

# BISON

## Buena Vista High School

### 25-26

### Abridged

# Course Catalog

#### FAST FACTS

<i>Mascot</i>	<b>Bison</b>
<i>Colors</i>	<b>Black, silver, burgundy</b>
<i>Founded</i>	<b>2022</b>
<i>Enrollment</i>	<b>1,500</b>
<i>Amazing Unique YOU</i>	<b>1</b>
<i>Career Pathways</i>	<b>9</b>
<i>Principal</i>	<b>Dr. Carrie Carr</b>
<i>Website</i>	<b>Ops.org/buenavista</b>
<b>Buena Vista High School</b>	
<b>5616 L St. Omaha, NE 68117</b>	
<b>531-299-2900</b>	

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### OPS Non-Discrimination Policy

Omaha Public Schools does not discriminate on the basis of race, color, national origin, religion, sex (including pregnancy), marital status, sexual orientation, disability, age, genetic information, gender identity, gender expression, citizenship status, veteran status, political affiliation or economic status in its programs, activities and employment and provides equal access to the Boy Scouts and other designated youth groups. The following individual has been designated to accept allegations regarding non-discrimination policies: Superintendent of Schools, 3215 Cuming Street, Omaha, NE 68131 (402-557-2001). The following persons have been designated to handle inquiries regarding the non-discrimination policies: Director for the Office of Equity and Diversity, 3215 Cuming St, Omaha, NE 68131 (531-299-0307).

Las Escuelas Públicas de Omaha no discrimina por motivos de raza, color, origen nacionalidad, religión, sexo (incluyendo el embarazo), estado civil, orientación sexual, discapacidad, edad, información genética, identidad de género, expresión de género, estatus de ciudadanía, condición de veterano, afiliación política o condición económica en sus programas, actividades y empleo y se proporciona un acceso equitativo a los niños exploradores (boy Scouts) y otros grupos juveniles. La siguiente persona ha sido designada para aceptar las alegaciones en relación con las políticas de no discriminación: el Superintendente de Escuelas, 3215 Cuming Street, Omaha, NE 68131 (402-557-2001). Las siguientes personas han sido designadas para manejar las preguntas con respecto a las políticas de no discriminación: Director de la Oficina de Equidad y Diversidad, 3215 Cuming St, Omaha, NE 68131 (531-299-0307).



## 25-26 Course Selection Process & Schedule

Students will begin course selection for the following school year in February. Students are encouraged to familiarize themselves with the Buena Vista course guide and the Omaha Public Schools graduation requirements. Each student will meet individually with their counselor in the spring for a planning session which will include locking in selections for courses for the following year. It is important students consider course choices and discuss with families and teachers and case managers to prepare for course selection with their counselors. Students' abilities, interests, 504 and IEP plans, and individual goals are essential factors when making selections.

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**During February and March, students select and finalize their courses for the FOLLOWING school year.**

Please refer to the online Buena Vista Course Catalog (available at [ops.org/BuenaVista](https://ops.org/BuenaVista)). The course catalog includes a course planner to outline required and elective courses, as well as course descriptions with grade levels and prerequisites.

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### 10th – 12th Grade Course Selection

**During late January and February; current Buena Vista students** will be directed to update their **Academic Planner in their student portal** during their Bison Block class. They will have until February 23<sup>th</sup> to work with their parents, guardians, and teachers to select the appropriate classes in the planner and return their signed course selection sheet to their Bison Block teacher. *The course selection sheet will be signed by the parent/guardian, the student, and the counselor and saved as a record of selections.*

**During February**, high school counselors will meet with Buena Vista students 1:1 to finalized and verify course selections, level placement, career pathways, and alternative electives. Selections will be locked in at this time. *Once locked, the counselor must be contacted to make adjustments before the end of the school year.*

### 9th Grade Course Selection

**Between February 24<sup>th</sup> and 27<sup>th</sup>, incoming 9<sup>th</sup> grade students** will receive High School Course Selection presentations at their middle school to hear about the course opportunities available to them and begin making selections. They will take their schedule planning worksheet home to discuss with family and get a parent / guardian signature on the sheet.

**Beginning February 27<sup>th</sup>** incoming 9<sup>th</sup> grade Bison will meet 1:1 with a high school counselor at their middle school, to select their courses for the following school year. The student's signed plan will be kept as a record. Students will receive a copy. *Once locked, the counselor must be contacted to make adjustments.*



## Making Course Changes

Following spring registration, students can adjust course selections by emailing their counselor directly. Once the current school year is completed course selections are considered FINAL. If there is a schedule conflict for a students, counselors will prioritize GRADUATION REQUIREMENTS and COURSE WITH REQUIRED AUDITIONS and the students stated 4-year plan. Students may be placed in alternative electives as applicable; counselors will prioritize the alternatives selected by the student when available.

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

- If a course was completed during summer school a student can advance to the next level
- If a course was failed during the previous year and therefore a student cannot advance
- If there is a schedule conflict that cannot be adjusted without dropping or changing a course
- If a student needs to meet graduation requirements
- Administrative discretion due to safety or behavior concerns

## COURSE DROP GUIDELINES

Dropping a course after the first 15 days of the semester will result in a grade of an “F,” which is included in grade point average calculations. Requests to change or drop a course will be initiated by the student or parent/guardian to the school counselor.

Procedures for requesting a withdrawal from a course:

- Initial conversation with counselor and student, and parent notification
- Counseling conference with student and teacher, focused on problem-solving
- Follow-up conversation with counseling if resolution is not reached with student and teacher
- Team Conversation with stakeholders (student, parent, teacher, counselor, CS, case manager, admin, etc...)
- \*\*Please use the “Schedule Correction Request Form” which can be found in the counseling office if a change is pursued after problem-solving.
- Administration and Curriculum Specialist / Department Head review and decision making.

*Requesting a drop or a change does not mean that it will be approved. If a drop is approved there may be no alternative course for the student to take; and they may be assigned a study hall, and office aide period, or an open block if they are eligible for this opportunity.*

## COURSE PLACEMENT APPEALS PROCESS

All secondary Omaha Public Schools offer procedures for appealing course placement (i.e. AP, Honors etc.). Each building may have specific forms and deadlines, however, the following general procedures shall apply:

*Level One:* Counselor, Curriculum Specialist, Assistant Principal or Principal. A student or parent with a course placement appeal may first discuss the matter with the counselor or building level administrator involved, with the objective of resolving the issue informally.

*Level Two:* Chief Academic Officer (Department of Curriculum, Instruction and Support) If the course placement appeal is not resolved at Level One, and the individual still wishes to pursue the appeal, they may formalize the request in writing addressed to the Chief Academic Officer of Curriculum, Instruction and Support at 3215 Cuming St. Omaha, NE 68131.

*Level Three:* Superintendent. If the appeal is not resolved at Level Two, and the individual still wishes to pursue the appeal, they may formalize the request to the superintendent of schools after receiving a written response from the Chief Academic Officer.

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





## Omaha Public Schools Graduation & College Entrance Requirements

OMAHA PUBLIC SCHOOLS GRADUATION REQUIREMENTS	
SUBJECT	CREDITS
<b>ENGLISH</b>	<b>8 CREDITS</b> Grade 9 – English 1 & 2 Grade 10 – English 3 & 4 Grade 11 – English 5 & 6 Grade 12 – English 7 & 8
<b>SOCIAL STUDIES</b>	<b>7 CREDITS</b> Grade 9 – U.S. History 1 & 2 Grade 10 – Human Geography & Intro to Economics Grade 11 – World History 1 & 2 Grade 12 – American Government
<b>MATHEMATICS</b>	<b>6 CREDITS</b> Grade 9 – Math as Recommended Grade 10 – Math as Recommended Grade 11 – Math as Recommended
<b>SCIENCE</b>	<b>** 6 CREDITS</b> Grade 9 – Physical Science 1 & 2 Grade 10 – Biology 1 & 2 Grade 11 – Science Elective
<b>PHYSICAL EDUCATION</b>	<b>4 CREDITS</b>
<b>HUMAN GROWTH &amp; DEVELOPMENT</b>	<b>1 CREDIT</b>
<b>PERSONAL FINANCE</b>	<b>1 CREDIT</b> Grade 12 – Personal Finance
<b>COMPUTER SCIENCE AND TECHNOLOGY</b>	<b>1 CREDIT</b> Not required for 2025 & 2026 Graduating Classes
<b>ELECTIVES</b>	<b>16 CREDITS</b> – 2025 & 2026 Graduating Classes <b>15 CREDITS</b> – 2027 & 2028 Graduating Classes Consider education plans and interests
<b>FAFSA</b>	Complete or opt out of FAFSA
<b>TOTAL CREDITS</b>	<b>49 CREDITS REQUIRED TO GRADUATE</b> For all OPS High Schools

### ON-TRACK TO GRADUATE

Being "on track" means you're on the right path to graduate on time! A student's on-track status is a key indicator in helping students understand if they will graduate on time. You are considered "on track" if you:

- Pass all required courses for your grade level.
- Earn the total number of credits listed in the chart below.

### GRADUATION REQUIREMENTS BY GRADE LEVEL

SUBJECT	Grade 9	Grade 10	Grade 11	Grade 12	Total
English	2	2	2	2	8
Social Studies	2	2	2	1	7
Math	2	2	2	–	6
Science	2	2	2	–	6
Physical Education	–	–	2	2	4
Personal Finance	–	–	–	1	1
Electives	5	4	2	6	17
<b>Total</b>	<b>13</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>49</b>

**Note:** 49 Credits are required to graduate.

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

### TYPICAL 4-YEAR COLLEGE ENTRANCE REQUIREMENTS

<b>High School Diploma or GED</b>
<b>English Courses</b> 4 years
<b>Social Studies Courses</b> 3 years
<b>Mathematics Courses</b> 3-4 years, generally including Algebra 1-2, Geometry 1-2, and Algebra 3-4
<b>Science Courses</b> 3 years, typically with at least one lab-based
<b>World Language Courses</b> 2-3 years, recommended but sometimes required
<b>Other Requirements</b> Additional coursework, GPA, Standardized Tests (ACT/SAT), Letters of Recommendation, Extracurricular Activities, and Personal Essays may be required

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

### TYPICAL 2-YEAR COLLEGE/TRADE PROGRAM ENTRANCE REQUIREMENTS

<b>High School Diploma or GED</b>
<b>Other Requirements</b> Additional coursework, Placement Tests (ACT or other Placement Tests), Program-Specific Requirements

Community colleges and trade schools often have open enrollment policies, meaning they accept all applicants who meet the basic requirements. These institutions offer more flexible and accessible options for students looking to enter the workforce quickly or explore specific trades without committing to a 4-year degree program. Requirements depend on the institution, so it's essential to check with the specific school you are interested in.

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## Escuelas Públicas de Omaha Requisitos para graduarse y entrar a la universidad

REQUISITOS DE GRADUACIÓN DE LAS ESCUELAS PÚBLICAS DE OMAHA	
MATERIA	CREDITOS
<b>INGLÉS</b>	<b>8 CRÉDITOS</b> Grado 9 – Inglés 1 y 2 Grado 10 – Inglés 3 y 4 Grado 11 – Inglés 5 y 6 Grado 12 – Inglés 7 y 8
<b>ESTUDIOS SOCIALES</b>	<b>7 CRÉDITOS</b> Grado 9 – Historia de EE. UU. 1 y 2 Grado 10 – Geografía Humana e Introducción a Economía Grado 11 – Historia Mundial 1 y 2 Grado 12 – Gobierno Americano
<b>MATEMÁTICAS</b>	<b>6 CRÉDITOS</b> Grado 9 – Matemáticas como se recomienda Grado 10 – Matemáticas como se recomienda Grado 11 – Matemáticas como se recomienda
<b>CIENCIAS</b>	<b>** 6 CRÉDITOS</b> Grado 9 – Ciencia Física 1 y 2 Grado 10 – Biología 1 y 2 Grado 11 – Clase electiva de Ciencias
<b>EDUCACIÓN FÍSICA</b>	<b>4 CRÉDITOS</b>
<b>CRECIMIENTO Y DESARROLLO HUMANO</b>	<b>1 CRÉDITO</b>
<b>FINANZAS PERSONALES</b>	<b>1 CRÉDITO</b> Grado 12 – Finanzas personales
<b>CIENCIAS DE LA COMPUTACIÓN Y TECNOLOGÍA</b>	<b>1 CRÉDITO</b> No es necesario para los estudiantes que se gradúan en el 2025 y 2026
<b>ELECTIVAS</b>	<b>16 CRÉDITOS</b> – estudiantes que se gradúan en el 2025 y 2026 <b>15 CRÉDITOS</b> – estudiantes que se gradúan en el 2027 y 2028 Considere los planes e intereses de educación
<b>FAFSA *</b>	Completar u optar por no participar en FAFSA
<b>CRÉDITOS EN TOTAL</b>	<b>49 CRÉDITOS REQUERIDOS</b> Para todas las escuelas preparatorias de OPS

### EN CAMINO HACIA LA GRADUACIÓN

Estar "en camino" significa que estás en el camino correcto para graduarte a tiempo. El que un estudiante este obteniendo los créditos de acuerdo a lo planeado es un indicador clave para ayudarlos a comprender si se graduarán a tiempo. Se considera que estás "en camino hacia la graduación" si:

- apruebas todos los cursos requeridos para tu grado.
- obtienes la cantidad total de créditos que se indican en la tabla a continuación.

### REQUISITOS DE GRADUACIÓN POR GRADO

MATERIA	9º Grado	10º Grado	11º Grado	12º Grado	Total
Inglés	2	2	2	2	8
Estudios sociales	2	2	2	1	7
Matemáticas	2	2	2	–	6
Ciencia	2	2	2	–	6
Educación física	–	–	2	2	4
Finanzas personales	–	–	–	1	1
Electivas	5	4	2	6	17
<b>Total</b>	<b>13</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>49</b>

**Note:** Se requieren 49 créditos para graduarse.

**\*\* Para los estudiantes que han completado exitosamente Ciencias Físicas en el 8º grado, su secuencia comenzará con Biología.**

**FAFSA \*** (Solicitud Gratuita de Ayuda Federal para Estudiantes) se utiliza para determinar la ayuda financiera para colegios/universidades.

### REQUISITOS TÍPICOS DE INGRESO A UNA UNIVERSIDAD DE 4 AÑOS

<b>Diploma de escuela preparatoria o GED</b>
<b>Cursos de Inglés</b> 4 años
<b>Cursos de Estudios Sociales</b> 3 años
<b>Cursos de Matemáticas</b> 3-4 años, generalmente incluye Álgebra 1-2, Geometría 1-2, y Álgebra 3-4
<b>Cursos de Ciencias</b> 3 años, normalmente con al menos una clase de laboratorio
<b>Cursos de Idiomas del Mundo</b> 2-3 años, recomendado, pero a veces requerido
<b>Otros requisitos</b> Cursos adicionales, promedio de calificación, Pruebas estandarizadas (ACT/SAT), cartas de recomendación, actividades extracurriculares, y es posible que se requieran ensayos personales

Los estudiantes y padres/tutores deben investigar los requisitos de cada institución para asegurarse que los estudiantes han seleccionado las clases apropiadas.

### REQUISITOS TÍPICOS DE INGRESO A UN COLEGIO DE 2 AÑOS/ O A UN PROGRAMA O ESCUELA VOCACIONAL

<b>Diploma de escuela preparatoria o GED</b>
<b>Otros requisitos</b> Cursos adicionales, examen del nivel académico (ACT u otros exámenes que demuestren el nivel académico del estudiante), requisitos específicos del programa

Los colegios comunitarios y las escuelas vocacionales suelen tener políticas de inscripción abierta, lo que significa que aceptan a todos los solicitantes que cumplen con los requisitos básicos. Estas instituciones ofrecen opciones más flexibles y accesibles para los estudiantes que buscan ingresar rápidamente a la fuerza laboral o explorar oficios específicos sin comprometerse con un programa de 4 años. Los requisitos dependen de la institución, por lo que es esencial consultar con la escuela específica en la que estás interesado.

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Revisado el 9 de diciembre de 2024

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## General 4-year Course Planner

### 9th Grade

Semester 1	Semester 2
1. English 1 or H Eng 1	English 2 or H Eng 2
2. US Hist 1 or H US Hist 1	US Hist 2 or H US Hist 2
3. Math: Pre-Algebra 1, Algebra 1, Geometry 1/H	Math: Pre-Algebra 2, Algebra 2, Geometry 2/H
4. Science: Physical Science 1, Biology 1, Honors Biology 1	Science: Physical Science 2, Biology 2, Honors Biology 2
5. Physical Education / JROTC / Concert Band	Physical Education / JROTC / Concert Band
6. Freshman Seminar	Freshman Seminar
7. Elective:	
8. Elective:	
Alternate:	
Alternate:	

### 10th Grade

Semester 1	Semester 2
1. Eng 3 or H Eng 3	Eng 4 or H Eng 4
2. Economics 1 or H Economics	Human Geo 1 or AP HUGE
3. Math: Algebra 1, Geometry 1/H, Algebra 3 / H3, H. Pre-Calc	Math: Algebra 2, Geometry 2/H, Algebra 4 / H, H. Pre-Calc
4. Science: Biology 1, Honors Biology 1, Chemistry 1, H Chem	Science: Biology 2, Honors Biology 2, Chemistry 2, H Chem 2
5. PE Elective / JROTC / Concert Band / Swing Choir	PE Elective / JROTC / Concert Band / Swing Choir
6. Human Growth	Semester Elective:
7. Pathway Course 1:	Pathway Course 2:
8. Elective:	
Alternate:	
Alternate:	

### 11th Grade

Semester 1	Semester 2
1. Eng 5 or AP Lang	Eng 6 or AP Lang
2. Mod W Hist 1 or AP World Hist	M W Hist 2 or AP World Hist
3. Algebra 3, H. Pre-Calc Trig, AP Calc or AP Stats	Algebra 4, H. Pre-Calc Trig, AP Calc or AP Stats
4. Pathway Course 3:	Pathway Course 4:
5. Science Elective:	Science Elective:
6. Elective:	
7. Elective:	
8. Elective:	
Alternate:	
Alternate:	

### 12th Grade

Semester 1	Semester 2
1. Eng 7 or AP Lit	Eng 8 or AP Lit
2. American Gov't or AP American Gov't	Personal Finance
3. Pre Calc, Prob/Stats, or AP Calc/Stats	Pre Calc, Prob/Stats, or AP Calc/Stats
4. Pathway Course 5:	Pathway Course 6:
5. Science Elective:	Science Elective:
6. Elective:	
7. Elective:	
8. Elective:	
Alternate:	
Alternate:	

\*If recommended by middle school, 9<sup>th</sup> graders will be required to take Reading as an elective.

\*\*4 semesters of PE/JROTC are required for graduation. First semester of concert band satisfies 1 PE credit.

\*\*\*Many colleges require two years of the same world language.

\*\*\*\*Many colleges require four years of math (Algebra 1-2 and higher).





### 9<sup>th</sup> GRADE HONORS PLACEMENT GUIDELINES

*The following honors courses are suggested for students who meet the guidelines listed.*

#### ENGLISH

##### Honors English 1-2:

Any one of the following\*:

- Grade of "A" in English Language Arts-8 1-2
- Grade of "B" or higher in Honors English Language Arts-8 1-2
- MAP Reading score at or above **235** (Fall)

#### SOCIAL STUDIES

##### Honors US History 1-2:

Any one of the following\*:

- Grade of "B" or higher in Social Studies 8 1-2
- MAP Reading score at or above **218** (Fall)

#### MATH

##### Honors Geometry 1-2:

Any one of the following\*:

- Grade of "A" in Algebra 1-2
- Grade of "B" or higher in Honors Algebra 1-2
- MAP Math score at or above **235** (Fall)

**Honors Algebra 3-4:** (Requires an Acceleration Agreement on file with GATE office)

#### SCIENCE

##### Honors Biology 1-2:

Any one of the following\*:

- Grade of "A" in Physical Science 1-2 (Current 9<sup>th</sup> Grade Only)
- Grade of "B" or higher in Honors Physical Science 1-2
- MAP Science score at or above **225** (Fall)

##### Honors Physical Science 1-2:

Any one of the following\*:

- Grades of "B" or higher in Science 8 1-2 AND concurrent enrollment in Algebra 1-2 or higher math course
- MAP Math Score at or above **234** (Fall) AND MAP Science Score at or above **223** (Fall)

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

Every student. Every day.  
Prepared for success.

## Ways to Get Involved at Buena Vista

Clubs and activities are an important part of a student's educational experience and can enhance it in many ways. From connecting with peers and teachers, to providing leadership opportunities, clubs and activities at Buena Vista offer a variety of skill sets and opportunities for camaraderie and fun. We strongly encourage students to try new things as well as get involved in activities that interest them. Students are also welcome to start new clubs with approval from the Activities Director and Principal. The list of clubs and activities will continue to grow as our school grows.

### Clubs and Activities

Art Club  
Bison Buddies  
Black Student Leadership  
Choir, including Show Choir  
Concert and Marching Band, Percussion  
Drama Club  
Educators Rising  
Federation of Christian Athletes (FCA)  
Gay Straight Alliance (GSA)  
Girls who Code  
Health Occupations Students of America (HOSA)  
JROTC Color Guard, Drill Team, Marksmanship  
Latino Leaders  
Music Theater Ensemble  
National Honor Society  
Native Indigenous Centered Education (NICE)  
Newspaper  
Orchestra  
Skills USA  
Student Ambassadors  
Student Council  
Yearbook  
And so much more...

Contact our main office at (531) 299-2900 to get more information or to connect with our Activities Director for a list of active clubs and sponsors.

### Athletics and Athletic Support

Baseball  
Basketball  
Bowling  
Cheer Team  
Cross Country  
Dance Team  
eSports (video gaming)  
Football  
Golf  
Soccer  
Softball  
Swimming  
Tennis  
Track  
Unified Sports  
Volleyball  
Wrestling

Consult our website and social media or contact our main office at (531) 299-2900 to get more information or to connect with our Athletic Director.





## The Buena Vista High School Freshman Academy

**Mission:** The Freshman Academy will introduce and guide students through the transition to high school while focusing on their academic success and foundations for their high school, college, and career goals.

**Academy Focus:** The Freshman Academy will be a cohorted, personalized learning community within our school. Teachers from different subject areas will work together to integrate foundational academic and social emotional skills for students to succeed. Students are grouped together for certain periods of the day, which promotes a family-like atmosphere and results in close student-teacher relationships.

<b>Required Academy Class</b>	<b>Freshman Seminar:</b> This course will encourage students to explore academic and career options. Freshman students will have opportunities to learn study skills, social emotional skills, and build school culture.
<b>Required Core Classes</b>	ELA - English 1-2 or H. English 1-2 HISTORY - U.S. History 1-2 or H. U.S. History 1-2 SCIENCE - Physical Science 1-2 or H. 1-2, Biology 1-2 or H Bio 1-2 MATH – Pre-Algebra 1-2, Algebra 1-2, H. Algebra 3-4, Geometry 1-2, H. Geometry 1-2 Physical Education, JROTC, or Concert Band
<b>Suggested Elective Classes</b>	Band Management Orchestra Chorus JROTC Newspaper World Languages Business Marketing and Drama or Stagecraft Art Foundations, Ceramics & Sculpture, Computer Graphic Arts Journalism, Yearbook, or
<b>Suggested Involvement</b>	<b>Academics:</b> Educators' Rising, HOSA, Drama Club, Vocal Music/Choir, Band, NICE, Orchestra, Student Ambassadors & Bison Buddies <b>Activities:</b> Academic Decathlon, Art Club, Book Club, Latino Leaders, Robotics, Student Council, No Place for Hate, GSA <b>Athletics:</b> Football, Volleyball, Softball, Cross Country, Golf, Tennis, Basketball, Wrestling, Swimming, Baseball, Track, Soccer, Cheer, Dance, Unified Sports

### BUENA VISTA ADVANCED ACADEMICS OFFERINGS

Buena Vista High School offers a range of advanced academic courses, including AP Courses, Cambridge Courses, and Dual Enrolled Courses; to help prepare our students and provide more access to post-secondary opportunities.

LANGUAGE	SOCIAL STUDIES	MATH & SCIENCE	CTE / BMIT CAREER TECH		THE ARTS
CAMBRIDGE GENERAL PAPER DOCUMENTO GENERAL DE CAMBRIDGE (11-12)	AP HUMAN GEO AP GEO HUMANO (10)	AP PRECALCULUS PRECÁLCULO AP Honors Alg 3-4 or higher	AP COMP SCI PRINCIPLES PRINCIPIOS DE CIENCIAS INFORMÁTICAS AP (10-12)	FOUNDATIONS OF HEALTH CARE (S) FUNDAMENTOS DEL CUIDADO DE LA SALUD	AP STUDIO ART ARTE DE ESTUDIO AP 2+ years of upper level art or Teacher recommendation
AP ENGLISH LANG IDIOMA INGLÉS AP (11-12)	CAMBRIDGE PSYCHOLOGY PSICOLOGÍA (10-12)	AP CALCULUS AB CÁLCULO AP AP Precalculus	MECHANICAL ELECTRICAL 1-2 MECÁNICO ELÉCTRICO 1-2 (10-12)	Coming soon	AP STUDIO ART 3D ARTE DE LA MÚSICA AP 2+ years of upper level art or Teacher recommendation
AP ENGLISH LIT LITERATURA INGLÉS AP (12)	CAMBRIDGE GLOBAL PERSPECTIVES PERSPECTIVAS GLOBALES (11-12)	AP STATISTICS ESTADÍSTICAS AP Honors Alg 3-4 or higher	MECHANICAL ELECTRICAL 3-4 MECÁNICO ELÉCTRICO 3-4 (11-12)	Coming soon	AP MUSIC THEORY TEORÍA DE LA MÚSICA AP Students should be able to read music
AP SPANISH LANG IDIOMA ESPAÑOL AP (11-12)	AP US HIST AP HISTORIA DE EE. UU. (10-12)	ANATOMY & PHYSIOLOGY ANATOMÍA Y FISIOLÓGÍA Biology	MECHANICAL ELECTRICAL 5-6 MECÁNICO ELÉCTRICO 5-6 (12)	Coming soon	Coming soon
AP SPANISH LANG LITERATURA ESPAÑOLA AP (11-12)	AP WORLD HIST HISTORIA MUNDIAL AP (11-12)	AP BIOLOGY BIOLOGÍA AP Passed Physical Science & Biology. Ideally passed Chemistry	PERSONAL FINANCE (S) FINANZAS PERSONALES (12)	Coming soon	Coming soon
Coming soon	AP US /COMP GOV GOB COMPARATIVO AP (12)	AP CHEM 1-2 QUÍMICA 1-2 Passed Physical Science & Biology. Ideally passed Chemistry	UNMC HIGH SCHOOL ALLIANCE ALIANZA DE ESCUELAS SECUNDARIAS UNMC	Coming soon	Coming soon

At semesters 3, 5, 7	<b>Academic Letter System</b> (10th, 11th, 12th grade) (not cumulative, not consecutive)	
3.5+ for 3 terms	Academic Letter (physical)	Recognition at ceremony
3.5+ for 5 terms	Pin for Academic Letter (physical)	Recognition at ceremony
3.5+ for 7 terms	Silver Cord for graduation (physical)	Recognition at ceremony
At semesters 1, 3, 5	<b>Individual Semester Honor Roll Recognition</b> - not cumulative, Term GPA	
4.0 and above - <b>Highest Distinction</b>	Certificate (pick up or mail home)	Announcement at school & posters
3.50 - 3.99 - <b>Special Distinction</b>	Certificate (pick up or mail home)	Announcement at school & posters
3.00 - 3.49 - <b>High Achievement</b>	Certificate (pick up or mail home)	Announcement at school & posters
At semester 7	<b>Cum Laude Recognition</b> - Cumulative Weighted GPA at semester 7	
4.0 and above	<b>Summa Cum Laude</b>	
3.50 - 3.99	<b>Magna Cum Laude</b>	
3.00 - 3.49	<b>Cum Laude</b>	





## Buena Vista Course Catalog 25-26

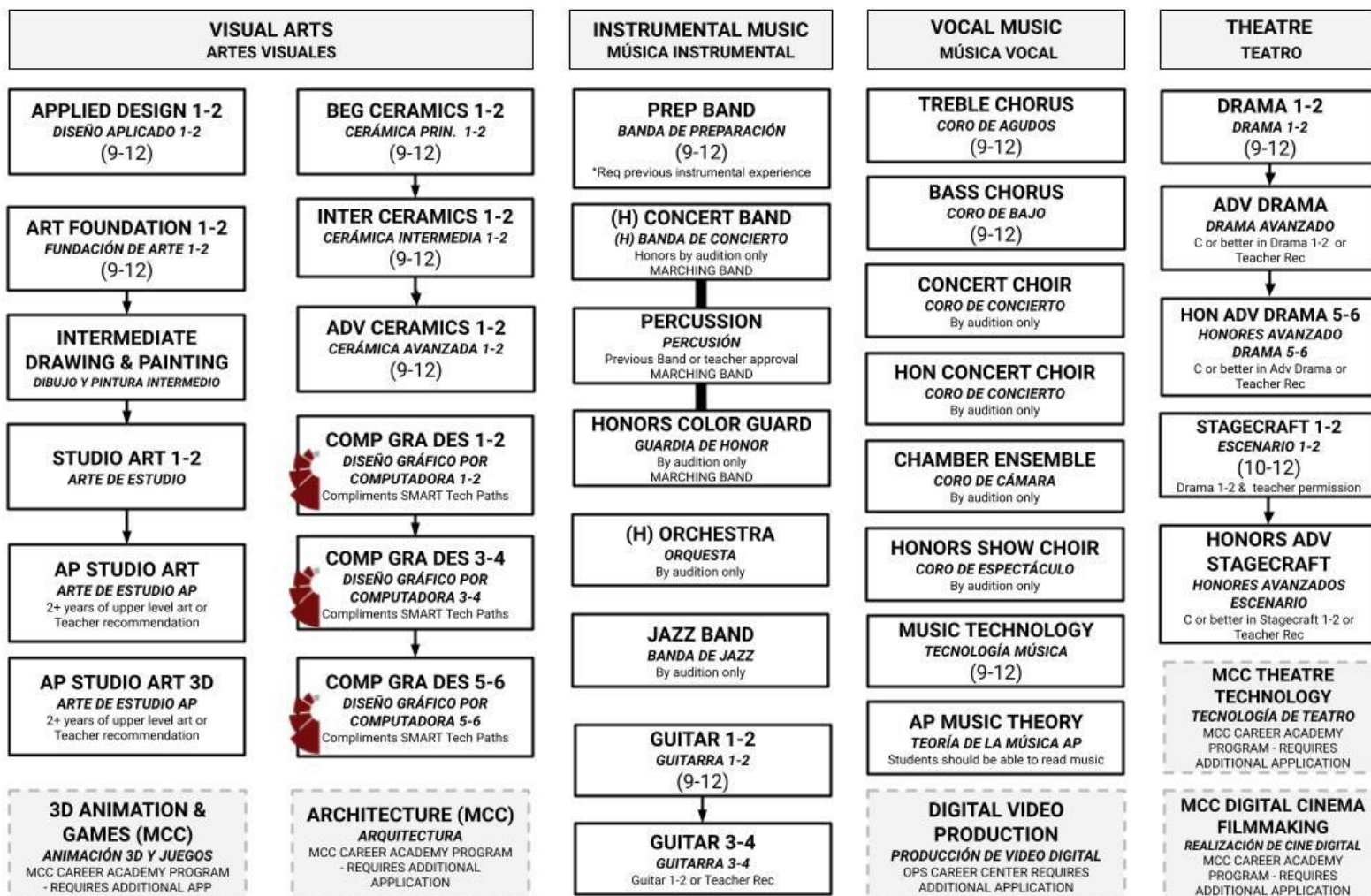


## VISUAL & PERFORMING ARTS / ARTES VISUALES Y ESCÉNICAS

High School Graduation Requirements: These courses count towards elective credits. Students need at least 15 elective credits to graduate.

Many colleges and universities nationwide requires that students take at least one Fine Arts course.

Requisitos de graduación de la escuela secundaria: estos cursos cuentan para créditos optativos. Los estudiantes necesitan al menos 15 créditos optativos para graduarse. Muchos colegios y universidades de todo el país exigen que los estudiantes tomen al menos un curso de Bellas Artes.



**Applied Design 1-2 (9-12)**

Explores design in crafts, with emphasis on function, decoration, cultural context. Students will be introduced to notable crafts movements & styles, & use the critical process to examine their own work, & examples from art history. Emphasis will be on understanding the relationship of form & function in utilitarian & decorative objects; as well as recognizing the effect of advances in technology on craft traditions. Students will be creating objects in a variety of media, demonstrating the use of elements & principles of design & understanding aesthetic theory & the creative process. In addition to art production, students will use a variety of learning strategies including reading, analyzing & responding to develop a deeper understanding of art & craft.

Course ID: 110431/110432

Credits: 1 credit per semester

**Art Foundations 1-2 (9-12)**

Provides students with a solid foundation for drawing and design. Elements of art, principles of design, color theory and composition will be covered. Students will learn art techniques and concepts using a variety of 2D and 3D media to create original works of art. In addition to art production, students will use a variety of learning strategies including reading, analyzing, and interpreting to respond, connect, and develop a deeper understanding of art from a variety of cultures and time periods. This is the second semester of a year-long course. Prerequisites: none

Course ID: 110191 / 110192

Credits: 1 credit per semester

**Intermediate Drawing & Painting 1-2 (10-12)**

Offers an expansion of skills & knowledge of drawing, painting, & design concepts. An emphasis will be on idea generation; artistic investigations in techniques & media; initial development of personal voice & style & the development of a greater awareness of art beyond school. In addition to art production, students will use a variety of learning strategies including reading, analyzing, & interpreting to respond, connect, & develop a deeper understanding of art from a variety of cultures & time periods.

Prerequisites Completion of Art 1-2

Course ID: 110241/110242

Credits: 1 per semester

**Studio Art 1-2 (12)**

Designed for the serious art student who plans to take Advanced Placement Art and/or art courses beyond high school. Students will work to develop technique, skill & personal style. Emphasis will be placed on building a body of work to be included in a portfolio. In addition to art production, students will use a variety of learning strategies including reading, analyzing & responding to develop a deeper understanding of art, aesthetics, art criticism & art history.

Prerequisite: art faculty permission

Course ID: 110451/110452

Credits: 1 per semester

**Beg Ceramics and Sculpture 1-2 (9-12)**

This is a foundation course that emphasizes the art elements and principles of design to produce nonfunctional and functional three-dimensional art forms. This course explores ceramics in terms of form, function, and cultural expression. In addition to art production, students will use a variety of learning strategies including reading, analyzing, and responding to develop a deeper understanding of art. Students will learn and use the critical process to evaluate their own work, as well as examples taken from contemporary and historical clay artists. This is the first semester of a year-long course.

Course ID: 110701 / 110702

Credits: 1 per semester

**Intrmd Ceramics and Sculpture 1-2 (10-12)**

In this course, students will be challenged with more advanced techniques and problems to create three-dimensional forms. Aesthetic issues related to form and function, the inherent expressive qualities of clay, and identifying good artisanship will be an ongoing part of the study. Students will create using methods of hand-building, the potter's wheel, and other sculptural techniques. Students will be exposed to firing techniques, different clay bodies, new glazes or surface treatments, contemporary and historical clay artists. The class will provide opportunities to expand skills; to develop a personal style; to develop creative ideas; to expand one's awareness of art beyond school, and to focus on presentation, exhibitions, scholarship preparation and career planning. This is the first semester of a year-long course. Prerequisites: Beginning Ceramics and Sculpture, Pottery 1-2, or Beginning Ceramics

Course ID: 110711 / 110712

**Adv Ceramics and Sculpture 1-2 (11-12)**

This course is an advanced, more independent course providing students an opportunity to individualize projects, enhancing their style in the medium while further exploring the philosophical and historical aspects of clay art. Students will refine techniques and increase skill levels. Students may explore in greater depth the process of hand-building, the potter's wheel, sculptural techniques, firing techniques, clay bodies, glazes and sculpture techniques. Focus is on creating a series of clay pieces on a chosen theme, researching ceramic history or artists, keeping a pottery journal/sketchbook, becoming current with contemporary ceramic artists and styles, and participating in workshops. This course will continue portfolio work, presentation, exhibitions, scholarship preparation and career planning. At least one student-initiated exhibit in a public forum will be required. This course can be taken concurrently with other art courses. This is the first semester of a year-long course. Prerequisites: Intermediate Ceramics and Sculpture, Pottery 3-4, or Intermediate Ceramics

Course ID: 110751 / 110752

Credits: 1 per semester

**Computer Graphic Design 1-2 (9-12)**

This course is an introduction to computer graphics design. Students will learn the elements & principles of design, in addition to layout skills & other applications of computer technology (flyers, poster & package design, drawing illustration). Students will be given a foundation in the business & commercial applications of computer graphics. Students will complete drawings on & off the computer.

Course ID: 110561/110562

Credits: 1 per semester

**Computer Graphic Design 3-4 (10-12)**

This course is a continuation of student preparation in the field of commercial art & graphic design. Students explore hardware & software used by the industry, building a portfolio of their work. Prerequisite for the course is successful completion of Computer Graphic Design 1-2

Prerequisite: completion of Computer Graphic Design 1-2

Course ID: 110571/110572

Credits: 1 per semester

**Computer Graphic Design 5-6 (11-12)**

This is a third year advanced course in computer graphics with emphasis on individual student projects in commercial art & design. Prerequisite for the course is successful completion of Computer Graphic Design 3-4.

Prerequisite: completion of Computer Graphic Design 3-4.

Course ID: 110581/110582

Credits: 1 per semester

**AP Studio Art (12)**

*See College Board Website for course description*

Prerequisite: Successful completion of with a B or better in two years of upper level art courses or art teacher recommendation.

Course ID: 110391/110392

Credits: 1 credit per semester

**AP Studio Art 3D (12)**

*See College Board Website for course description*

Prerequisites for this course are successful completion with a B or better in two years of upper level art courses or instructor approval. Students who select NOT to participate in the AP exam are expected to take a cumulative, AP comparable, teacher-graded end of course exam.

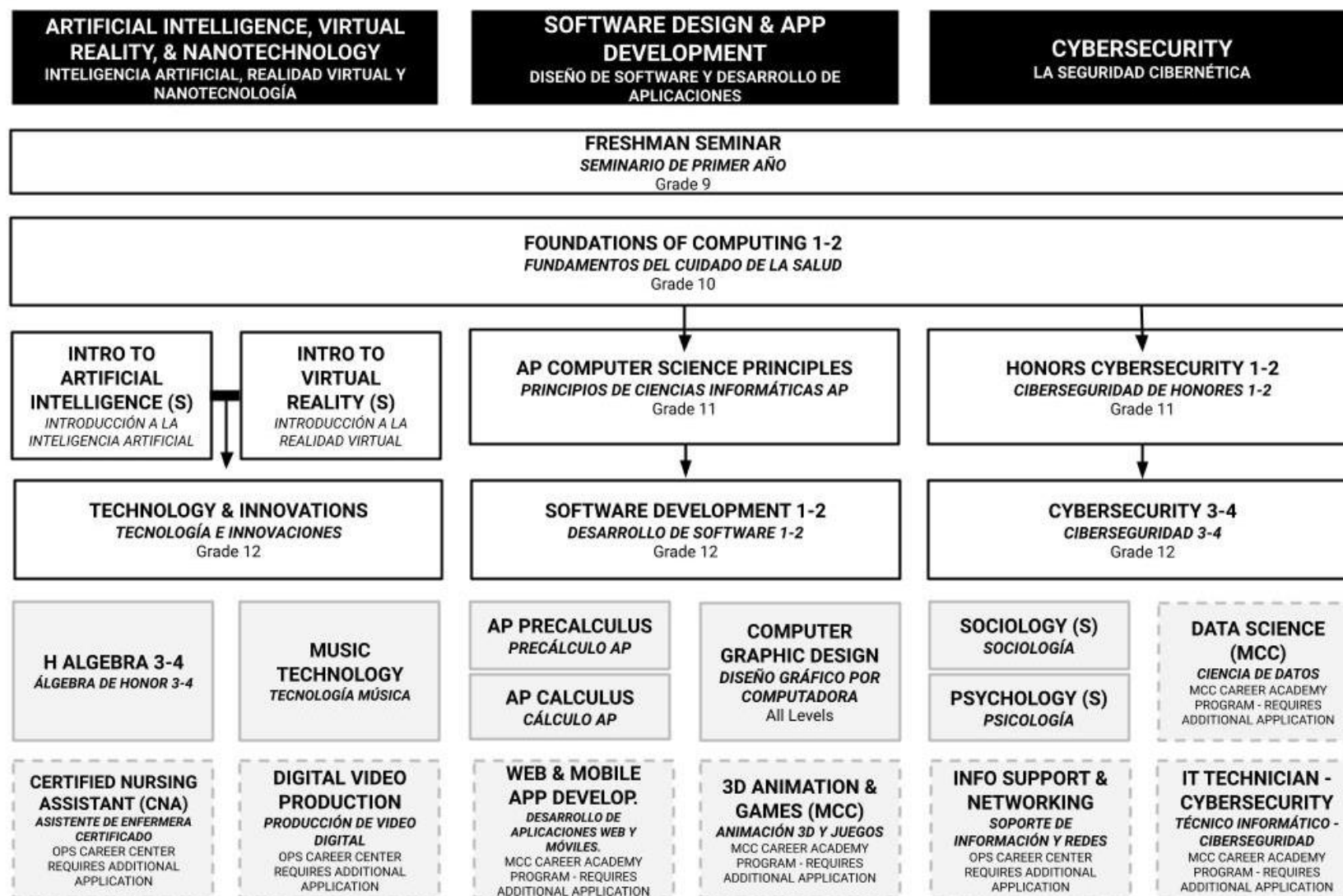
Course ID: 110851 / 110852

Credits: 1 per semester





## Career Pathways



## Foundations of Computing 1-2 (9-12)

*10<sup>th</sup> – AI, VR & Nano Tech; Cybersecurity, & App Development Paths*

Designed to be the first computer science course for students who have never programmed before, Foundations of Computing is a starting point for Computer Science. Students will explore the impact of computing in society & build skills in digital citizenship & cybersecurity. Beyond learning the fundamentals of programming, students build computational-thinking skills by applying computer science to collaboration tools, modeling & simulation, & data analysis.

Course ID: 131421/131422

Credits: 1 per semester

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### Intro: Artificial Intelligence (11)

*11<sup>th</sup> – AI, VR & Nano Tech Pathway*

This introductory course will provide a solid foundation in artificial intelligence (AI) concepts for all fields. Students will be introduced to the pioneers & origins of AI, as well as a timeline & advancements in the artificial intelligence realm. Learning focus will include AI applications, ethics, regulations, & applications for AI in business & industry.

Prerequisites: Foundations of Computing. Must be registered w/ Intro VR  
Course ID: 130201

Credits: 1

### Intro: Virtual Reality (11)

*11<sup>th</sup> – AI, VR & Nano Tech Pathway*

This course is designed to introduce students to the field of virtual reality (VR) & provide students hands-on experience developing applications for modern virtual reality systems. Students learn about the historical development of virtual reality technology, computer graphics & 3D modeling, human-computer interaction relating to VR, modern VR technologies & context & use of VR.

Prerequisites: Foundations of Computing, taken with Intro to AI

Course ID: 130202

Credits: 1

### Technology and Innovations 1-2 (12)

*12<sup>th</sup> – AI, VR & Nano Tech Pathway*

In this course students will examine the impact of innovation on culture, society, and the environment. Focus will include expanding technological literacy through research and investigation of present and future innovations. Students will use creativity, predictive analysis and technology to address real-world problems and respond to workplace challenges. During the course, students will work independently and in teams to think critically, identify problems, and design and test solutions.

Prerequisites: Intro to AI / Intro to VR

Course ID: 130221 / 130222

Credits: 1 per semester

### AP Computer Science Principles 1-2 (11)

*11<sup>th</sup> – Software Design & App. Development Path*

Computer Science Principles introduces students to the foundations of computer science with a focus on how computing powers the world. Along with the fundamentals of computing, you will learn to analyze data, create technology that has a practical impact, & gain a broader understanding how computer science impacts people & society

Prerequisites: Foundations of Computing 1-2

Course ID: 131311/131312

Credits: 1 per semester

### Software Development 1-2 (12)

*12<sup>th</sup> – Software Design & App. Development Path*

Software development is intended as an integrative course in computer science & engineering programs of study. It is a research, design & development course in which students work in groups to design, develop & deploy an original solution to a valid open-ended technical problem by applying a software lifecycle process. The course applies & concurrently develops secondary level knowledge & skills in mathematics, science, technology & other related areas

Prerequisites: AP Computer Science

Course ID: 130361/130362

Credits: 1 per semester

### H Cybersecurity 1-2 (11)

*11<sup>th</sup> – Cybersecurity Path*

Cybersecurity introduces the tools & concepts of cybersecurity & encourages students to create solutions that allow people to share computing resources while protecting privacy. Topics explored include cryptography, software & network vulnerabilities, governance, global impacts, & career fields in information assurance. Students will solve problems by understanding & closing these vulnerabilities. This course raises students' knowledge of & commitment to ethical computing behavior

Prerequisites: Foundations of Computing.

Course ID: 131411/131412

Credits: 1 per semester

### Cybersecurity 3-4 (12)

*12<sup>th</sup> – Cybersecurity Path*

In this course the students will continue to develop & build their cybersecurity skills & knowledge while learning advanced concepts required to recognize & potentially mitigate attacks against devices, computers, 2024-2025 Updated September 2022 5 enterprise networks & mission-critical infrastructure. Students will learn current testing & vulnerability assessment techniques to measure & prevent attacks ranging from basic malware to complex web-based exploits & social engineering tactics that take advantage of people's trust. Students will recognize & evaluate real-world attacks through the use of advanced hacking techniques & methods of defense fortification using virtual labs & cyber ranges. At the same time, students will delve into topics like risk management & incident response & recovery. This course is designed to prepare students for the Certified Ethical Hacker (CEH) and/or the Security+ exam & certification.

Prerequisites: H Cybersecurity 1-2

Course ID: 131721/131722

Credits: 1 per semester



**AUTOMATION & ROBOTICS**  
AUTOMATIZACIÓN Y ROBÓTICA

**MECHATRONICS**  
MECATRÓNICA

**INFORMATION TECHNOLOGY**  
TECNOLOGÍAS DE LA INFORMACIÓN

**FRESHMAN SEMINAR**  
*SEMINARIO DE PRIMER AÑO*  
Grade 9

**INTRODUCTION TO ROBOTICS 1-2**  
*INTRODUCCIÓN A LA ROBÓTICA 1-2*  
Grade 10

**MECHANICAL ELECTRICAL 1-2**  
*MECÁNICO ELÉCTRICO 1-2*  
Grade 10

**IT ESSENTIALS 1-2**  
*ES ESENCIALES 1-2*  
Grade 10

**INDUSTRIAL ROBOTICS 3-4**  
*ROBÓTICA INDUSTRIAL 3-4*  
Grade 11

**MECHANICAL ELECTRICAL 3-4**  
*MECÁNICO ELÉCTRICO 3-4*  
Grade 11

**NETWORK SYSTEMS & SUPPORT 1-2**  
*SISTEMAS DE RED Y SOPORTE 1-2*  
Grade 11

**INDUSTRIAL ROBOTICS 5-6**  
*ROBÓTICA INDUSTRIAL 5-6*  
Grade 12

**MECHANICAL ELECTRICAL 5-6**  
*MECÁNICO ELÉCTRICO 5-6*  
Grade 12

**NETWORK MANAGEMENT & SECURITY 1-2**  
*GESTIÓN DE RED Y SEGURIDAD 1-2*  
Grade 12

**STAGECRAFT 1-2**  
*ESCENARIO 1-2*

**POWERSPORTS & OUTDOOR EQUIP.**  
*DEPORTES DE POTENCIA Y EQUIPO AL AIRE LIBRE*  
MCC CAREER ACADEMY  
REQUIRES ADDITIONAL APP

**ADVANCED MANUFACTURING**  
*FABRICACIÓN AVANZADA*  
MCC CAREER ACADEMY  
REQUIRES ADDITIONAL APP

**ELECTRICAL TECHNOLOGY**  
*TECNOLOGÍA ELÉCTRICA*  
MCC CAREER ACADEMY  
REQUIRES ADDITIONAL APP

**COMPUTER GRAPH DESIGN**  
*DISEÑO GRÁFICO POR COMPUTADORA*

**AP PRECALCULUS**  
*PRECÁLCULO AP*

**H ALGEBRA 3-4**  
*ÁLGEBRA DE HONOR 3-4*

**PHYSICS 1-2**  
*FÍSICA 1-2*

**AP CALCULUS**  
*CÁLCULO AP*

**CONSTRUCTION**  
*CONSTRUCCIÓN*  
OPS CAREER CENTER  
REQUIRES ADDITIONAL APPLICATION

**AUTOMOTIVE TECHNOLOGY**  
*TECNOLOGÍA AUTOMOTRIZ*  
OPS CAREER CENTER  
REQUIRES ADDITIONAL APPLICATION

**AUTO COLLISION REPAIR**  
*REPARACIÓN DE COLISIÓN AUTOMÁTICA*  
OPS CAREER CENTER  
REQUIRES ADDITIONAL APPLICATION

**WELDING**  
*SOLDADURA*  
OPS CAREER CENTER  
REQUIRES ADDITIONAL APPLICATION

**INFO SUPPORT & NETWORKING**  
*SOPORTE DE INFORMACIÓN Y REDES*  
OPS CAREER CENTER  
REQUIRES ADDITIONAL APPLICATION

**IT TECHNICIAN - CYBERSECURITY**  
*TÉCNICO INFORMÁTICO - CIBERSEGURIDAD*  
MCC CAREER ACADEMY  
PROGRAM - REQUIRES ADDITIONAL APPLICATION





### **Intro To Robotics 1-2 (10-12)**

*10 – Robotics Pathway*

*\*Possible Dual Enrollment with MCC*

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

Course ID: 172141 / 172142

Credits: 1 credit per semester

### **Industrial Robotics 3-4 (11-12)**

*11 – Robotics Pathway*

*\*Possible Dual Enrollment with MCC*

Students will thoroughly examine a robotics design problem & implement the best possible solution to the proposed problem. The problem will require students to develop deeper understanding of robotics design & implementation including programming & using robotics arms. Examples would include structural design, weight distribution, drivetrains, pneumatic controls, alternative methods of transferring motion & in-depth precision programming control. Students will be introduced into the fundamentals of Industrial Robots.

Prerequisites: Successful completion of INTRO TO ROBOTICS 1-2

Course ID: 172731 / 172732

Credits: 1 credit per semester

### **Industrial Robotics 5-6 (12)**

*12 – Robotics Pathway*

*\*Possible Dual Enrollment with MCC*

Student will thoroughly examine robotics design problem, develop an original possible solution, and document the stages of the design process. The problem will require student to develop deeper understanding of robotics design, implementation, and problem solving for a specified criterion. This course applies science, technology, engineering, and math (STEM) concepts. Examples would include structural design, weight distribution, drivetrains, pneumatic controls, alternative methods of transferring motion and in-depth precision programming control. Students will learn to program and a Fanuc Robotic arm and its uses.

Prerequisites: Successful completion of INDUSTRIAL ROBOTICS 3-4

Course ID: 172741 / 172742

Credits: 1 credit per semester

### **Mechanical Electrical 1-2 (10-12)**

*10 – Mechatronics Pathway*

*\*Possible Dual Enrollment with MCC*

In this course, learners are introduced to the basic concepts of advanced manufacturing & the many modern technologies used to automate processes. The course uses highly engaging interactive multimedia computer course materials with simulations of the various technologies. The interactive multimedia simulations are combined with hands-on work using automation equipment to provide an immersive experience. Topics include 3D Computer Aided Design (CAD), Robotics programming, CNC programming, electrical control systems, electronic sensors, pneumatics, basic measurement, safety, & materials & processes.

Course ID: 172641 / 172642

Credits: 1 credit per semester

### **Mechanical Electrical 3-4 (11-12)**

*11 – Mechatronics Pathway*

*\*Possible Dual Enrollment with MCC*

In this course, students will learn new skills that build on the technologies covered in the introductory course & combine these technologies into systems. New technology topics will use interactive multimedia computer course materials with simulations & hands-on work with real automation equipment. Students will also work on team projects to design & build working prototype machines that incorporate the various technologies. Topics include: Programmable Logic Controllers (PLCs), Flexible Manufacturing/Robotic Systems, Automation Cells, Materials Engineering, Mechanical Systems, Machining, Concepts of Quality, CAD, Print Reading, Electrical Controls, & Safety.

Prerequisites: Successful completion of MECHANICAL ELECTRICAL 1-2

Course ID: 172651 / 172652

Credits: 1 per semester

### **Mechanical Electrical 5-6 (11-12)**

*12 – Mechatronics Pathway*

*\*Possible Dual Enrollment with MCC*

In this course, students will learn new skills that build on the technologies covered in the MECHANICAL ELECTRICAL 1-2 & 3-4 courses & combine these technologies into systems. New technology topics will use interactive multimedia computer course materials with simulations & hands-on work with real automation equipment. Learners will also work on team projects to design & build working prototype machines that incorporate the various technologies. Topics include: Mechatronics Systems, Lean Manufacturing, Hydraulics, CAD/CAM, Materials Engineering, Plastics Injection Molding, Mold Design, & Welding Concepts.

Prerequisites: Successful completion of MECHANICAL ELECTRICAL 3-4

Course ID: 172661 / 172662

Credits: 1 per semester

### **IT Essentials 1-2 (10-12)**

*10<sup>th</sup> – Informational Technology Path*

This course covers the fundamentals of computer & mobile device hardware & software, & advanced concepts such as security, networking, & the responsibilities of an IT professional. Students who complete this course will be able to describe the internal components of a computer, assemble a computer system, install operating systems, & troubleshoot them using software tools & diagnostics. Students will also be able to connect to the Internet & share resources in a networked environment. Other topics covered include scripting basics, remote access technologies, IoT devices & documentation. Virtualization, cloud computing & security are also discussed.

Course ID: 130101 / 130102

Credits: 1 per semester

### **Network Systems & Support 1-2 (11)**

*11<sup>th</sup> – Informational Technology Path*

Students will apply a variety of fundamental skills utilized in entry-level computer network systems administration positions. Exposure to various aspects of network hardware & software maintenance & monitoring, introduction to configuring & supporting a local area network (LAN) & a wide area network (WAN), Internet systems & segments of network systems. Students develop knowledge base for networking systems & support. Students will design, implement, upgrade, manage, & work with existing networks & network technologies.

Prerequisites: IT Essentials 1-2

Course ID: 130151/130152

Credits: 1 per semester

### **Network Management & Security 1-2 (12)**

*12<sup>th</sup> – Informational Technology Path*

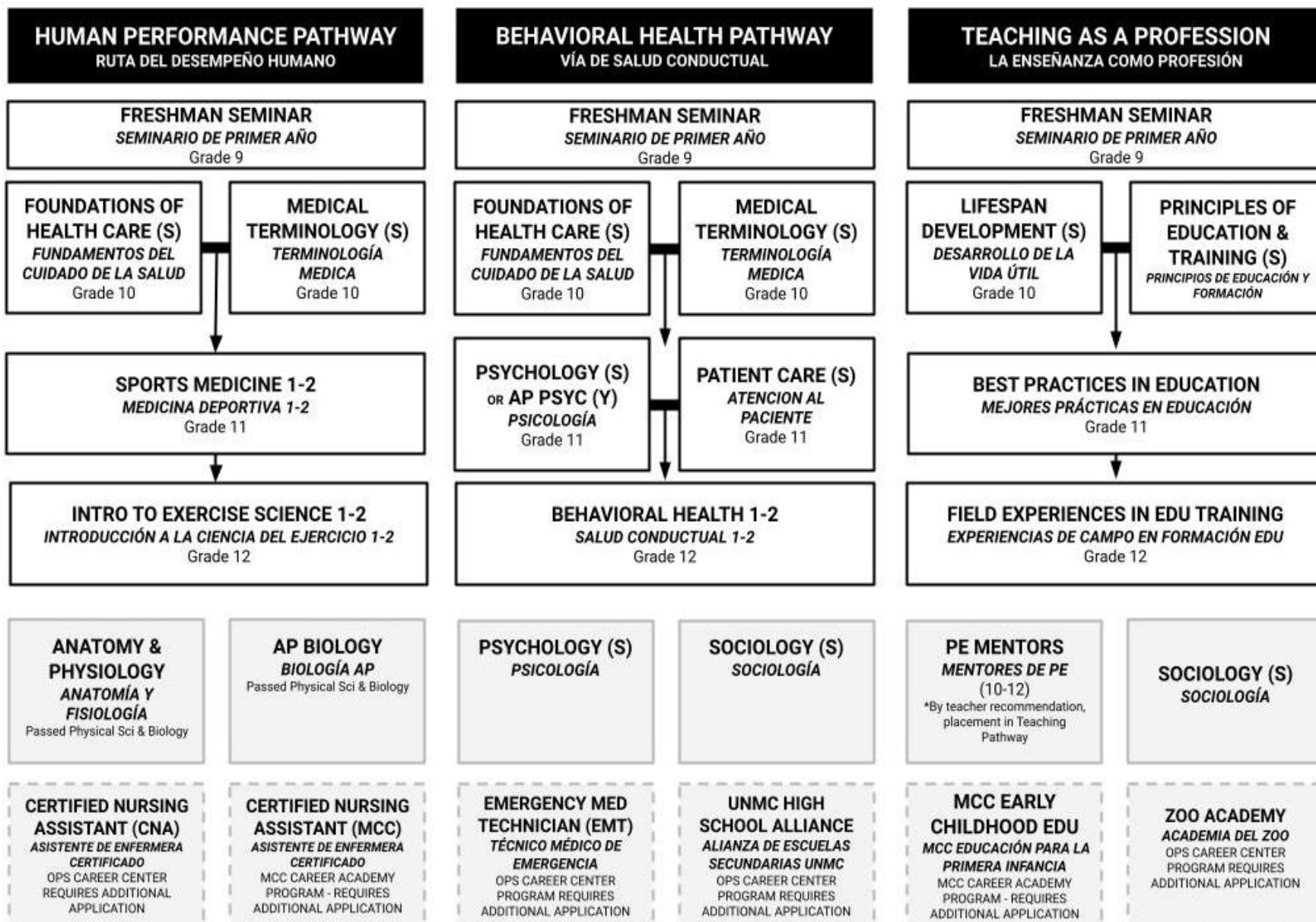
In this course students will learn & experience network administrator duties including installing & configuring network hardware, software, & peripherals. Abiding by IEEE standards & the Open Source Interconnection (OSI) model, students will create advanced networks, assign user rights, & develop knowledge & skills of network hierarchy. Students will demonstrate mastery of topologies, remote connectivity, wireless networking, TCP/IP, network security, & network troubleshooting.

Prerequisites: Network Systems & Support 1-2

Course ID: 130161/130162

Credits: 1 per semester





## **Foundations of Health Care (10-12)**

### *10 – Behavior Health & Human Performance Paths*

This course is designed to introduce students to career opportunities & related skills in the Health Science career field. Students will explore topics related to; health informatics, biotechnology research, therapeutic certificated services, behavioral health, life span performance & allied/public health. This course also focuses on cost & educational requirements of health science professions, ethical & legal responsibilities, the history & economics of health care.

Prerequisite: *Students must also take INTRO TO MEDICAL TERMINOLOGY.*

Course ID: 074061

Credits: 1

## **Intro to Medical Terminology (10-12)**

### *10 – Behavior Health & Human Performance Paths*

This course is designed to help students learn medical language by analyzing their components. The primary focus is on developing both oral & written skills in the language used to communicate within health care professions.

Prerequisite: *Students must also take 074061 FOUND. OF HEALTH CARE*

Course ID: 070611

Credits: 1

## **H Sports Medicine 1-2 (11)**

### *11 – Human Performance Path*

This course is designed for students who may be interested in a career in Sports Medicine. This course should feature the prevention, recognition, treatment, and rehabilitation of activities caused by physical activity or athletics. Topics may include taping and bandaging, proper use of protective padding, treatment modalities, anatomy and physiology, medical terminology. Students may learn to measure cardio respiratory endurance, flexibility, body composition, and blood pressure. CPR/AED certification is a prerequisite for this course or a required outcome of the course.

Course ID: 074491 / 074492

Credits: 1

## **Intro to Exercise Science 1-2 (12)**

### *12 – Human Performance Path*

This course will give students a basic understanding of career opportunities within the field of exercise science. Students will gain knowledge of body systems, nutrition, life-long fitness and the impact of disease and injury on quality of life.

Course ID: 074241 / 074242

Credits: 1

## **Psychology (11)**

### *11 – Behavioral Health Path*

\* see social studies listing for Psychology or Cambridge Psychology

## **Patient Care (11)**

### *11 – Behavioral Health Path*

In this course students learn the legal & ethical principles needed to function within the scope of practice in healthcare. Emphasis is placed on the synthesis of information gathered through health history, observation, & the detection of deviations & variations from normal physical characteristics. Students will apply skills to assist individuals in meeting basic human needs. Students learn interventions to implement to follow an assistant plan of care. Students will understand the importance of collection of patient's vital signs including temperature, pulse rate, respiration rate, & blood pressure. Additionally, students will learn observation techniques regarding patients' physical, mental, & emotional conditions & procedures to document change.

Prerequisites: Foundations of Healthcare

Course ID: 074581

Credits: 1

## **Behavioral Health 1-2 (12)**

### *12 – Behavioral Health Path*

This course establishes a foundation that is necessary to understand Behavioral Health & investigate careers in the field of Health Sciences. Course emphasis is placed on teaching students to successfully investigate Behavioral Health; education preparation, workforce structure & acquire awareness & knowledge of this career area.

Prerequisites: Successful completion of Patient Care & Psychology.

Course ID: 074321/074322

Credits: 1 per semester

## **Lifespan Development (10-12)**

### *10 – Teaching as a Profession Path*

This course explores the physical, emotional, social, & intellectual development of individuals across the lifespan. External impacts on development, including family structure & practices, social & technological forces, & resources available to individuals & their outcomes will be explored.

Prerequisites: *Classroom, laboratory, & educational leadership activities are supplemented through Educators Rising.* Students must also take 141171 Principles of Education & Training.

Course ID: 141161

Credits: 1 credit

## **Principles of Education & Training (10-12)**

### *10 – Teaching as a Profession Path*

\*Dual Enrolled

This course is designed to introduce students to career opportunities & related skills in the Education & Training career field, including teaching & professional educational training. Students will explore topics related to the foundation & history of education, the philosophy of education, roles of educators, instructional & assessment methods, diversity of cultures &

communities related to educational settings, learner development, & professional development. Classroom, laboratory, & educational leadership activities are supplemented through Nebraska Educators Rising, a career & technical student organization. This course can be dual enrolled through UNO, based on teacher HLC guideline credentials, for TED 1010 for 3 credits.

Students must also take 141161 Lifespan Development.

Course ID: 141171

Credits: 1 credit

## **Best Practices in Education 1-2 (11-12)**

### *11 – Teaching as a Profession Path*

This course is a continuation of the Teaching as a Profession pathway & is the third course in a four-course sequence. Students will further engage in topics related to instructional & assessment methods, including differentiation of instruction. Students will also develop active listening skills necessary for educators & demonstrate positive feedback techniques. Students will gain skills related to planning for instruction, which will be utilized in the field experience (the fourth course in this sequence). Classroom, laboratory, & educational leadership activities are supplemented through Nebraska Educators Rising, a career & technical student organization. Students will need to complete & pass a background check in order to go into classrooms for the 25 hours of field observation & practicum experiences.

Prerequisites: Lifespan Development & Principles of Education & Training.

Course ID: 141181 / 141182

Credits: 1 per semester

## **Field Experiences in Education Training 1-2 (12)**

### *12 – Teaching as a Profession Path*

This course is a continuation of the Best Practices in Education & Training course & is the fourth course in a four-course sequence. Through this capstone experience, students will apply previously developed knowledge & skills into a structured workplace experience. Students will need to complete & pass a background check in order to go into classrooms for the 90 hours of field observation & practicum experiences. This volunteer experience may take place within a school environment for those seeking teaching careers, or within the business & industry community for those seeking careers in professional educational training. Goals are set cooperatively by students, their instructor, & respective supervising professionals. Opportunities may include experience teaching in a controlled setting by designing learning experiences & facilitating presentations. Students will focus on improving their instructional strategies through coaching from their teacher & supervising professionals. Classroom, laboratory, & educational leadership activities are supplemented through Nebraska Educators Rising, a career & technical student organization.

Prerequisites: Best Practices in Education. Lifespan Development & Principles of Education & Training.

Course ID: 141191 / 141192

Credits: 1 credit per semester





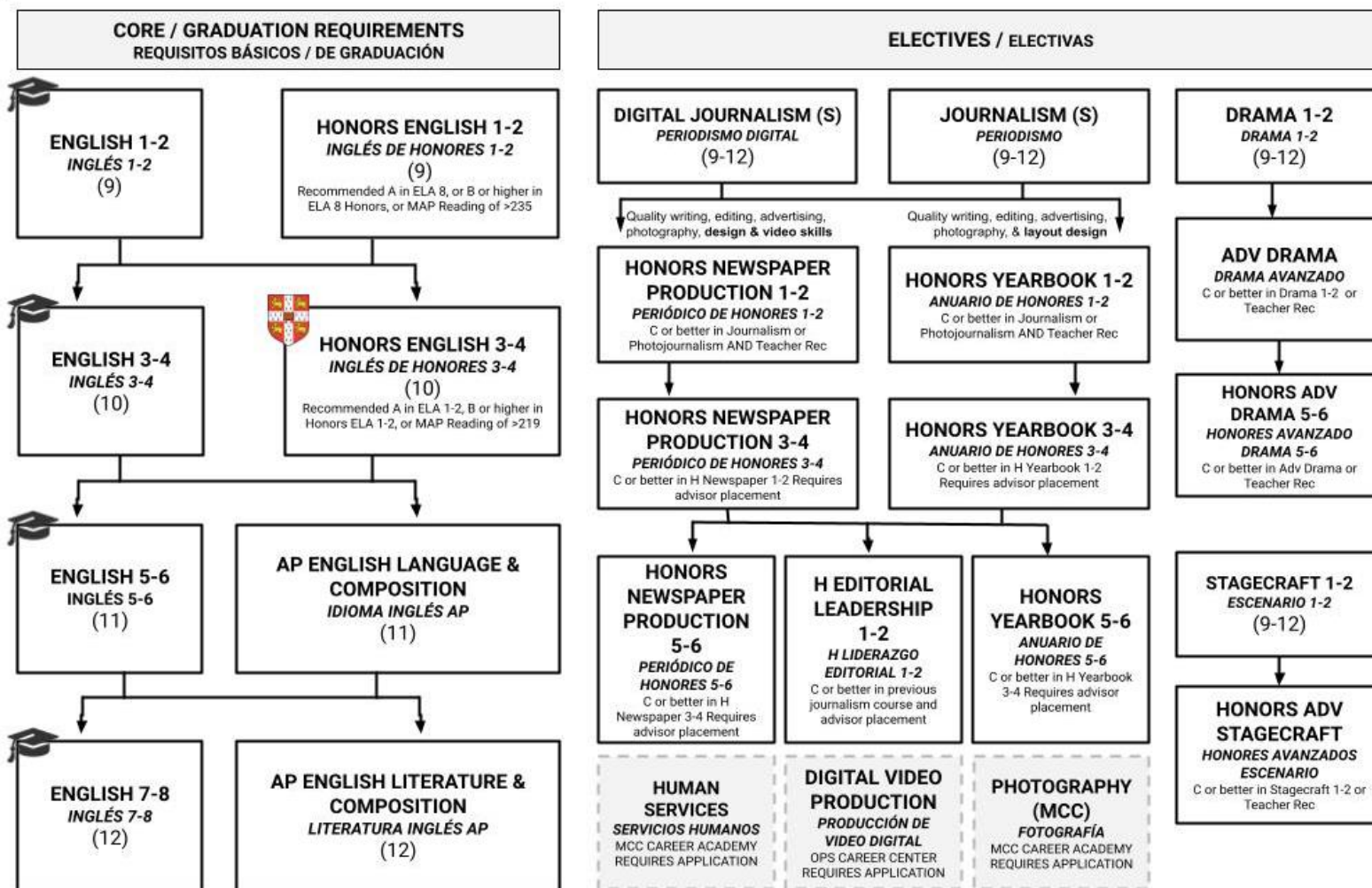
# ENGLISH / LANGUAGE ARTS / ARTES DEL LENGUAJE INGLÉS

High School Graduation ELA Requirements: Must pass 4 years of High School English courses

Minimum College Eligibility ELA Requirement for Most 4 year Colleges: Must pass 4 years of College Prep English courses

Requisitos de ELA para la graduación de la escuela secundaria: Debe aprobar 4 años de cursos de inglés de la escuela secundaria

Elegibilidad mínima para la universidad Requisito de ELA para la mayoría de las universidades de 4 años: Debe aprobar 4 años de cursos de inglés de preparación universitaria



### Literacy Skills (9)

Students in this course will improve reading proficiency with explicit, direct instruction in fluency, vocabulary, & comprehension. Strategies for phonemic awareness & phonics will be taught as needed. Students will read leveled, high interest literature for both academic & recreational purposes.

Course ID: 011181/01182

Credits: 1 per semester

### Academic Literacy (9)

This course helps students develop skills & knowledge to improve their engagement, fluency, & comprehension of content-area materials & texts. Students will learn to understand & regulate their own reading processes while developing strategies for overcoming reading obstacles.

Course ID: 011011/011012

Credits: 1 per semester

### English 1-2 (9)

This course focuses on the language arts skills of reading, writing, speaking & listening. Students will use a variety of unique conceptual lenses (choices & consequences, heroes, life experiences & relationships, identity) to gain command of essential skills in written & oral communication & the reading of narrative & informational text. Students will produce a variety of writing samples in the following modes: descriptive, narrative, analytical, expository, persuasive, argumentative, & technical.

Course ID: 010341 / 010342

Credits: 1 per semester

### Honors English 1-2 (9)

This course provides a more rigorous & intensive study of the language arts skills of reading, writing, speaking & listening as described in English 1-2. Students will read a variety of narrative & informational texts & produce writing pieces in the following modes: descriptive, narrative, analytical, expository, persuasive, argumentative & technical. Additional course work is required above & beyond the regular English 1-2 course. Recommended A in ELA 8, or B or higher in ELA 8 Honors, or MAP Reading of >235

Course ID: 010351 / 010352

Credits: 1 per semester

### English 3-4 (10)

This course focuses on the language arts skills of reading, writing, speaking & listening. Students will use a variety of unique conceptual lenses (relationships, culture, responsibility, integrity & honor) to gain command of essential skills in written & oral communication & the reading of narrative & informational text. Students will produce a variety of writing samples in the following modes: descriptive, narrative, analytical, expository, persuasive, argumentative, & technical.

Course ID: 010411/010412

Credits: 1 per semester

### Honors English 3-4 (10)

*\*Correlated with Cambridge course for Cambridge AICE Diploma*

This course provides a more rigorous & intensive study of the language arts skills of reading, writing, speaking & listening as described in English 3-4. Students will read a variety of narrative & informational texts & produce writing pieces in the following modes: descriptive, narrative, analytical, expository, persuasive, argumentative, & technical. Additional course work is required above & beyond the regular English 1-2 course. Recommended A in ELA 1-2, B or higher in Honors ELA 1-2, or MAP Reading of >219

Course ID: 10421/10422

Credits: 1 per semester

### English 5-6 (11)

English 5-6 focuses on the EL Arts skills of reading, writing, speaking & listening through a study of American literature. Students will use a variety of conceptual lenses to gain command of essential skills in written & oral communication & the reading of narrative & informational text. Students will produce a variety of writing samples in the following modes: descriptive, narrative, analytical, expository, persuasive, argumentative, & technical.

Course ID: 010471/010472

Credits: 1 per semester

### AP English Language & Composition (11)

*\*Possible Dual Enrollment*

Advanced Placement Language & Composition is an Advanced Placement course designed to engage students in the careful reading & critical analysis of primarily non-fiction works, but it also includes American literature & poetry. Through close reading & use of other AP learning strategies, students deepen their understanding of the ways writers use language to provide both meaning & pleasure for their readers. This course follows the College Board curriculum & involves extensive reading & writing. Advanced educational credit may be available for students who successfully pass the AP Exam. Dual enrollment options may be available. Students who select NOT to participate in the AP exam are expected to take a cumulative, AP comparable, teacher-graded end of course exam.

Course ID: 011911/011912

Credits: 1 per semester

### English 7-8 (12)

English 7-8 focuses on the EL Arts skills of reading, writing, speaking & listening through a study of British & global literature. Students will use a variety of conceptual lenses to gain command of essential skills in written & oral communication & the reading of narrative & informational text. Students will produce a variety of writing samples in the following modes: descriptive, narrative, analytical, expository, persuasive, argumentative, & technical.

Course ID: 010531 / 010532

Credits: 1 per semester

### AP English Literature & Composition (12)

*\*Possible Dual Enrollment*

Advanced Placement English Literature & Composition is an Advanced Placement course that engages students in the critical analysis of selected texts from ancient Greece to the contemporary world. Students continue to practice close reading techniques, build their vocabularies & comfort with the language of literary analysis, & approach texts independently with increasing sophistication & critical thinking. This course follows the College Board curriculum & involves extensive reading & writing. Advanced educational credit may be available for students who successfully pass the AP Exam. Dual enrollment options may be available. Students who select NOT to participate in the AP exam are expected to take a cumulative, AP comparable, teacher-graded end of course exam.

Course ID: 011901 / 011902

Credits: 1 per semester

### Journalism 1 (9-12)

*\*Often taken with Photojournalism*

This course introduces students to the entire field of journalism. Students will learn law & ethics; various modes of journalistic writing, reporting, & interviewing; & newspaper/ yearbook layout & design. They will also learn basics of photography, digital citizenship, & online media. Students are expected to work individually & collaboratively. It prepares students for any of the honors publication classes such as yearbook, newspaper, & digital journalism.

Course ID: 020411

Credits: 1 (semester long course)

### Digital Journalism (9-12)

*\*Often taken with Journalism 1*

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

Course ID: 020451

Credits: 1 (semester long course)



### **Honors Newspaper Production 1-2 (10-12)**

Students enrolled in this course are responsible for the production of the online and print school newspaper and student journalism social media. Students work individually and collaboratively on their assignments. Quality writing, editing, advertising, photography, design and video skills are required.

Prerequisites: Successful completion of a "C" or higher in either Journalism 1 and/or Photojournalism 1. \*It also requires Journalism Advisor permission.

Course ID: 021221/021222

Credits: 1 per semester

### **Honors Newspaper Production 3-4 (11-12)**

Students enrolled in this course are responsible for the production of the online and print school newspaper and student journalism social media. Students work individually and collaboratively on their assignments. Quality writing, editing, advertising, photography, design, and video skills are required. Students will assume additional responsibilities and assignments. This course is for second year second year journalism students.

Prerequisites: Successful completion of a "C" or higher in Honors News Production 1-2 AND requires Journalism Advisor permission.

Course ID: 021241/ 021242

Credits: 1 per semester

### **Honors Newspaper Production 5-6 (12)**

Students enrolled in this course are responsible for the production of the online and print school newspaper and student journalism social media. Students work individually and collaboratively on their assignments. Quality writing, editing, advertising, photography, design, and video skills are required. Students will assume additional responsibilities and assignments. This course is for second/third year journalism students.

Prerequisites: Successful completion of a "C" or higher in Honors News Production 3-4 AND requires Journalism Advisor permission.

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

Course ID: 021251/021252

Credits: 1 per semester

### **H Editorial Leadership (11-12)**

**Students enrolled in this class must also be enrolled concurrently in H Yearbook 3-4, or H News Production 3-4, or higher.** The purpose of this class is to build the leadership skills of journalists who are promoted into editorial management positions. It will also establish ongoing training, coaching, and support as well as create mutually supportive cohorts for the leaders. Prerequisites: Successful completion of a "C" or higher in previous Honors Yearbook, Honors Newspaper, or Honors Digital Journalism AND requires Journalism Advisor permission. Exceptions may be made for H Yearbook 1-2, H Newspaper 1-2, and H Digital Journalism 3-4 students who have been moved to an editorial leadership position.

Course ID: 021281/021282

Credits: 1 per semester

### **Honors Yearbook 1-2 (10-12)**

Students enrolled in this course are responsible for the production of the school yearbook. Students work individually & collaboratively on their assignments. Quality writing, editing, advertising, photography, & layout design skills are required.

Prerequisites: Successful completion of a "C" or higher in either Journalism or Photojournalism or journalism advisor recommendation.

Course ID: 021231/021232

Credits: 1 per semester

### **Honors Yearbook 3-4 (11-12)**

Students enrolled in this course are responsible for the production of the school yearbook. Students work individually & collaboratively on their assignments. Quality writing, editing, advertising, photography, & layout design skills are required. Students will assume additional responsibilities & assignments. This course is for second year yearbook students.

Prerequisites: Successful completion of a "C" or higher in Honors Yearbook 1-2 and journalism advisor recommendation.

Course ID: 021331/021332

Credits: 1 per semester

### **Honors Yearbook 5-6 (12)**

Students enrolled in this course are responsible for the production of the school yearbook. Students work individually & collaboratively on their assignments. Quality writing, editing, advertising, photography, & layout design skills are required. Students will assume additional responsibilities & assignments. This course is for second year yearbook students.

Prerequisites: Successful completion of a "C" or higher in Honors Yearbook 3-4 and journalism advisor recommendation.

Course ID: 021431 / 021432

Credits: 1 per semester

### **Speech 1-2 (11-12)**

Speech focuses on acquainting students with the communication process & on developing & improving students' public speaking skills & their oral interpretation skills. Instruction focuses on the teaching of the fundamentals of speech & requires students to perform various speaking activities. Speech 2 focuses on acquainting students with the communication process & on developing & improving students' public speaking skills & their oral interpretation skills. Instruction focuses on the teaching of the fundamentals of speech & requires students to perform various speaking activities.

Course ID: 020511/020512

Credits: 1 Per semester







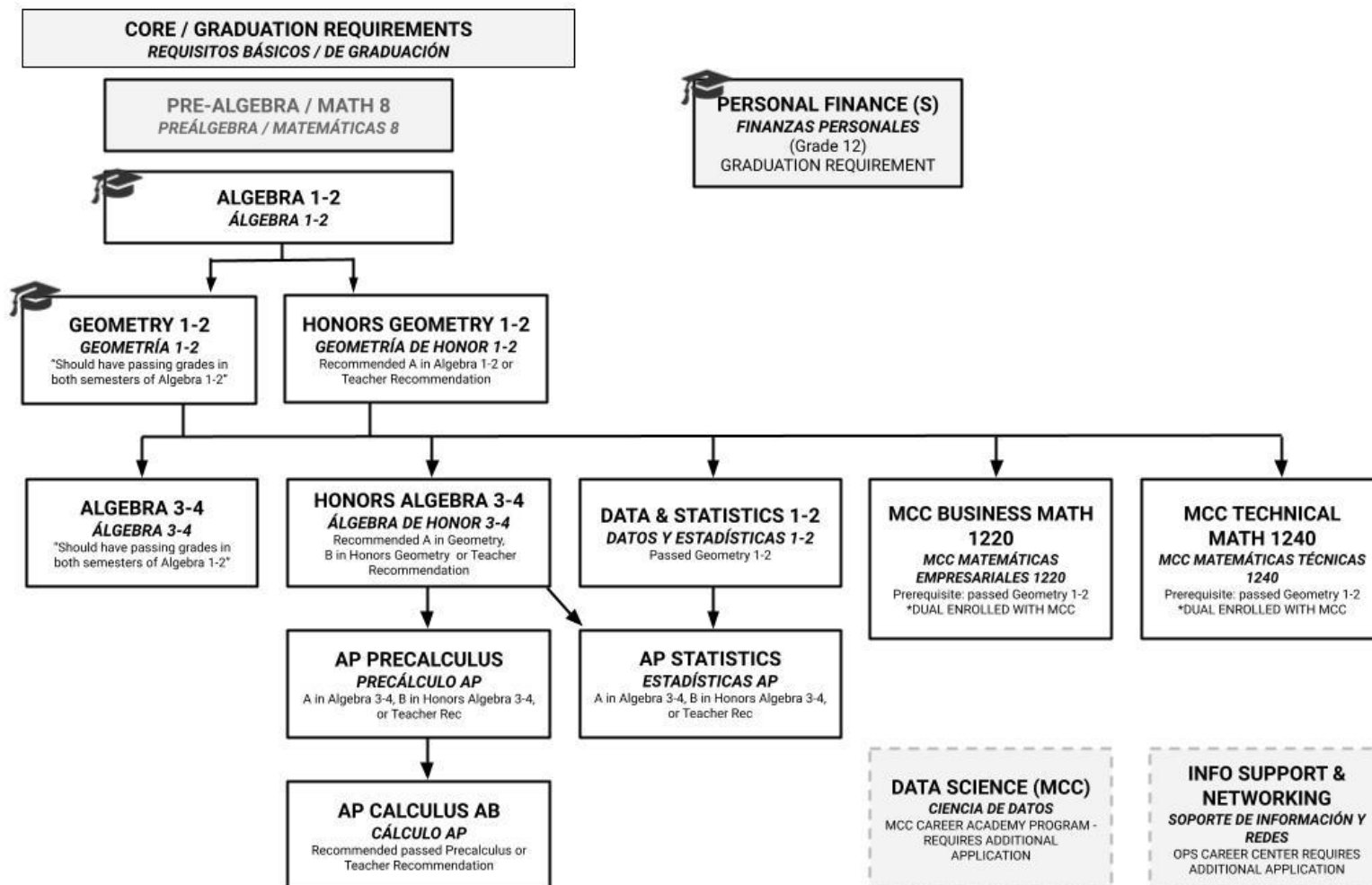
# Mathematics

## MATHEMATICS / MATEMÁTICAS

High School Graduation MATH Requirements: Must pass 3 years of High School Math courses

Minimum College Eligibility MATH Requirement for Most 4 year Colleges: Algebra 1-2, Geometry 1-2, Algebra 3-4 (in some cases and additional course beyond Algebra 3-4 is required (ex: UNL).

Requisitos de MATEMÁTICAS para la graduación de la escuela secundaria: Debe aprobar 3 años de cursos de Matemáticas de la escuela secundaria. Requisito mínimo de elegibilidad universitaria en MATEMÁTICAS para la mayoría de las universidades de 4 años: Álgebra 1-2, Geometría 1-2, Álgebra 3-4 (en algunos casos se requiere un curso adicional más allá de Álgebra 3-4 (por ejemplo, UNL).



### **Pre-Algebra 1-2 (9-12)**

Designed to bridge the similarities of arithmetic & algebra. This course will contain spiraling reinforcement of basic algebraic concepts & topics in order to prepare students for successful placement in Algebra 1-2. This course will cover the content standards for pre-algebra, including operations on real numbers, conversions among fractions, decimals, & percentages, solving linear equations & inequalities, graphing linear equations, working with polynomials, & using measures of central tendency to interpret data.

Course ID: 040161/040162

Credits: 1 per semester

### **Algebra 1-2 (9-12)**

First-year algebra survey; covers traditional algebra topics including a study of the four basic operations dealing with signed numbers & polynomials, solution of first- & second-degree equations, verbal problems, systems of linear equations, graphing & writing linear equations & inequalities, & simplifying exponential expressions.

Course ID: 040271/040272

Credits: 1 per semester

### **Geometry 1-2 (9-12)**

This course is a complete study of geometry. Topics include congruence & similarity of figures, parallelism & perpendicularity, right triangle relationships, formal & informal proof, coordinate geometry, properties of polygons & circles, & perimeter, area, & volume of two- & three-dimensional figures.

Prerequisite: Students enrolling in Geometry 1-2 should have passing grades in both semesters of Algebra 1-2.

Course ID: 040351/040352

Credits: 1 per semester

### **Honors Geometry 1-2 (9-10)**

This course is the honors section of Geometry 1-2. Topics include congruence & similarity of figures, parallelism & perpendicularity, right triangle relationships, formal & informal proof, coordinate geometry, properties of polygons & circles, & perimeter, area, & volume of two- & three-dimensional figures. As an honors class, each topic will be covered in greater depth & with enrichment.

Prerequisite: Should have proficient or advanced grades in both semesters of Honors Algebra 1-2, or advanced grades both semesters of Algebra 1-2 & teacher recommendation.

Course ID: 040361/040362

Credits: 1 per semester

### **Algebra 3-4 (9-12)**

This course covers the topics of a traditional second-year algebra course. Content includes solving polynomial equations as well as linear, absolute value, & quadratic equations & inequalities, & working with exponents & logarithms, complex numbers, systems of equations & inequalities, & simple probability. Appropriate tech will be used to assist in instruction & learning.

Prerequisite: Students enrolling in this course will have successfully completed both semesters of Algebra 1-2 with passing grades.

Course ID: 040291/040292

Credits: 1 per semester

### **Honors Algebra 3-4 (9-12)**

The Algebra 3-4 topics & concepts will be covered in more depth, & additional content is present as well. This course covers the topics of a traditional second-year algebra course; includes solving polynomial equations as well as linear, absolute value, & quadratic equations & inequalities, & working with exponents & logarithms, complex numbers, systems of equations & inequalities, matrix algebra & matrix solutions to systems of equations, series & sequences, & compound probability.

Prerequisite: Any one of the following\*: 1.) Grade of "A" in Geometry 1 & 2. 2.) Grade of "B" or higher in Honors Geometry 1 & 2. 3.) Teacher recommendation.

Course ID: 040301/040302

Credits: 1 per semester

### **Data & Statistics 1-2 (10-12)**

This course is designed to equip students with the mathematical, statistical, & computational skills necessary to explore life situations. Students will engage with data & statistics in order to be able to determine correlations, make sound predictions, & develop conclusions.

Prerequisites: Geometry 1-2

Course ID: 049601/049602

Credits: 1 per semester

### **AP Statistics 1-2 (10-12)**

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

Prerequisites: Guidance: Grade of "A" in Algebra 3-4, Grade of "B" or higher in Honors Algebra 3-4, teacher recommendation.

Course ID: 040841/040842

Credits: 1 per semester

### **AP Precalculus 1-2 (10-12)**

AP Precalculus provides students with an understanding of the concepts of college algebra, trigonometry, & additional topics that prepare students for further college-level mathematics courses. This course explores a variety of function types & their applications— polynomial, rational, exponential, logarithmic, trigonometric, polar parametric, vector-valued, implicitly defined, & linear transformation functions using matrices.

Guidance Grade of "A" in Algebra 3-4, or Grade of "B" or higher in Honors Algebra 3-4 or teacher recommendation

Course ID: 040801/040802

Credits: 1 per semester

### **AP Calculus AB 1-2 (11-12)**

This course follows the College Board's Advanced Placement syllabus for Calculus AB, which stresses the concept of limit & introduces the student to differential & integral calculus, including both theorems & techniques. Students who select NOT to participate in the AP exam are expected to take a cumulative, AP comparable, teacher-graded end of course exam.

Prerequisites: Students enrolling in this course should have proficient or advanced grades in both semesters of Honors Pre-calculus/Trigonometry 1-2, or teacher recommendation

Course ID: 040451/040452

Credits: 1 per semester

### **MCC Business Math 1220 & MCC Technical Math 1240 (11-12)**

#### *\*Dual Enrolled Courses*

This course is directed toward the development & application of the mathematics skills needed to solve problems related to business occupations. Topics include percentages, checking accounts & services, payroll, payroll taxes, cash & trade discounts, property & sales taxes, simple & compound interest, installment purchases, loan payment plans, & annuities. Instruction & assessments are delivered electronically with the support of a classroom teacher. This course has a dual enrollment component that satisfies the math requirement for many MCC associate degree programs. This is a year-long course.

Prerequisites: D or higher in Geometry 1-2

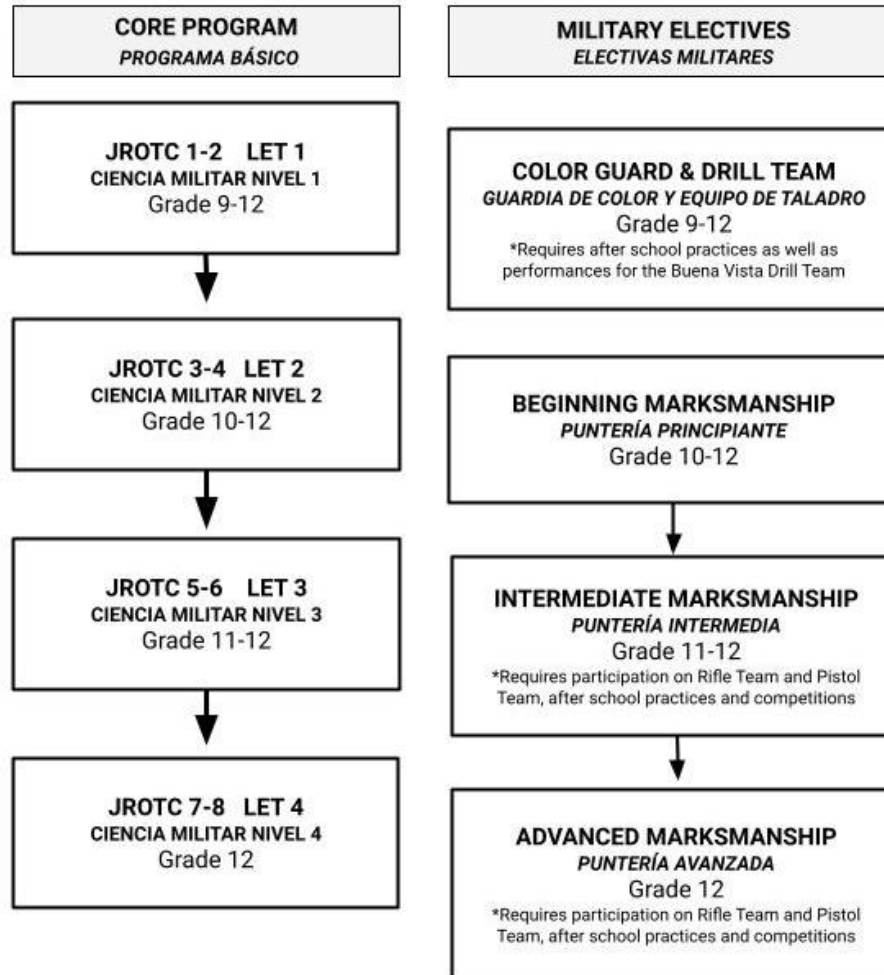
Business 1220 Course ID: 049501/049502

Technical 1240 Course ID: 049511/049512

Credits: 1 per semester



## Military Science / JROTC



The U.S. Army Junior Reserve Officers' Training Corps (JROTC) is one of the largest character development and citizenship programs for youth in the world. The National Defense Act of 1916 established organized JROTC programs at public and private educational institutions. In 1964, Congress expanded the program to all military services and changed from active duty to shared support from the services and schools. As congressionally mandated by Title 10 United States Code, Section 2031, each military service must have a JROTC program to "instill in students in United States secondary educational institutions the values of citizenship, service to the United States, and personal responsibility and a sense of accomplishment." JROTC's mission, "To Motivate Young People to be Better Citizens", is the guide post for the program's success.

The U.S. Army's JROTC program currently operates in more than 1,700 public and private high schools, military institutions, and correctional centers throughout the United States and overseas. The JROTC faculty is led by nearly 4,000 instructors who are retired from active duty, reserve duty, or National Guard Army service. Instructors are trained and qualified in accordance with the National Defense Authorization Act 2007 to teach and mentor approximately 314,000 JROTC Cadets annually.

### **JROTC 1-2 (LET 1) (9-12)**

Intro to Leadership Development: Cadets receive instruction in citizenship, communication, leadership, leadership lab (inspections/drill), physical training, first aid, & American history.

Course ID: 070811/70812

Credits: 1 credit per semester

### **JROTC 3-4 (LET 2) (10-12)**

Intermediate Leadership Development: Cadets receive instruction in techniques of communication, leadership, leadership lab (inspections/drill), physical training, first aid, map reading, American military history, American citizenship, career opportunities, roles of the U.S. Army, & technology awareness.

Prerequisites: JROTC 1-2

Course ID: 070821/070822

Credits: 1 credit per semester

### **H JROTC 5-6 (LET 3) (11-12)**

As a third-year Cadet, you'll continue to build on LET I & II knowledge & skills & find yourself being introduced to new content that will help you develop your supervisory skills & abilities. The knowledge, skills, & abilities you will acquire this year are: Leadership, personal growth & behaviors, time management, team building, decision making, health & fitness, service learning & citizenship & government.

Prerequisites: JROTC 3-4

Course ID: 070751 / 070752

Credits: 1 per semester

### **H JROTC 7-8 (LET 4) (12)**

The JROTC program is designed to help develop strong leaders & model citizens. As a fourth-year Cadet, you'll continue to build on the LET I-III knowledge & skills & find yourself being introduced to new content that will help you continue to lead others in your battalion. The knowledge, skills, & abilities you will acquire your senior year: Leadership learning experiences provide you with a unique opportunity to look at the role of leadership in continuous improvement. You'll take a look at the big picture of the JROTC program & how its outcomes relate to leadership. Additionally, you'll explore strategies for teaching & mentoring others. Personal Growth & Behaviors continues to help you think & plan for your future with topics such as personal independence, the importance of personal accountability, & professional development. Team Building continues to build on drill & ceremony protocol. You will look at the tactics for motivating others & how they translate into other areas of leadership. Additionally, you'll explore the elements of a communication model & how to overcome barriers of communication. In Service Learning you will manage a service-learning project within a unit or the entire battalion. You'll be introduced to project management processes & management tools. Citizenship & Government exposes you to the challenges that face fundamental principles of society today. You will discuss topics to encourage you, as a citizen, to think about the future of citizen rights. Leadership laboratories for the practical application of learning are a key part of the course.

Prerequisites: H JROTC 5-6

Course ID: 070741 / 070742

Credits: 1 per semester

### **Beginning Marksmanship (10-12)**

Detailed instruction, guidance, & supervision in safety & the art of precision firing with .22 caliber target rifles, & air pellet pistols & rifles. Participants must be highly motivated, dedicated, self-disciplined & agile. Rifle teams participate in postal & shoulder-to-shoulder rifle matches in & outside of Omaha. Students have the opportunity to try out for the Rifle Team & Pistol Teams & earn a varsity letter.

Prerequisites: Concurrent enrollment with JROTC LET course

Course ID: 070781/070782

Credits: 1 credit per semester

### **Intermediate Marksmanship (10-12)**

This is a continuation of the Beginning Marksmanship course. Detailed instruction in the art of precision rifle marksmanship & safety under the supervision of instructors certified in the Civilian Marksmanship Program & Safety Certified by U.S. Army Cadet Command. This is instruction in Olympic style marksmanship techniques & competition. Small caliber Air Rifles are used in this instruction. Students must be mature, highly motivated, dedicated, & self-disciplined. Students in this course will be expected to participate as members of the Varsity or Junior Varsity Marksmanship Teams.

Prerequisites: Beginning Marksmanship, Concurrent enrollment with JROTC LET course, instructor permission, normal distance vision with glasses

Course ID: 071051/071052

Credits: 1 credit per semester

### **Advanced Marksmanship (11-12)**

Further individualized detailed instruction in precision rifle marksmanship techniques. The focus is on developing a precision expert marksman. This is instruction in Olympic style marksmanship techniques & competition. Small caliber Air Rifles are used in this instruction. Students must be mature, highly motivated, dedicated, & self-disciplined. Students in this course will be expected to participate as members of the Varsity or Junior Varsity Marksmanship Teams.

Prerequisite: Intermediate Marksmanship

Course ID: 070791 / 070792

Credits: 1 credit per semester

### **Color Guard (9-12)**

This is an Intermediate Class in U.S. Army Regulation Drill. Students taking this course will receive instruction in the history & purpose of Regulation Drill, & its application in the organization & conduct of Color Guard Drill, Regulation Unarmed, & Armed Drill, & Drill with Sabers. Emphasis will be on learning the finer details of drill to prepare for ceremonies, exhibition & competition, & to prepare cadets to become drill team commanders. Students taking this course will be expected to participate as members of JROTC Color Guard & Drill Teams which will require before & after school practices & attendance at scheduled drill team competition events on weekends.

Prerequisite: Must be enrolled in a JROTC LET Course

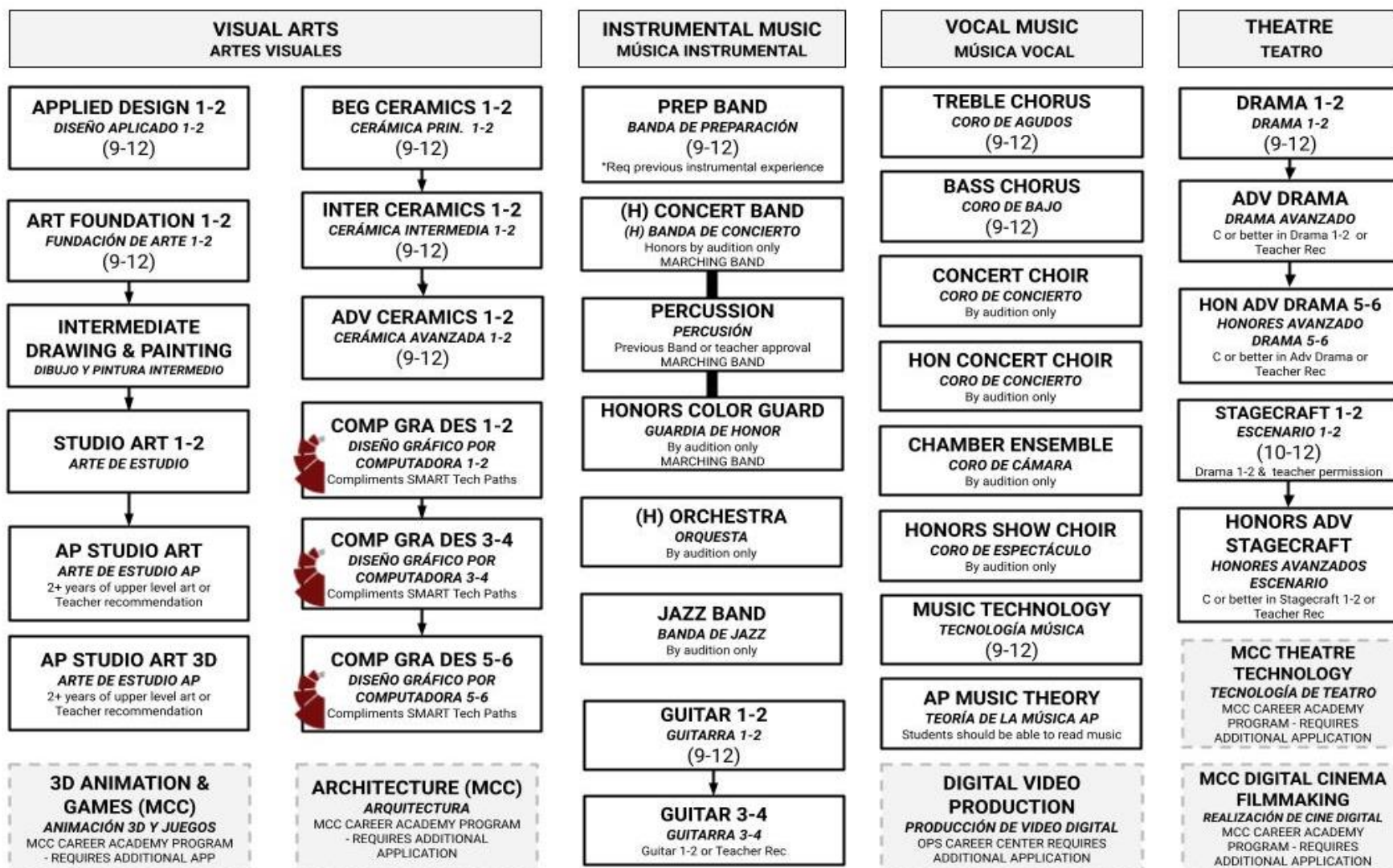
Course ID: 070631 /070632

Credits: 1 credit per semester





## Performing Arts (Instrumental Musical, Vocal Music, Drama Arts)



## CHORAL

### Bass Chorus (9-12)

Open to 9-12th graders who wish to participate in a chorus of bass voices. Basic vocal concepts are stressed through literature that is appropriate for tenor & bass voices. Performance opportunities are included as an extension of the classroom activities including concerts /contests in the Omaha area. Students are required to participate in all performances.  
Course ID: 192061 / 192062  
Credits: 1 per semester

### Chamber Ensemble (10-12)

This course is an advanced chamber ensemble for mixed voicing selected by audition. Members may be simultaneously enrolled in one of a school's principal choral organization. Frequent performance must be a consideration for enrollment.  
Prerequisite: By audition only  
Course ID: 190471 / 190472  
Credits: 1 per semester

### Concert Choir/Honors Concert Choir (10-12)

The principal performing choral organization of Buena Vista High School. Rehearses & performs music of all musical periods of history. Performances usually include fall, winter, & spring concerts as well as the All-City Music Festival.  
Prerequisites: Membership is selected by audition.  
Course ID: 190281/190282  
Honors Course ID: 190351/190352  
Credits: 1 credit per semester

### Honors Show Choir (10-12)

The principal show choir of the high school; an advanced choral ensembles, which usually consist of three to five mixed, equally balanced quartets, are available by audition to students who are simultaneously enrolled in one of the school's principal choral organizations. One of the primary functions of these groups is to serve as "ambassadors" for the school. Choreographed routines & frequent performance, often requiring time outside of school, must be a student consideration for enrollment. Students are required to participate in all scheduled performances.  
Prerequisites: Membership is selected by audition  
Course ID: 190331/ 190332  
Credits: 1 credit per semester

### Treble Chorus (9-12)

This course is open to all girls who wish to participate in a choral class of treble voices. Basic vocal concepts are stressed through literature that is appropriate soprano & alto voices. Performance opportunities are included as an extension of the classroom activities. Students are required to participate in all scheduled performances.  
Course ID: 190311 / 190312  
Credits: 1 per semester

## INSTRUMENTAL

### Prep Band (9-12)

This course is intended for high school students with previous instrumental experience but have yet to sharpen their skills sufficiently for membership in the concert band. Appropriate band literature including "method" studies that encourage the development of instrumental technique is rehearsed and performed.  
Course ID: 190571/190572  
Credits: 1 credit per semester

### Concert Band 1-2 (9-12)/Honors Concert Band 1-2 (10-12)

The principal instrumental group at Buena Vista High. Performs at all home football games, numerous marching band festivals & parades. The concert season consists of rehearsing & performing music from all periods of history. Performances include winter & spring concerts, as well as the All-City Music Festivals. The band also performs at home basketball games.  
\*Additional assignments and performances will be required for Honors credit.  
Recommended: One year of instrumental music study or previous year continuous enrollment. \*Honors = membership by audition  
Course ID: 190671/190672  
Honors Course ID: 190681/190682  
Credits: 1 credit per semester

### Honors Color Guard (9-12)

This course is considered to be the principal performing corp in the high school instrumental music curriculum. Students will rehearse & perform standard flag corp routines with performance technique. *Membership is by audition.* The Flag Corp serves as an extension of the marching band program during the first semester's activities. Other performances include winter & spring guard. Students are required to participate in all scheduled performances. *\*PE Credit can be earned.*  
Prerequisites: Permission of instructor (selected by audition)  
Course ID: 191121/ 191122  
Credit: 1 per semester  
*\*Students MAY take 1<sup>st</sup> semester a semester course but cannot take 2<sup>nd</sup> semester without taking 1<sup>st</sup>.*

### Percussion Class (9-12)

The high school Percussion class is designed to provide students with a comprehensive approach to percussion instruments & techniques. This course will explore various percussion instruments, their history, & their roles in different musical genres & ensembles. Students will develop their skills in playing percussion instruments & gain an understanding of rhythm, timing, & musical expression. Students will develop their skills in keyboard, battery, & auxiliary percussion instruments. The course requires attendance for marching events, pep band events, & all band concerts.  
Prerequisites: Previous band experience in band course or teacher approval  
Course ID: 190691/ 190692  
Credits: 1 credit per semester

### Orchestra 1-2 (9-12)/Honors Orchestra 1-2 (10-12)

This course includes the rehearsal and performance of outstanding symphonic literature from the representative periods of music history. This literature provides for the development of both individual and ensemble skills. Performance includes winter and spring concerts as well as the All-City Music Festival. Membership is by audition. High school orchestra members also participate as a pit orchestra for the production of a school's Broadway musical. Students are required to participate in all scheduled performances.  
Prerequisites: Membership is by audition  
Course ID: 190851/190852  
Honors Course ID:190791/190792  
Credits: 1 credit per semester

### Guitar 1-2 (9-12)

This course is designed for 9th through 12th grade students with any level of guitar experience. Students will learn a foundation of guitar-playing technique with an emphasis on note-reading. The fundamentals of musicianship & composing music for the guitar will also be taught. In-class performances (alone & in groups) will be the focus of this class. However, one outside-of-class performance per semester is required. Students are encouraged to purchase their own guitar (electronic or acoustic). There are a limited number of instruments available for student use on a need basis only.  
Course ID: 191131 / 191132  
Credit: 1 credit per semester

### Guitar 3-4 (9-12)

In this course students will build on the foundation of playing techniques covered in Guitar 1-2. Note reading studies will cover all frets in first position as well as higher positions. Advanced techniques such as right hand finger style & classical (pima) will be taught. Chord studies will include moveable bar chords. Ear-training & transcribing music for the guitar will also be taught. Students will perform alone & in a variety of ensemble settings including a guitar recital in the spring semester. Students are encouraged to purchase their own guitar (steel or nylon string –no electric guitars). There are a limited number of instruments available for student use on a need basis only.  
Prerequisites: Completion of Guitar 1-2 or teacher rec  
Course ID: 191141 / 191142  
Credit: 1 credit per semester

### Jazz Band (10-12)

This course is a high school instrumental ensemble comprised of advanced instrumental students who are simultaneously enrolled in Concert Band or Orchestra. Various jazz rudiments & improvisation techniques are introduced through a variety of jazz & popular styles of music.  
Prerequisites: Membership is by audition.  
Course ID: 190591/ 190592  
Credits: 1 per semester



### Music Technology 1 (9-12)

This course is designed for students interested in music & its related computer applications. No previous experience in computers or music is necessary. Students will explore electronic musical instruments, computer-assisted instructions, MIDI sequencing & music notation.

Course ID: 190971

Credit: 1

### Music Theory

This course includes the study of fundamental notation, intervals, triads, basic chord structure & principles of voice leading. Students electing this course should have some basic music reading knowledge & advanced interest in the formal study of music. The course is considered to be a pre-college course, which may result in advanced placement in a college music theory program.

Course ID: 190331/ 190332

Credits: 1 credit per semester

### AP Music Theory (adding in 25-26)

This AP Music Theory course is designed to develop aural, performance, composition and theoretical knowledge skills of students to levels beyond the high school level. Students are encouraged to progress to be able to take the AP exam during fourth quarter. Students who select NOT to participate in the AP exam are expected to take a cumulative, AP comparable, teacher-graded end of course exam.

Course ID: 191521/ 191522

Credits: 1 credit per semester

### Drama 1-2 (9-12)

This course provides an introduction to drama & theater as an art form. Students enrolled in this course will learn & apply basic principles of acting & fundamentals of stage terminology & audience etiquette. Participants will study, experience & perform pantomime, improvisation, monologues, original scenes, & creating, writing & performing original scripts/plays. Students will also study the technical aspects of theater & an introduction to theater history. Students are required to attend at least one Buena Vista High School play and/ or musical production per semester. Honors credit is available for this course.

*\*These may be taken as semester courses.*

Course ID: 020631/020632

Credits: 1 per semester

### Advanced Drama (10-12)

Advanced Drama is a continued in-depth study & application of acting principles, terminology, & theater history. Students will also learn & apply the fundamentals of directing, stage, lighting, & costume design. Students are required to attend & critique all school play & musical productions per semester.

Prerequisite: C or above in Drama 1-2 or teacher permission.

Course ID: 020651/ 020652

Credits: 1 per semester

### Honors Advanced Drama 5-6 (11-12)

This course is a continued in-depth study & application of acting principles & techniques, drama terminology, & special topics in drama/theater: the actor, playwright, director, dramatic structure, dramatic genre & style. Students will perform monologues, scripted scenes & various other performance pieces that will develop acting skills & methods. In addition, students will learn & apply the fundamentals of directing, playwriting & theatre history in their acting work. Students are required to attend & critique all school play & musical productions per semester. Additional requirements, responsibilities, and/or projects are a part of this course.

Prerequisites: C or above in Honors Adv Drama 3-4.

Course ID: 021831 / 021832

Credits: 1 per semester

### Stagecraft 1-2 (10-12)

Stagecraft 1 focuses on providing students with an understanding of technical theater, including theater safety, parts of a theater, theatrical rigging systems, the safe use of tools, basic set construction, introduction to set design, introduction to theatrical lighting and sound, stage management, and the use of other theatrical equipment. In addition, students will be introduced to theatrical costumes, properties, and theatrical makeup and the role each plays within a production. Students are required to attend and critique all school play and musical productions. Prerequisite: Average C or above in Drama 1-2 or Industrial Tech (or middle school equivalent) and teacher permission. Strong interest in the "behind the scenes" working of a theatrical production is a must. Some experience in building/construction is good, but not necessary. Honors credit is available for this course.

Course ID: 020681/020682

Credits: 1 per semester

### Honors Advanced Stagecraft

Honors Advanced Stagecraft focuses on providing students with an in-depth understanding of technical theatre, including safety, parts of a theatre, theatrical rigging systems, the safe use of tools, basic set construction, introduction to set design, introduction to theatrical lighting & sound, stage management & the use of other theatrical equipment. In addition, students will be introduced to theatrical costumes, properties, & theatrical makeup & the role each plays within a production. Students are required to attend & critique all school play & musical productions. Additional requirements, responsibilities, and/or projects are a part of this course.

Recommended: C or above in Stagecraft 1-2 or teacher recommendation.

Course ID: 021691/021692

Credits: 1 per semester





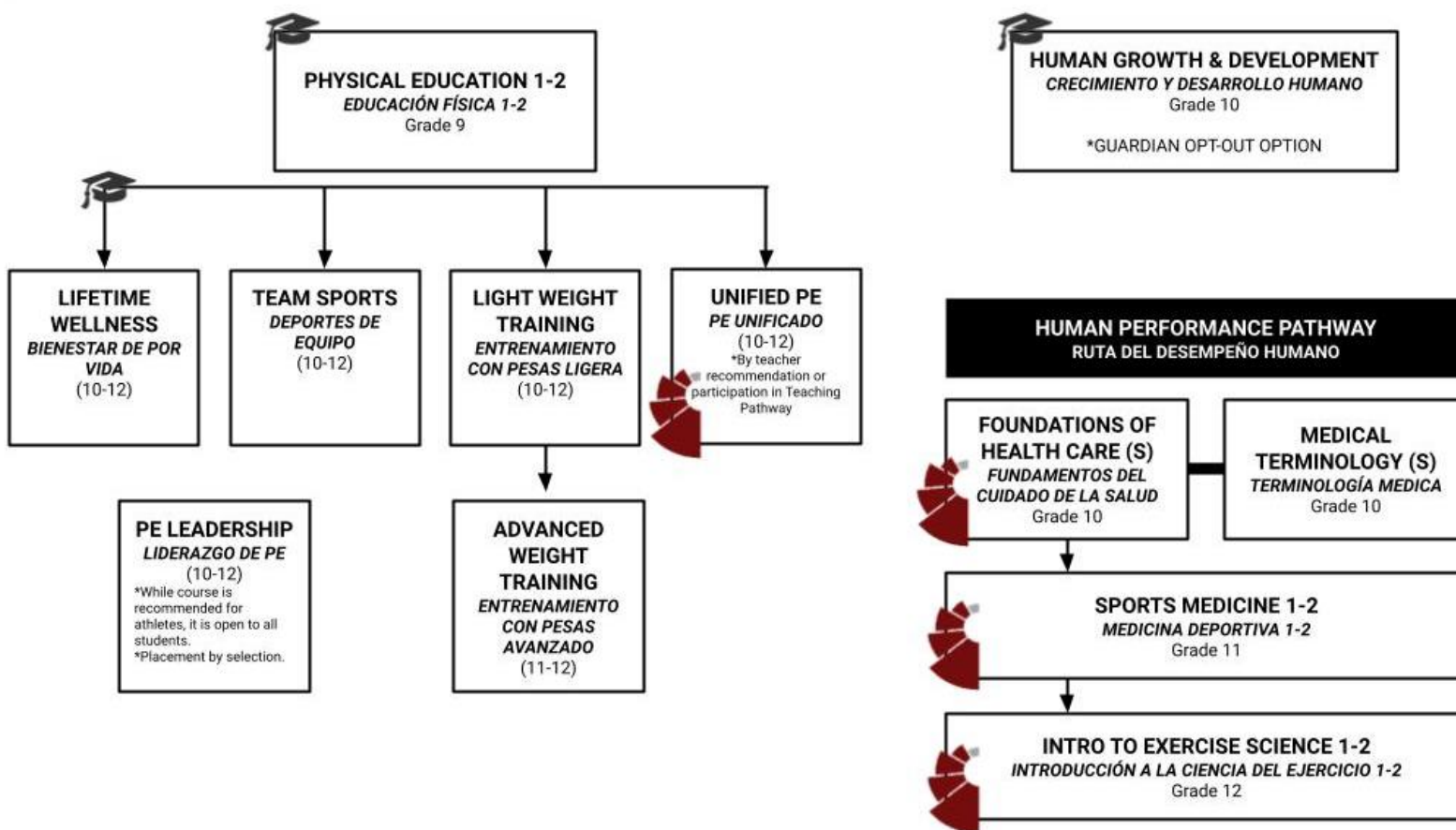


## Physical Education / Human Growth & Development

### PHYSICAL EDUCATION & HUMAN GROWTH / EDUCACIÓN FÍSICA Y DESARROLLO HUMANO

High School Graduation PE Requirements: Must pass 4 credits of PE or equivalent courses  
Requisitos de educación física para graduarse de la escuela secundaria: debe aprobar 4 créditos de educación física o cursos equivalentes

#### CORE / GRADUATION REQUIREMENTS REQUISITOS BÁSICOS / DE GRADUACIÓN



**Physical Education 1-2 (9)**

This is the 9<sup>th</sup> grade PE course which involves students in the development of personal fitness & participation in a variety of sports, games, & dance activities.

Course ID: 070181 / 070182

Credits: 1 credit per semester

**Lifetime Wellness 1-2 (10-12)**

Students will learn about health and nutrition. Knowledge of lifetime wellness and fitness will be covered and emphasized. Activities include but are not limited to: walking, toning, fitness concepts and technology, and orienteering. District mandated Fitnessgram will be administered in pre and post test form.

Course ID: 070191 / 070192

Credits: 1 credit per semester

**Lifetime Wellness 3-4 (11-12)**

Students will learn self-management skills, lifestyle physical activity and positive attitudes, consumer choices, and plan a personal fitness program. Students will learn about flexibility, muscle fitness and cardiovascular fitness. Activities include but are not limited to: walking, fitness planning and self evaluation.

Course ID: 070231 / 070232

Credits: 1 credit per semester

**Light Weight Training & Conditioning 1-2 (10-12)**

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

Course ID: 070251 / 070252

Credits: 1 credit per semester

**Advanced Weight Training & Conditioning 1-2 (11-12)**

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

Prerequisites: Completion of Light Weight Training & Cond.

Course ID: 070281 / 070282

Credits: 1 credit per semester

**Team Sports 1-2 (10-12)**

This course will consist of instruction in rules, strategies, skills & sportsmanship concepts. Activities may include: flag football, soccer, volleyball, basketball, team handball, softball, & floor hockey. A fitness unit will be taught.

Course ID: 070471 / 070472

Credits: 1 credit per semester

**PE Leadership (11-12)**

This course is ideal for the student athlete who wants to seriously train for high school sports. The course will teach student athletes the proper way to train & the leadership skills which are essential in becoming leaders in the school & out in the community. Physical activities will incorporate balance, neuromuscular coordination, improving basic running technique, various methods of strength training, & flexibility. The goal is to focus on an individual's strengths & weaknesses & to enhance their sport performance & overall athleticism through speed, strength, & movement training. Classroom activities will incorporate nutrition, sport psychology, lessons in leadership, & goal setting. The course will also include a minimum of 8 hours of community service as a component of the class. While course is recommended for athletes, it is open to all students. Prerequisites: School expectation – placement is by selection

Course ID: 070381 / 070382

Credits: 1 credit per semester

**Unified PE (10-12)**

TBD

Prerequisites: Must be a member of the Health & Education Pathway and/or teacher & administrator approval.

Course ID: TBD

Credits: 1 credit per semester

**Human Growth & Development (10-12)**

Course helps senior students acquire responsible decision-making skills related to wellness, communication skills, healthy relationships, preventing abuse, chemical usage, sexuality, prenatal care, etc. All high school students are required to take Human Growth & Development; a parent/guardian may choose to opt out of his/her student; there is a formal notification that must be signed & submitted to school administration.

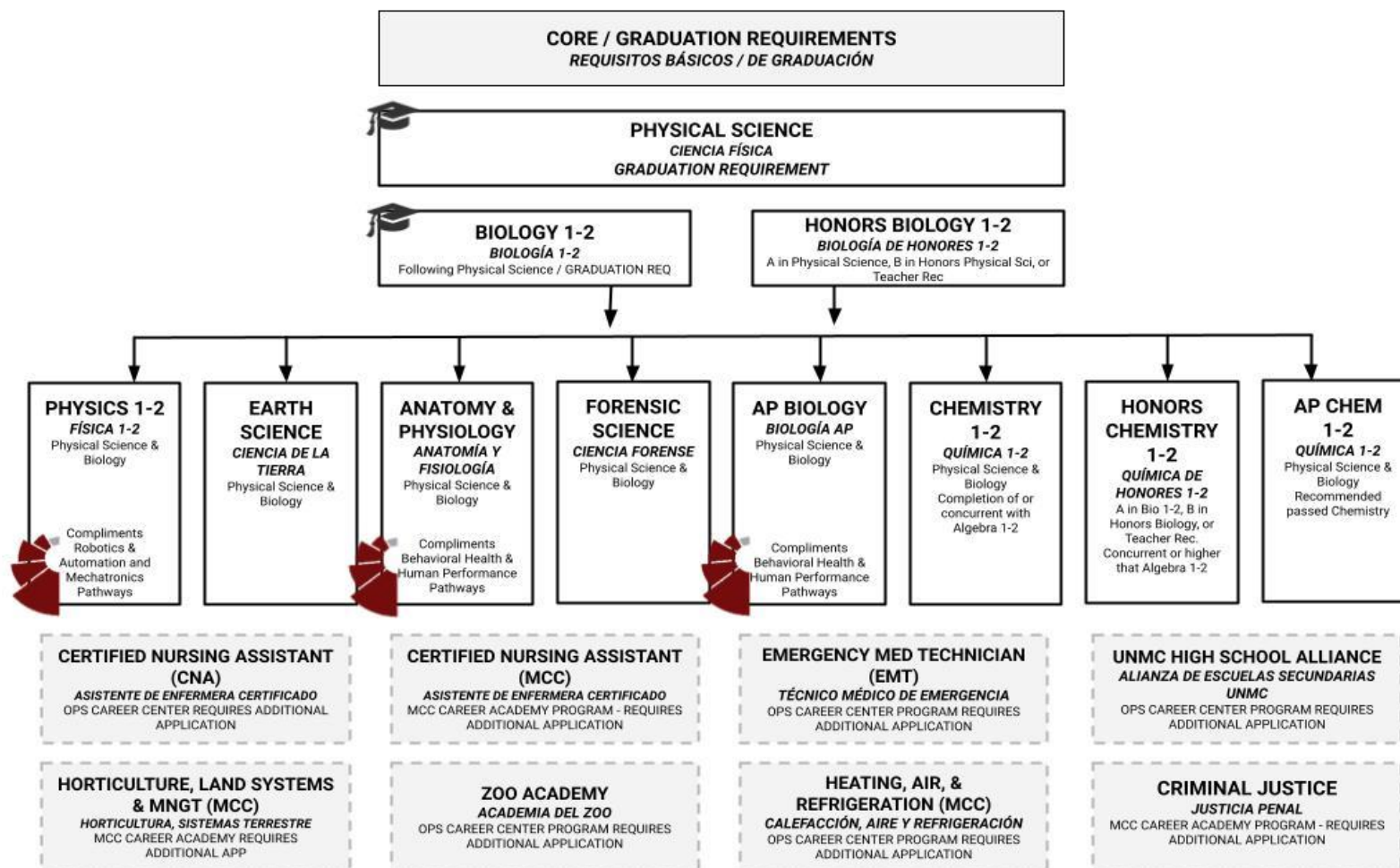
Course ID: 070931

Credits: 1



## SCIENCE / CIENCIA

High School Graduation SCIENCE Requirements: Must pass Physical Science 1-2, Biology 1-2, and 1 additional course  
 Minimum College Eligibility Requirement for Most 4 year Colleges: 3 years including at least 2 of these: Biology, Chemistry, Physics or Earth Science.  
 Requisitos de CIENCIAS para graduarse de la escuela secundaria: Debe aprobar Ciencias Físicas 1-2, Biología 1-2 y 1 curso adicional. Elegibilidad mínima para la universidad  
 Requisito de CIENCIAS para la mayoría de las universidades de 4 años: 3 años, incluidos al menos 2 de estos: Biología, Química, Física o Ciencias de la Tierra.



### **Anatomy & Physiology 1-2 (10-12)**

This course enables students to understand the principles & structures of the human body. Students develop an understanding of the structure & function of complex human organ systems through inquiry-based laboratory experiences using up-to-date technology. This course will explore scientific & technological advances in the field of anatomy. Students will also explore career opportunities in medical & related fields. The study & application of vocabulary & terminology is an essential part of this course. Students will incorporate writing & literacy strategies into summative projects. Laboratory dissections are required. Students enrolled in honors courses have additional experiences that require a more rigorous program of study.

Prerequisite: Successful completion of Physical Science 1-2 & Biology 1-2.

Course ID: 060931/060932

Credits: 1 per semester

### **Biology 1-2 / Honors Biology 1-2 (10-12)**

This course engages students in inquiry-based problem solving as they investigate biological issues that are relevant to their daily lives. Topics of study include: the cell; the molecular basis of heredity; biological evolution; the interdependence of organisms; & matter, energy, & organization in living systems. This course meets the district requirement for biology. *Students enrolled in honors courses have additional experiences that require a more rigorous program of study.*

Course ID: 060411/060412

Honors Course ID: 060431/060432

Credits: 1 per semester

### **AP Biology 1-2 (11-12)**

AP Biology is an introductory college-level biology course. Students cultivate understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes - energy & communication, genetics, information transfer, ecology, & interactions. Students who select NOT to participate in the AP exam are expected to take a cumulative, AP comparable, teacher-graded end of course exam.

Prerequisites: Physical Sci 1-2, Biology 1-2 with C or better/teacher rec.

Course ID: 060471/060472

Credits: 1 per semester

### **Chemistry 1-2 / Honors Chemistry 1-2 (10-12)**

This course engages students in both theoretical & practical problem-solving strategies as they investigate chemical issues that are relevant to their daily lives. Topics of study include laboratory processes, chemical safety, atomic structure, properties of matter, & chemical reactions.

Prerequisite: Physical Science 1-2, Biology 1-2 (concurrent enrollment in Biology 1-2 is acceptable with teacher recommendation), & successful completion of, or concurrent enrollment in, Algebra 1-2

Course ID: 060551/060552

Honors Course ID: 060561/060562

Credits: 1 per semester

### **Earth Science 3-4 (10-12)**

Earth Science 3-4 is an inquiry-based course that builds upon content from Nebraska's earth science standards that were introduced in the Physical Science & Biology 1-2 course sequence. Students use scientific inquiry to further explore concepts of Earth's composition & how it is studied, the history & dynamics of Earth, & the reshaping the Earth's crust, atmosphere, atmospheric forces, & oceans.

Prerequisites: Physical Science 1-2 & Biology 1-2

Course ID: 061061 / 061062

Credits: 1 credit per semester

### **Forensic Science (10-12)**

Promotes active learning & emphasizes the application & integration of math, chemistry, biology, physics, & earth science. Topics covered may include: collection, handling, & examination of trace evidence such as hair, fibers, soil, pollen, & glass, fingerprint, blood, & blood splatter examination, DNA, drug & toxicology testing, handwriting & tool mark analysis, voice examination, impressions, ballistics, & forensic anthropology.

Prerequisites: Successful completion of Physical Sci 1-2 & Biology 1-2.

Course ID: 061331 / 061332

Credits: 1 per semester

### **Physical Science (9-12)**

Physical Science is an inquiry-based course designed to expose students to selected concepts in chemistry, physics, earth, & space science. Topics include matter, energy, forces & motion, Earth in space, & Earth structures & processes. This course provides a foundation for other science courses. *Students that enroll in honor courses have additional experiences that require a more rigorous program of study.*

Course ID: 060501/060502

Credits: 1 per semester

### **Physics (10-12)**

Physics 1-2 engages students in an inquiry-based, problem-solving approach to investigate the physical laws that are fundamental to all science. Topics of study include motion & technological design; the effects of forces on motion; the origin of the universe; conservation of energy; & the interaction of energy & matter.

Prerequisites: Physical Science 1-2, Biology 1-2 (concurrent enrollment in Biology 1-2 is acceptable with teacher recommendation), & successful completion of, or concurrent enrollment in, Algebra 1-2.

Course ID: 060601/060602

Honors Course Id: 060631/060632





## Social Studies

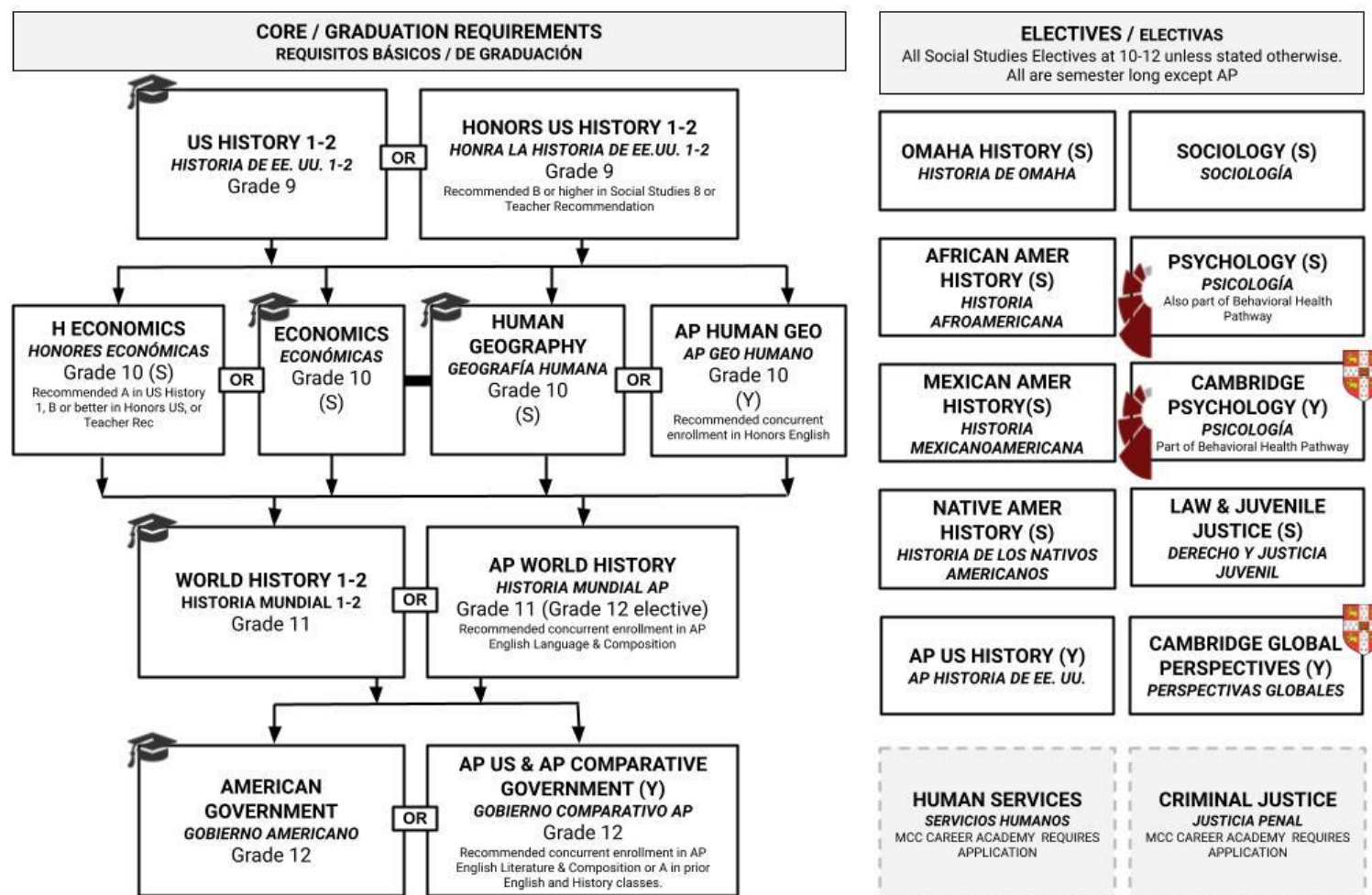
### SOCIAL STUDIES / CIENCIAS SOCIALES

High School Graduation SOCIAL STUDIES Requirement: 3.5 CREDITS (US History, Economics, Human Geography, World History, and Government.

Minimum College Eligibility SOCIAL STUDIES Requirement for Most 4 year Colleges: Must pass 3 years history or social studies

Graduación de la Escuela Secundaria ESTUDIOS SOCIALES Requisito: 3.5 CRÉDITOS (Historia de Estados Unidos, Economía, Geografía Humana, Historia Mundial y Gobierno.

Elegibilidad mínima para la universidad ESTUDIOS SOCIALES Requisito para la mayoría de las universidades de 4 años: Debe aprobar 3 años de historia o estudios sociales



### United States History 1-2 (9)

This course is a graduation requirement for all students. This course continues the study of United States history from 1914 to present. Students address the social, economic, & political development of the nation & relate it to both past & present. Instruction is organized around the themes of geography, history, economics, culture, & citizenship. Students investigate these themes using textbooks, newspapers, novels, primary sources, & technology.

Course ID: 030901 / 030902

Credits: 1 per semester

### Honors United States History 1-2 (9)

See United States History 1-2 course description. Students are required to research & analyze specific concepts in United States history & relate it to current events.

Prerequisite: Any one of the following: Grade of “B” or higher in Social Studies -8 1 & 2, MAP Reading score at or above a score determined by District Social Studies Supervisor.

Course ID: 030911 / 030912

Credits: 1 per semester

### Intro to Economics (10)

Intro to Economics examines the key concepts of economics through study of various sectors of market systems. Fundamentals, micro, macro, & international economic concepts are presented & studied. Emphasis is given to the role of the citizen in America's market structure. One-semester course.

Course ID: 030461

Credits: 1

### Honors Introduction Economics (10)

Honors Introduction to Economics examines the key concepts of economics through study of various sectors of market systems. Fundamentals, micro, macro, & international economic concepts are presented & studied. Emphasis is given to the role of the citizen in America's market structure. Students are required to research & analyze the structure & function of economics in the United States today. Honors students will also be expected to perform extension activities on their Curriculum Based Assessments (CBA's). One-semester course. *Concurrent enrollment in Honors English 3-4 is highly recommended.*

Course ID: 030481

Credits: 1

### Human Geography (10)

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

Course ID: 031011

Credits: 1

### AP Human Geography 1-2 (10-12)

*\*Dual Enrolled*

The purpose of the AP course in Human Geography is to introduce students to the systematic study of patterns & processes that have shaped human understanding, use & alteration of Earth's surface. Students who select not to participate in the AP exam are expected to take a cumulative, AP comparable, teacher-graded end of course exam.

Prerequisite: Teacher recommendation or proficient completion of all social studies courses. Highly recommended to have completed an Honors level English class or have obtained “c” or higher in a general level English class.

Course ID: 030191/030192

Credits: 1 per semester

### Modern World History 1-2 (11)

Modern World History 1-2 explores the culture & history of people from 1000 CE to the present. As students examine the choices & decisions of the past, they are better able to confront today's problems & choices with a deeper awareness of the alternatives before them, & the likely consequences of each.

Prerequisites: Successful completion of 9<sup>th</sup> grade U.S history & 10<sup>th</sup> grade Human geography.

Course ID: 031381/031382

Credits: 1 per semester

### AP World History (11)

*\*Dual Enrolled*

Advanced Placement World History 1-2 is a modern world history course. Students cultivate their understanding of world history from c. 1200 CE to the present through analyzing historical sources & learning to make connections & craft historical arguments as they explore concepts like humans & the environment, cultural developments & interactions, governance, economic systems, social interactions & organization, & technology & innovation. Students who select not to participate in the AP exam are expected to take a cumulative, AP comparable, teacher-graded end of course exam.

Prerequisites: Concurrent enrollment in AP EL & Composition is highly recommended.

Course ID: 030421/030422

Credits 1 per semester

### American Government (12)

American Government addresses the theories & practices that are the basis to the nation's form of government. Students analyze the structure, operations, & functions of local, state, & national governments. This helps students better prepare themselves to practice participatory citizenship, as related to their responsibilities & rights as citizens. This is a one-semester course.

Course ID: 030251

Credits: 1

### AP US / Comparative Government (12)

*\*Dual Enrolled / enrollment in both semesters expected*

Semester 1: AP United States Government & Politics introduces students to key political ideas, institutions, policies, interactions, roles, & behaviors that characterize the political culture of the United States. The course examines politically significant concepts & themes, through which students learn to apply disciplinary reasoning assess causes & consequences of political events, & interpret data to develop evidence-based arguments. Concurrent enrollment in AP Literature & Composition is recommended. Students who select NOT to participate in the AP exam are expected to take a cumulative, AP comparable, teacher-graded end of course exam.

Semester 2: AP Comparative Government & Politics introduces students to the rich diversity of political life outside of the United States. The course uses a comparative approach to examine the political structures; policies; & the political, economic, & social challenges among six selected countries: Great Britain, Mexico, Russia, Iran, China, & Nigeria. Additionally, students examine how different governments solve similar problems by comparing the effectiveness of approaches to many global issues.

Course ID: 030261 / 030262

Credits: 1 per semester





### **African-American History (10-12)**

This semester-long course addresses the continued struggle for political, educational, & economic equality by African Americans. Emphasis is placed on the contributions of African Americans in the development of an industrialized United States as well as their place in the historical record.

Course ID: 030521

Credits: 1

### **Law & Juvenile Justice (11--12)**

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

Course ID: 030621

Credits: 1

### **Mexican-American History (10-12)**

This semester-long course examines Mexican history as well as the Mexican American experience in the United States. Particular attention is given to Omaha's Mexican American community. One semester course.

Course ID: 030401

Credits: 1

### **Omaha History (10-12)**

Omaha History explores the rich & colorful past of one of America's great cities. From the Native Americans who first settled here, to the diverse ethnic groups who later called this place home, Omaha has possessed a unique, vibrant, & sometimes gaudy history that is full of interesting & inspiring stories of the individuals who have made their marks here. Students also learn about the architecture & cultural institutions that have made the city what it is today. One semester course.

Prerequisites: Successful completion of 9<sup>th</sup> grade U.S History.

Course ID: 030711

Credits 1

### **Psychology (10-12)**

*\*11 – Behavioral Health Pathway*

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

Course ID: 030491

Credits: 1

### **Cambridge Psychology 1-2 (10-12)**

*\*11 – Behavioral Health Pathway*

*\*Correlated with Cambridge course for Cambridge AICE Diploma*

Cambridge International AS & A Level Psychology is designed to give students an understanding of psychological concepts, theories and research methodology.

Course ID: TBD

Credits: 1 per semester

### **Sociology (10--12)**

*\*11 – Behavioral Health Pathway*

Sociology explores the structure of society from both a historical & contemporary base. Students examine the ways in which people interact with one another; learning about relationships in social institutions, such as the family, & the organization of societies, both locally & globally. The course also deals with vital issues & social concerns, such as the struggle for civil rights, socialization at a young age, adolescent relationships, crime, poverty, & social stratification. One semester course.

Course ID: 030531

Credits: 1





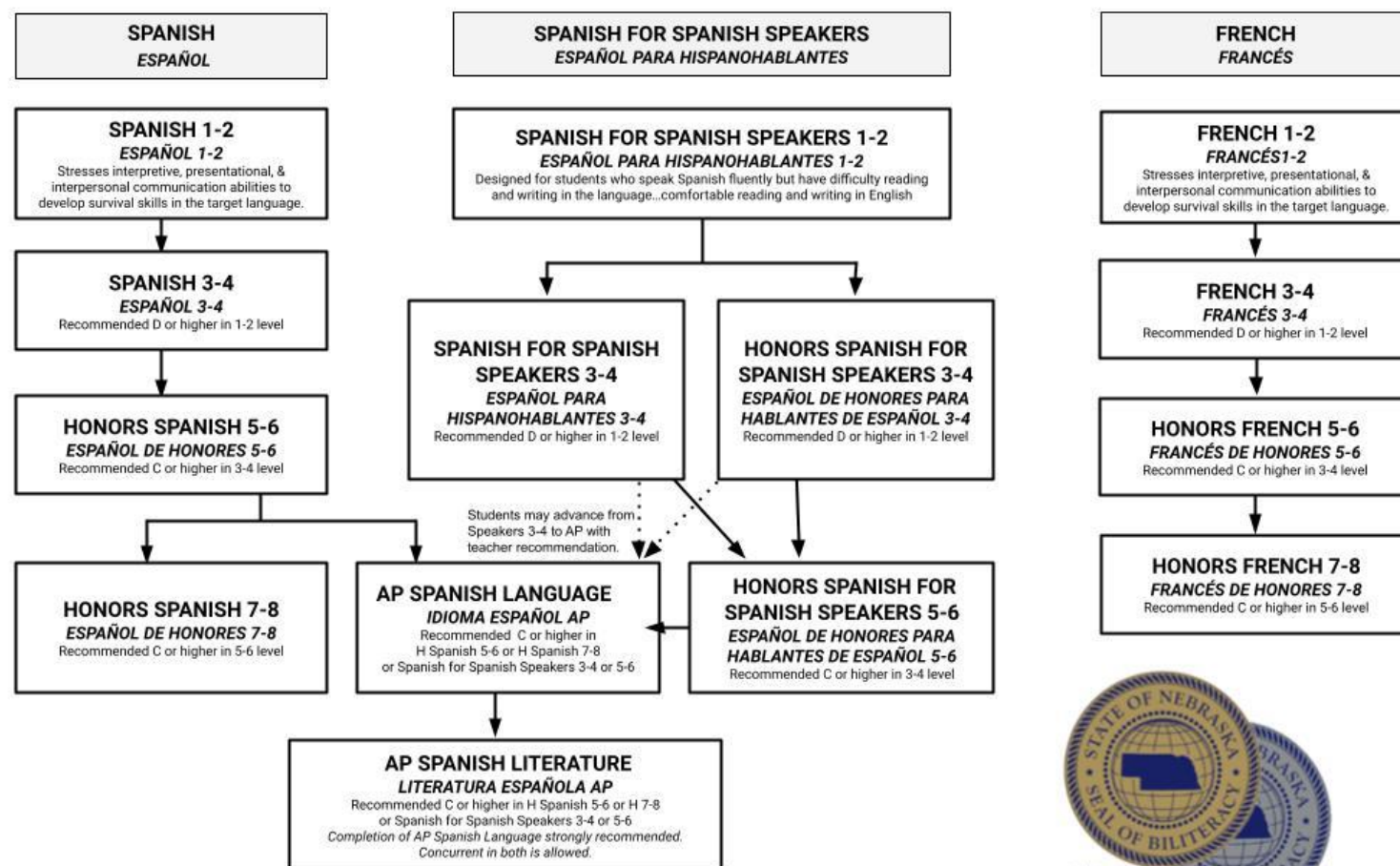
## World Languages

### WORLD LANGUAGES / IDIOMAS DEL MUNDO

Graduation Language Requirements: These courses count towards elective credits. Students need at least 15+ elective credits to graduate.

Minimum College Eligibility ELA Requirement for Most 4 year Colleges: Must pass 2 years of the same language.

Requisitos de idioma para la graduación de la escuela secundaria: estos cursos cuentan para créditos optativos. Los estudiantes necesitan al menos 15 créditos optativos para graduarse. Elegibilidad mínima para la universidad Requisito de ELA para la mayoría de las universidades de 4 años: Debe aprobar 2 años del mismo idioma.



### **French 1-2 (9-12)**

This course in World Languages at the first-year level stresses interpretive, presentational, & interpersonal communication abilities to develop survival skills in the target language. Students become aware of the personal & economic opportunities that knowing a second language will bring them & how that knowledge will enable them to function better both in the United States & globally. They also begin to develop an awareness & appreciation of the various cultures associated with that language as well as the impact these cultures have made on their own community, country, & world.

Course ID: 160301/160302

Credits 1 per semester

### **French 3-4 (9-12)**

Second-year level is a continuation & expansion of the principles & concepts of the first year. During this time, students continue to work extensively with interpretive, presentational, & interpersonal communication skills while also delving more extensively into language structure, reading for information & general composition. Students continue to develop an awareness & appreciation of the various cultures associated with that language as well as the impact these cultures have made on their own community, country, & world.

Prerequisites: Recommended grade of D or higher in 1-2 level course or teacher recommendation.

Course ID: 160311/160312

Credits 1 per semester

### **Honors French 5-6 (10-12)**

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

Prerequisites: Rec C or higher in 3-4 level course or teacher rec.

Course ID: 160351/160352

Credits 1 per semester

### **Honors French 7-8 (10-12)**

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

Prerequisites: Rec C or higher in 3-4 level course or teacher rec.

Course ID: 160351/160352

Credits 1 per semester

### **Spanish 1-2 (9-12)**

This course in World Languages at the first year level stresses interpretive, presentational, & interpersonal communication abilities to develop survival skills in the target language. Students become aware of the personal & economic opportunities that knowing a second language will bring them & how that knowledge will enable them to function better both in the United States & globally. They also begin to develop an awareness & appreciation of the various cultures associated with that language as well as the impact these cultures have made on their own community, country, & world.

Course ID: 160501/160502

Credits: 1 per semester

### **Spanish 3-4 (9-12)**

Second-year level is a continuation & expansion of the principles & concepts of the first year. During this time, students continue to work extensively with interpretive, presentational, & interpersonal communication skills while also delving more extensively into language structure, reading for information & general composition. Students continue to develop an awareness & appreciation of the various cultures associated with that language as well as the impact these cultures have made on their own community, country, & world.

Prerequisites: Recommended grade of D or higher in 1-2 level course or teacher recommendation.

Course ID: 160511/160512

Credits: 1 per semester

### **Honors Spanish 5-6 (10-12)**

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

Prerequisites: Recommended grade of C or higher in 3-4 level course or teacher recommendation.

Course ID: 160551/160552

Credits: 1 per semester

### **Honors Spanish 7-8 (11-12)**

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

Prerequisites: Rec C or higher in 3-4 level course or teacher rec.

Course ID: 160561/160562

Credits: 1 per semester

### **Spanish for Spanish Speakers 1-2 (9-12)**

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

Prerequisite: Course taught in SPANISH, students should be fluent.

Course ID: 160851/160852

Credits: 1 per semester

### **Spanish for Spanish Speakers 3-4 (9-12)**

This course is designed for fluent Spanish speakers who have basic Spanish skills in reading, writing, speaking, and listening. The course is taught in Spanish and focuses on developing a Spanish speaker's writing and reading comprehension of the Spanish language. Students read short stories, poetry, and write longer passages in Spanish. The course is taught in Spanish.

Prerequisites: Recommended grade of D or higher in 1-2 level course or teacher recommendation.

Course ID: 160831/160832

Credits: 1 per semester

### **Honors Spanish for Spanish Speakers 3-4 (9-12)**

This course is designed for fluent Spanish speakers with above basic Spanish skills in reading and writing. It focuses on honing academic Spanish skills in listening and speaking while continuing to focus on reading and writing skills. Students will gain deeper knowledge of Hispanic cultures, histories and literature through this class.

Prerequisites: Recommended grade of C or higher in 1-2 level course or teacher recommendation.

Course ID: 160861/160862

Credits: 1 per semester

### **Honors Spanish for Spanish Speakers 5-6 (10-12)**

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

Prerequisites: Recommended grade of C or higher in 3-4 level course or teacher recommendation.

Course ID: 160871/160872

Credits: 1 per semester



### **AP Spanish Language & Culture (11-12)**

*\*May be taken concurrently with AP Spanish Lit*

The AP Spanish Language & Culture course emphasizes communication (understanding & being understood by others) by applying interpersonal, interpretive, & presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, & cultural awareness. The AP Spanish Language & Culture course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the student of language & culture, the course is taught almost exclusively in Spanish. The AP Spanish Language & Culture course engages students in an exploration of culture in both contemporary & historical contexts. The course develops students' awareness & appreciation of cultural products (e.g., tools, books, music, laws, conventions, institutions); practices (patterns of social interactions within a culture); & perspectives (values, attitudes, & assumptions). Students who select NOT to participate in the AP exam are expected to take a cumulative, AP comparable, teacher-graded end of course exam.

Recommendation: C or higher in H Spanish 5-6 or H Spanish 7-8, or Spanish for Spanish Speakers 3-4 or Speakers 5-6 or teacher recommendation

Course ID: 160581/160582

Credits: 1 per semester

### **AP Spanish Literature & Culture (12)**

*\*May be taken concurrently with AP Spanish Lang*

The AP Spanish Literature & Culture course uses a thematic approach to introduce students to representative texts (short stories, novels, poetry, & essays) from Peninsular Spanish, Latin American, & United States Hispanic literature. Students develop proficiencies across the full range of communication modes (interpersonal, presentational, & interpretive), thereby honing their critical reading & analytical writing skills. Literature is examined within the context of its time & place, as students reflect on the many voices & cultures present in the required readings. The course also includes a strong focus on cultural connections & comparisons, including exploration of various media (e.g., art, film, articles, literary criticism). Students who select NOT to participate in the AP exam are expected to take a cumulative, AP comparable, teacher-graded end of course exam.

Recommendation: C or higher in H Spanish 5-6 or H Spanish 7-8, or Spanish for Spanish Speakers 3-4 or Speakers 5-6 or teacher recommendation

Successful completion of AP Spanish Lang is strongly recommended.

Course ID: 161121 / 161122

Credits: 1 per semester





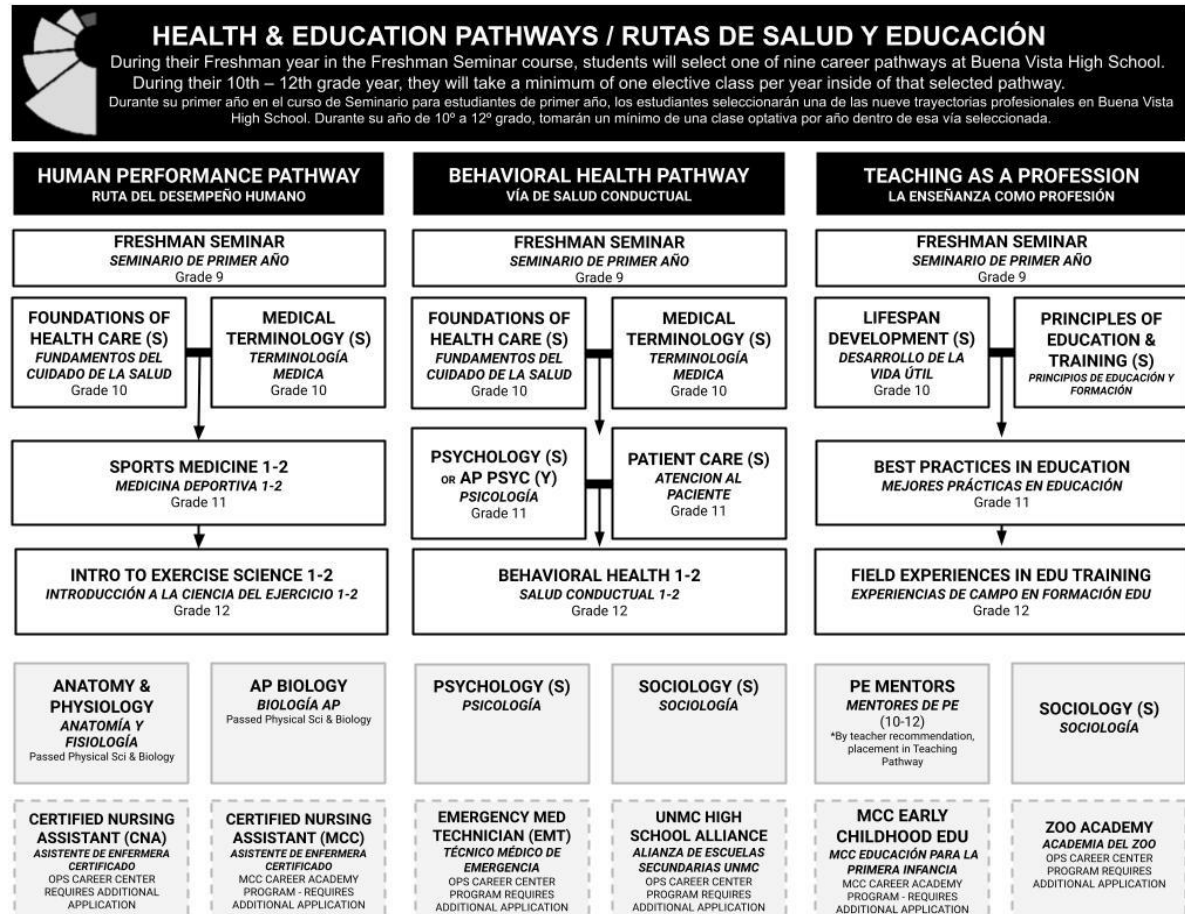
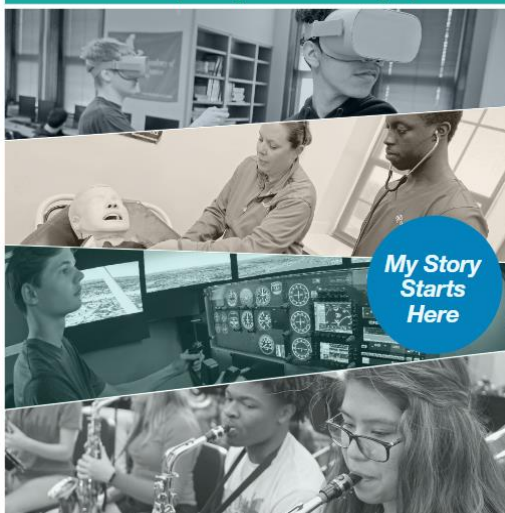




## Buena Vista Career Pathways

The Omaha Public Schools College & Career Academies and Pathways ensure students gain real-world career experience while maintaining the foundation of core classes and access to advanced academics, fine arts and electives. During their Freshman year in the Freshman Seminar course, ***students will select one of nine career pathways at Buena Vista High School. During their 10<sup>th</sup> – 12<sup>th</sup> grade year, they will take a minimum of one elective class per year inside of that selected pathway.***

Expanding access. Elevating expectations.





## SMART TECHNOLOGY PATHWAYS / CAMINOS DE TECNOLOGÍA INTELIGENTE

During their Freshman year in the Freshman Seminar course, students will select one of nine career pathways at Buena Vista High School. During their 10th – 12th grade year, they will take a minimum of one elective class per year inside of that selected pathway.  
Durante su primer año en el curso de Seminario para estudiantes de primer año, los estudiantes seleccionarán una de las nueve trayectorias profesionales en Buena Vista High School. Durante su año de 10º a 12º grado, tomarán un mínimo de una clase optativa por año dentro de esa vía seleccionada.

**ARTIFICIAL INTELLIGENCE, VIRTUAL REALITY, & NANOTECHNOLOGY**  
INTELIGENCIA ARTIFICIAL, REALIDAD VIRTUAL Y NANOTECNOLOGÍA

**SOFTWARE DESIGN & APP DEVELOPMENT**  
DISEÑO DE SOFTWARE Y DESARROLLO DE APLICACIONES

**CYBERSECURITY**  
LA SEGURIDAD CIBERNÉTICA

**FRESHMAN SEMINAR**  
SEMINARIO DE PRIMER AÑO  
Grade 9

**FOUNDATIONS OF COMPUTING 1-2**  
FUNDAMENTOS DEL CUIDADO DE LA SALUD  
Grade 10

**INTRO TO ARTIFICIAL INTELLIGENCE (S)**  
INTRODUCCIÓN A LA INTELIGENCIA ARTIFICIAL

**INTRO TO VIRTUAL REALITY (S)**  
INTRODUCCIÓN A LA REALIDAD VIRTUAL

**AP COMPUTER SCIENCE PRINCIPLES**  
PRINCIPIOS DE CIENCIAS INFORMÁTICAS AP  
Grade 11

**HONORS CYBERSECURITY 1-2**  
CIBERSEGURIDAD DE HONORES 1-2  
Grade 11

**TECHNOLOGY & INNOVATIONS**  
TECNOLOGÍA E INNOVACIONES  
Grade 12

**SOFTWARE DEVELOPMENT 1-2**  
DESARROLLO DE SOFTWARE 1-2  
Grade 12

**CYBERSECURITY 3-4**  
CIBERSEGURIDAD 3-4  
Grade 12

**H ALGEBRA 3-4**  
ÁLGEBRA DE HONOR 3-4

**MUSIC TECHNOLOGY**  
TECNOLOGÍA MÚSICA

**AP PRECALCULUS**  
PRECÁLCULO AP

**AP CALCULUS**  
CÁLCULO AP

**COMPUTER GRAPHIC DESIGN**  
DISEÑO GRÁFICO POR COMPUTADORA  
All Levels

**SOCIOLOGY (S)**  
SOCIOLOGÍA

**PSYCHOLOGY (S)**  
PSICOLOGÍA

**DATA SCIENCE (MCC)**  
CIENCIA DE DATOS  
MCC CAREER ACADEMY PROGRAM - REQUIRES ADDITIONAL APPLICATION

**CERTIFIED NURSING ASSISTANT (CNA)**  
ASISTENTE DE ENFERMERA CERTIFICADO  
OPS CAREER CENTER REQUIRES ADDITIONAL APPLICATION

**DIGITAL VIDEO PRODUCTION**  
PRODUCCIÓN DE VIDEO DIGITAL  
OPS CAREER CENTER REQUIRES ADDITIONAL APPLICATION

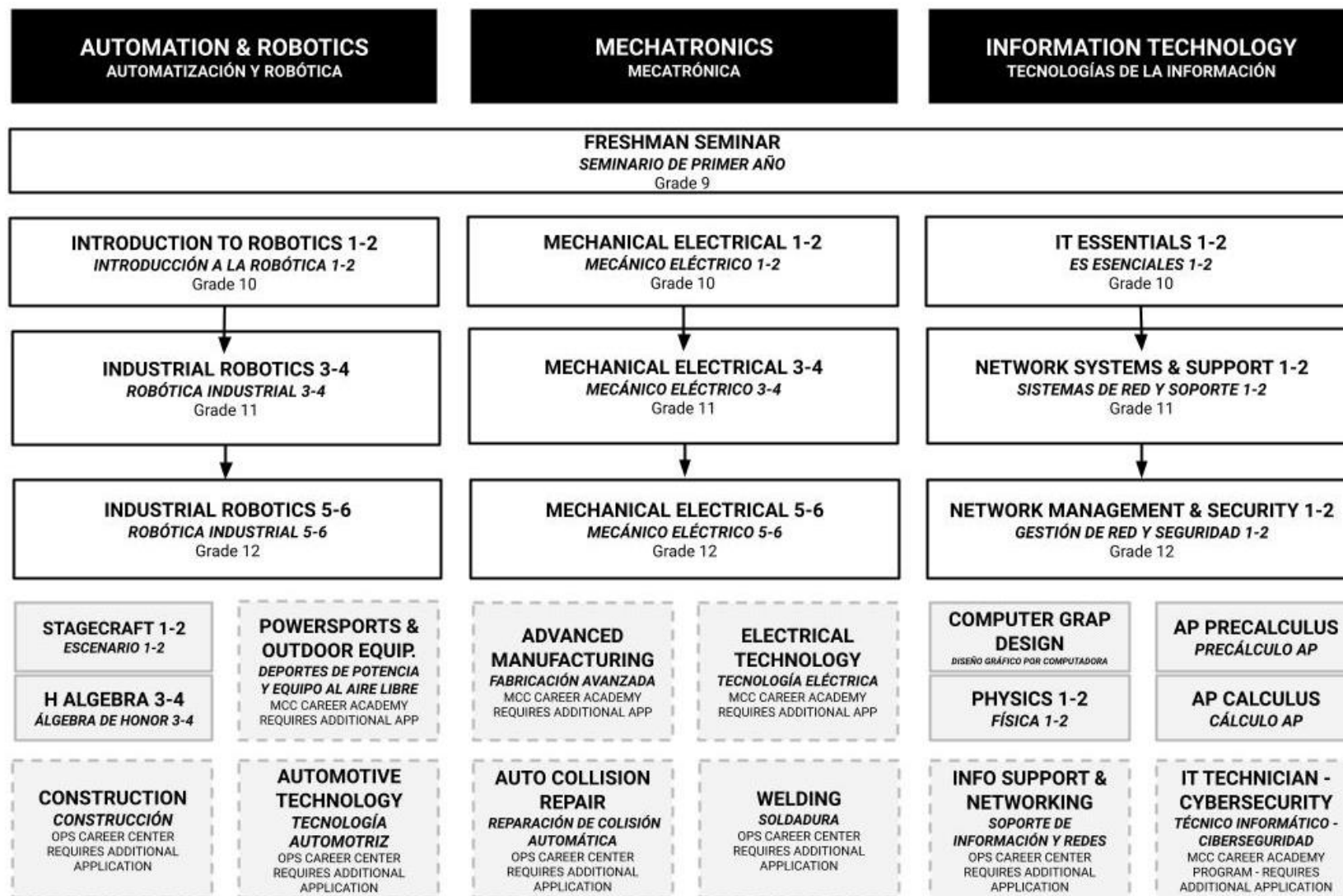
**WEB & MOBILE APP DEVELOP.**  
DESARROLLO DE APLICACIONES WEB Y MÓVILES.  
MCC CAREER ACADEMY PROGRAM - REQUIRES ADDITIONAL APPLICATION

**3D ANIMATION & GAMES (MCC)**  
ANIMACIÓN 3D Y JUEGOS  
MCC CAREER ACADEMY PROGRAM - REQUIRES ADDITIONAL APPLICATION

**INFO SUPPORT & NETWORKING**  
SOPORTE DE INFORMACIÓN Y REDES  
OPS CAREER CENTER REQUIRES ADDITIONAL APPLICATION

**IT TECHNICIAN - CYBERSECURITY**  
TÉCNICO INFORMÁTICO - CIBERSEGURIDAD  
MCC CAREER ACADEMY PROGRAM - REQUIRES ADDITIONAL APPLICATION







**\*Customize Your Pathway:** The Customize Your Pathway is designed for students interested in a high-skill, high-wage and in-demand career not covered by a current pathway offered at BV. Students and families may collaborate with school staff to organize a series of existing courses into a pathway aligned with their goals after graduation. *Examples of what Customize Your Pathway might look like include:*

VOCAL ARTS	BUSINESS MANAGEMENT	CRIMINAL JUSTICE	PRE-MED	CAMBRIDGE AICE DIPLOMA	JROTC MILITARY SCIENCE
TREBLE CHORUS (9)		BIOLOGY (9)	H BIOLOGY (9)		LET 1 (9)
CONCERT CHOIR (10)	BMIT / ENTREPRENEURSHIP (10)	PSYCHOLOGY & SOCIOLOGY (10)	H CHEMISTRY MED TERM / HEALTH CARE (10)	H ELA 3-4 CAMBRIDGE GENERAL PAPER (10)	LET 2 BEG MARKSMANSHIP (10)
H CONCERT CHOIR H SHOW CHOIR (11)	MARKETING 1-2 (11) + FBLA	JUVENILE LAW & JUSTICE (11)	ANAT & PHYS CAMBRIDGE PSYC (11)	GLOBAL PERSPECTIVES (11)	LET 3 INT MARKSMANSHIP (11)
CHAMBER CHORUS H SHOW CHOIR (12)	ACCOUNTING 1-2 (12) + FBLA	FORENSIC SCIENCE 1-2 (12)	AP BIOLOGY AP CHEMISTRY (12)	7+ CAMBRIDGE COURSES (incl Gen Pap and Globe Per)	LET 4 ADV MARKSMANSHIP (12)

Any of the Career programs through the Omaha Public Schools Career Center and the Metro Community College Career Academy Programs, assuming that the student participates for consecutive years to complete a Career thread.





# Omaha Public Schools Career Center



## DISCOVER YOUR FUTURE!

CONNECTING TODAY'S STUDENTS WITH  
TOMORROW'S CAREERS

### CONTACTS

Jeremy Nielsen  
Principal / Director

531-299-9505

jeremy.nielsen@ops.org

Career Center Office - Brenda Davis

531-299-0330

brenda.davis@ops.org

<https://www.ops.org/careercenter>

### OVERVIEW

Who: Sophmores, Juniors & Seniors

What: Pathway course @ Career Center  
(2-3 year pathway sequences)

When: Application opens December 1  
Application closes March 29  
\*Late additions by April 30

How: QR Code & Emailed to all OPS Students  
Linked on social MEDIA sites and

Website: <https://www.ops.org/careercenter>

Requirements: On track for graduation,

### SCHEDULE

Aligns to HS Bell Schedules

Aligns with A/B Block Schedule

Morning and Afternoon classes

### TRANSPORTATION

Bus Transportation provided by  
school district.

\*Students need approval to drive a  
personal car with proof of valid  
driver's license. Permission form is  
at Career Center and must be signed  
by parent and home school  
administrator

### CAREER CENTER PATHWAYS INFORMATION

#### 5 - Trades / Skilled & Technical Sciences Pathways.

Automotive Tech, Automotive Collision, Construction, Electrical, & Welding  
introduce students to respective careers in the trades. Students will gain  
strong foundational proficiency and skills through a 2-3 year course  
sequence. Student outcomes in each pathway include industry  
certifications, internships and apprenticeships, college credit, and more.

#### 2 - Health Pathways.

Basic Nursing Assistant (CNA) and Emergency Medical Technician (EMT)  
Introduces students to careers in health and therapeutic services fields.  
Both programs are approved by the State of Nebraska. Students have  
access to job shadows, simulations, field experiences and more! The  
culmination for students is earning the nationally recognized industry  
credential.

- CNA students must be 16 by May of the calendar year
- EMT students must be seniors

#### 2 - I.T. / Communications Pathways.

IT PC Repair & Networking and Digital Video Production (DVP)  
Introduces students to a careers in IT / Communication fields.

Students have access to college credit, certifications,  
simulations, field experiences and more! Students work with  
specialized equipment and advanced technology in these  
pathways. Both pathways have 2-3 year course sequences.

FOR MORE INFO or DETAILS - Pathway Booklet QR link

Pathway  
Information



### APPLICATION INFORMATION

#### One Response Per Student

#### Prior to applying

Before beginning the application, students need to  
know the following information.

- Personal Information
  - Home address & Home School
  - Student ID number
  - GPA
  - School issued email address
  - Career Aspirations
  - Counselor name & email
- The Pathway/Course you are Interest in..
  - Auto Tech - Auto Collision - Construction
  - Electrical - Welding - IT/Networking
  - CNA - EMT - Digital Video Production

APPLICATION QR link



#### Automotive Technology

- (10, 11, 12) 2 Credits/Semester
- Work on domestic and foreign cars and trucks in a high-tech precision industry
- Use the same advanced diagnostic and hand tool equipment as industry professionals to troubleshoot complex automotive systems.
- Maintain, repair, and fine-tune a wide range of vehicle engine performance alongside ASE technicians.

#### Automotive Collision Repair

- (10, 11, 12) 2 Credits/Semester
- Develop skills and techniques used by professional in assembly, disassembly and non-structural repair.
- Repair, remove and replace auto body parts.
- Professionally apply undercoat, paint and topcoat to create a professional finish.

#### Construction

- (10, 11, 12) 2 Credits/Semester
- Operate a wide range of hand and power tools for residential and commercial projects.
- Develop important hands-on skills in the areas of estimating, framing, interior and exterior work.
- Work alongside professional mentors from architecture, construction and engineering fields.

#### Electrical Systems Technology

- (10, 11, 12) 2 Credits/Semester
- Advance with industry recognized skills through the Omaha Joint Electrical Apprenticeship and Training Committee program.
- Install electrical fixtures according to blueprints and schematics.
- Gain industry recognized skills from residential and commercial wiring projects and internship.

#### Welding

- (10, 11, 12) 2 Credits/Semester
- Apply multiple welding techniques to join, cut or manipulate metal.
- Develop a wide variety of techniques for high wage, high demand careers.
- Experience hands-on instruction to enhance critical thinking and problem solving skills.

DISCOVER YOUR  
FUTURE!

#### Certified Nursing Assistant

- (Must be 16 by course completion)
- (11, 12) 2 Credits/Semester
- Prepare for a high demand career field by completing the requirements for the State of Nebraska Certified Nursing Assistant Certification.
- Obtain skills through immersion in multiple aspects of the art and science of healthcare.
- Work alongside experienced registered nurses in a

#### Emergency Medical Technician

- (Must be 16 by course completion)
- (12) 2 Credits/Semester
- Attain essential life saving techniques critical for a career in emergency medicine.
- Complete the requirements for the national registry EMT license.
- Assess, stabilize, and transport patients during clinical experiences with certified professionals.

#### Information Support & Networking

- (10, 11, 12) 2 Credits/Semester
- Prepare for a career in the diverse field of information technology.
- Earn CompTIA A+, Network+ & Security+ Certifications
- Troubleshoot, diagnose and repair personal computers, networks and security apparatus.

#### Digital Video Production

- (10, 11, 12) 2 Credits/Semester
- Operate specialized equipment to create professional video and film productions.
- Showcase skills in multiple video, film, and broadcast news competitions.

#### UNMC High School Alliance

- (11, 12) 2 Credits/Semester
- Experience unique and innovative science classes that are taught in partnership by UNMC faculty and certified high school teacher on the UNMC campus.

#### Access UNMC High School Alliance

Application: <https://www.unmc.edu/alliance/>

#### Zoo Academy

- (11, 12) 2 Credits/Semester
- Experience unique and innovative science classes that are taught in partnership by certified high school teachers on the Henry Doorly Zoo campus.

#### Access Zoo Academy Application:

<https://www.omahazoo.com/zoacademy>





## OPS MCC Math Dual Enrollment

MCC's Career Academy program is designed to provide high school juniors and seniors with opportunities to jumpstart their postsecondary education. MCC Career Academies increase student knowledge in various career fields prior to high school graduation, so more informed career choices can be made. Through a MCC Career Academy, 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.

### CAREER ACADEMIES BY LOCATION - \*\* INDICATES 2<sup>ND</sup> YEAR AVAILABLE

#### FORT OMAHA CAMPUS

Architecture	Data Science	Pre-Apprenticeship Plumbing
Civil Engineering	Electrical Technology **	Prototype Design
Construction Technology**	Heating Air and Refrigeration**	Web and Mobile App Development**
Culinary Arts	Horticulture, Land Systems and Management	Welding Technology**

#### SOUTH OMAHA CAMPUS

Administrative Technology	Advanced Manufacturing**	Emergency Medical Responder (EMR)
Automotive Collision**	Certified Nursing Assistant (CNA)	IT Technician - Cyber Security**
Automotive Technology	(CNA Academy is not eligible for OPS Credit)	Powersports and Outdoor Equipment

#### ELKHORN VALLEY CAMPUS

Digital Cinema/Filmmaking	Photography	Diesel Technology**	Fire Science**
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#### APPLIED TECHNOLOGY CENTER

#### SARPY CENTER

Business Transfer**	Early Childhood Education	3-D Animation and Games
Criminal Justice	Human Services	

#### ONLINE

#### OMAHA COMMUNITY PLAYHOUSE

Theater Technology - if accepted will require an additional application for OCP

\*CAREER ACADEMY LOCATIONS SUBJECT TO CHANGE

### To Apply for a Career Academy:

Applications are available December 1, 2023 from your high school counselor, and online at [www.mccneb.edu/careeracademy](http://www.mccneb.edu/careeracademy). All applicants must complete an application for MCC prior to submitting their Career Academy application. Application can be completed at [www.mccneb.edu/apply](http://www.mccneb.edu/apply).

Please submit the application to [secondarypartnerships@mccneb.edu](mailto:secondarypartnerships@mccneb.edu).

**Application Deadline: March 8, 2024.**

#### QUESTIONS:

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

- Your high school counselor
- Secondary Partnerships 531-MCC-2213 or [secondarypartnerships@mccneb.edu](mailto:secondarypartnerships@mccneb.edu)

OPS MCC Math Dual Enrollment is a program offered through Metropolitan Community College and is designed to equip high school students with the math skills necessary to earn an associate's degree. Students attend an MCC Math class as part of their regular high school schedule, however, the course is a self-paced curriculum delivered in an online format with the support of certified teachers. Upon successful completion, students will have earned both OPS high school credit as well as Metropolitan Community College credits.

### Courses Available:

MCC Course Title	OPS Course Title (Course Number)	OPS Credit Type	MCC Credit Equivalence
MATH 0910* – Pre-Algebra	This course is included in both MCC Business Math 1220 and MCC Technical Math 1240	*	4.5 credits
MATH 1220 – Business Mathematics OR MATH 1240 – Technical Mathematics	MCC Business Math 1220 (049501/049502) OR MCC Technical Math 1240 (049511/049512)	2 Math (1 per semester)	4.5 credits

\*Proficiency with course content from Math 0910 is required before engaging with Math 1220 or Math 1240 content. Students may place out of this course based on a pre-test score.

### How do students register?

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

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

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

### Are there any fees?

There are no fees for students. The cost of the course and dual enrollment is funded local Foundation and State funds. The cost equivalent that is covered by the funder is approximately \$750.

### What is dual enrollment?

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

### Are all MCC Modular Math students dual enrolled?

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

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

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

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

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



