & Development*

Family & Consumer Sciences

- Infant Development*
- Preschool Development*
- Introduction to Education*
- Guiding Children*
- Education Career Academy 1A* & 1B* (**BPS Frank Kumor Career Center**)
- Foods & Nutrition I, II*
- Culinary Arts I

Health Sciences

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

Music

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

Physical Education

- Aquatics* (West only)
- Aerobics*
- Lifetime Activities*
- Introduction to Athletic Strength and Conditioning*
- Advanced Athletic Strength & Conditioning*
- Team Sports*

Science

- Biology AP
- Chemistry
- Chemistry A
- Chemistry AP
- Physics
- Physics AP 1, 2
- Earth & Space Science
- Anatomy & Physiology

Skilled & Technical Sciences

- Automotive Maintenance 1A and 1B (**BPS Frank Kumor Career Center**)
- Aviation Academy 1A and 1B (**BPS Frank Kumor Career Center**)
- Introduction to Skilled & Technical Sciences* (**required prior to taking classes listed below**)
- Beginning Manufacturing & Processing*
- Advanced Manufacturing & Processing*
- Drafting/CAD I*
- CAD II, III, IV*
- Small Engines*
- Woods I, II, III*
- Construction Technology I, II*

Social Studies

- American Cultural Studies*
- Academic Decathlon (East only)
- American Government* (East only)
- American History AP
- Comparative World Religions*
- Economics*
- 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, IV
- 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

High schools have an eight period day. Students will need to select classes to equal eight class periods. Registration forms can be downloaded from your student's high school website.

Required Classes:

- English
- American Government

Elective Classes:

Aerospace Science

- Aerospace Science IV

Art

- Introduction to Art*
- Ceramics I, II*
- Drawing I, II, III*
- Painting I, II*
- Sculpture I, II*
- Art Thesis
- Studio Art 2D AP, 3D AP (East only)

Business

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

Communicative Arts

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

Computer Science & Information Technology

- Computer Science-A AP
- Computer Science Principles AP
- Cybersecurity*
- Exploring Computer Science*
- Foundations of Computing*
- Information Technology Applications I, II*
- IT Fundamentals*
- Web Design & Development*

Family & Consumer Sciences

- Infant Development*
- Preschool Development*
- Introduction to Education*
- Guiding Children*
- Education Career Academy 1A* & 1B* (BPS Frank Kumor Career)
- Culinary Arts I, II

Health Sciences

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

Music

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

Physical Education

- Aquatics* (West only)
- Aerobics*
- Lifetime Activities*
- Introduction to Athletic Strength & Conditioning*
- Advanced Athletic Strength & Conditioning*
- Team Sports*

Science

- Biology AP
- Chemistry
- Chemistry A
- Chemistry AP
- Physics
- Physics AP 1, 2
- Earth & Space Science
- Anatomy & Physiology

Skilled & Technical Sciences

- Automotive Maintenance Academy 1A and 1B (BPS Frank Kumor Career)
- Aviation Academy 1A and 1B (BPS Frank Kumor Career Center)
- Introduction to Skilled & Technical Sciences* (required prior to taking classes listed below)
- Beginning Manufacturing & Processing*
- Advanced Manufacturing & Processing*
- Drafting/CAD I*
- CAD II, III, IV*
- Small Engines*
- Woods I, II, III*
- Construction Technology I, II*

Social Studies

- American Cultural Studies*
- Academic Decathlon (East only)
- American Government*
- American Government AP
- American History AP
- Comparative World Religions*
- Economics*
- 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

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