

# Evergreen Park Community High School

## 2025-26 Course Description Catalog



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Michael Thomas, Science/PE/DE

## **Counseling Staff**

Veronica Almendarez  
Eileen Durkin  
Thomus Eisenbraun

## STUDENT GUIDE TO COURSES

Message to Students and Parents/Guardians:

This course Description Catalog is your "guide" for helping the students of Evergreen Park Community High School to intelligently plan a program of studies that will meet their educational/career goals. Students, parents, and counselors will work together to choose courses that meet the student's individual needs and abilities. Early planning becomes increasingly more important as greater demands are placed on high school graduates. Careful preparation is essential for students planning to attend college, vocational school, armed forces, as well as for students who choose to enter the world of work following high school. Both the student and parents/guardians will be required to sign the course selection sheet prior to registration. Student-initiated schedule changes will be determined at the discretion of the counseling staff.

Please join us in our commitment to academic excellence. The opportunities are here!

Mr. Matthew Dugan, Principal  
Mr. Thomas O'Malley, Superintendent

## MISSION STATEMENT

Our mission is to create a diverse learning environment that fosters lifelong learning, maximizes educational opportunities for all students, and lays the foundation for respectful, responsible citizenship.

## VISION STATEMENT

EPCHS graduates:  
Embrace lifelong learning  
Value physical and emotional health  
Give back to their community  
Achieve their full potential  
Inspire those around them

## EPCHS STRATEGIC OBJECTIVES

### 1. Student Achievement

Improve student achievement for all learners *as evidenced by* progress monitoring, local assessments, standardized test scores, graduation rate, and post-secondary achievement.

### 2. Finance

Demonstrate fiscal responsibility *as evidenced by* a balanced budget, adequate fund balances, and financial recognition from the Illinois State Board of Education.

### 3. Parental Involvement

Increase parental involvement *as evidenced by* enhanced interaction between school and home and more active parent participation in educational and co-curricular activities.

### 4. Communication/Perception

Improve the perception of EPCHS in the community *as evidenced by* positive public relations, increased media exposure, and innovative community education.

### 5. Facilities/Technology

Ensure that the physical and technological systems are safe, efficient, and conducive to learning *as evidenced by* planned facility renovations, appropriate technological upgrades, and environmental awareness.

## INTRODUCTION

The Board of Education is committed to educating each student to his/her fullest potential. Learning, interpreted as an active process of positive change, is the purpose of the entire school. The school seeks to develop students' minds and hands and to prepare students for lifelong learning, inquiry, and service to family, community, and mankind.

The Board of Education and administration expects students, in consultation with their parents/guardians and counselors, to select courses of study that will qualify them upon graduation from high school to enter an occupation and/or an institution of higher learning. The Board of Education and administration insists that students set goals to be achieved through their high school studies in order to have post high school career/study options available.

All courses in the curriculum are offered to all students without regard to race, color, national origins, sex, or disability.

## GRADUATION REQUIREMENTS

Class of 2024 and beyond

	REGULAR	STEAM <sup>6</sup>
English <sup>1</sup>	4 credits	4 credits
Mathematics	3 credits	4 credits
Science	3 credits	3 credits
Social Studies <sup>2</sup>	2 credits	2 credits
Physical Education & Health	4 credits (must pass Health)	4 credits (must pass Health)
Financial Literacy in the 21st Century <sup>3</sup> and Civics in the 21st Century <sup>4</sup>	1 credit (must pass the Constitution exam)	1 credit (must pass the Constitution exam)
Electives (required)	4.5 credits	6.5 credits
Fine Arts		1 credit
Computer Concepts & Literacy <sup>5</sup>	.5 credit	.5 credit
Total Credits required for graduation	22 credits	26 credits

<sup>1</sup> The first intensive writing requirement is met in the second term of English 3/Composition.

<sup>2</sup> The second intensive writing requirement is met in Human Geography.

<sup>3</sup> The Consumer Education requirement is fulfilled in Financial Literacy in the 21st Century.

<sup>4</sup> All students must pass exams based on the Constitution of the U.S. and the State of Illinois, and also complete the citizenship component of the U.S. Government course by completing a service learning project within the course. This course meets the PA99-0434 course content requirements including current and controversial issues discussions, service learning, and democratic simulations.

<sup>5</sup> Beginning with the class of 2026, students are required to take Computer Concepts & Literacy. Essential level students are exempt from Computer Concepts and Literacy as the standards are embedded into English courses.

<sup>6</sup> To earn a STEAM Diploma, a student must complete the courses above, have a cumulative GPA of 3.0, and successfully complete the STEAM Competition during their 9th-11th grade science classes. (The classes of 2024 and 2025 have adjusted STEAM Competition goals due to the cancellation of the STEAM Competition in 2020-2022. Students will be given an exemption for those years for the STEAM Diploma requirement.)

# Academic Policies and Procedures

## College Entrance Recommendations

Students who plan to attend college should check admission requirements for the institutions in which they are interested. The Illinois Board of Education has set minimum entry requirements for all Illinois public colleges and universities. The following coursework is required:

- 4 credits of English
- 3 credits of Mathematics
- 3 credits of Science
- 3 credits of Social Science
- 2 credits of electives in World Languages, CTE, Music, or Art

Although World Language is not required for admission for all colleges, many colleges and universities require two years. Some state institutions may waive World Language requirements if a student has completed four courses of a World Language with a "C" or above. Highly competitive colleges and universities require four years of Mathematics.

The Naviance program is used at EPCHS and is intended to guide students through college and career planning. Through the Naviance program and with the guidance of counselors, students continuously explore college and career options to best prepare for their post-secondary plans.

## Advanced Placement

EPCHS participates in the Advanced Placement Program offered by the College Board. AP courses provide students an opportunity to take a college level course and obtain high school credit. All AP courses at EPCHS follow a college-level curriculum established by the College Board. By performing sufficiently on the AP exam, students may also obtain college credit, depending on the college or university.

AP courses offered to students include:

- |                               |                                  |
|-------------------------------|----------------------------------|
| • AP Human Geography          | • AP Biology                     |
| • AP U.S. History             | • AP Chemistry                   |
| • AP Psychology               | • AP Environmental Science       |
| • AP Seminar*                 | • AP Physics C - Mechanics       |
| • AP Research*                | • AP Computer Science Principles |
| • AP Language & Composition   | • AP Music Theory                |
| • AP Literature & Composition | • AP Art History                 |
| • AP Precalculus              | • AP Studio Art                  |
| • AP Calculus AB              | • AP Spanish Language & Culture  |
| • AP Statistics               | • AP World History               |

Students who enroll in these courses are required to sit for the AP exam in May. Students may choose to take an AP exam offered by the College Board, but not offered by the school. Students who wish to take an AP exam for a course not offered by EPCHS must notify their counselor in writing by November 1.

\*Students who earn scores of 3 or higher in AP Seminar and AP Research and on four additional AP Exams of their choosing receive the AP Capstone Diploma™. Students who earn scores of 3 or higher in AP Seminar and AP Research but not on four additional AP Exams receive the AP Seminar and Research Certificate™.

## Dual Credit

The Early College Dual Credit Program allows students to enroll in select courses and take them at their high school as part of their regularly scheduled day. In doing so, students simultaneously earn college credit and high school credit. Dual credit classes are college-level courses taught by teachers who have met specific requirements that qualify them to teach at the college level. Current dual credit courses available are:

- Accounting 1
- Microsoft Applications/MOS Certification
- Computer Concepts & Literacy
- Computer Maintenance & Repair
- Web Page Design and Publishing (HTML and CSS)
- Small Business Management
- College Writing 1
- Differential Calculus (AP)
- Integral Calculus (AP)
- AP Precalculus
- Calculus Honors
- AP Psychology
- AP Music Theory
- Graphic Design

Students must register at Moraine Valley Community College or South Suburban Community College at the beginning of the term when enrolled in dual credit courses. Students who receive a grade of "C" or above will be eligible to receive dual credit. More information will be provided by the EPCHS instructor.

## Dual Enrollment

Dual enrollment courses are available to senior students. These students have a hybrid schedule in which they spend part of their school day at EPCHS and the other part attending a class at Moraine Valley Community College. The dual enrollment program opportunities are:

- American Sign Language (ASL)
- Basic Nurse Assistant Training (BNAT)
- Emergency Medical Technician (EMT)
- Heating and Air Conditioning (HVAC)
- Welding

Courses are subject to change and additional course options may become available if determined in accordance with the agreement between EPCHS and MVCC. Tuition and fees must be paid to MVCCC, and students are responsible for their own transportation. Dual enrollment registration must be completed in a student's junior year.



## **Section 504 Accommodation Plans**

EPCHS provides Section 504 Accommodation Plans to meet the needs of eligible students. Parents should contact the Director of Special Education for further information.

## **Special Education**

The Special Education Department of Evergreen Park Community High School District 231 is committed to providing support services to all students and will provide each student with disabilities a free and appropriate public education in the least restrictive environment. The courses offered in the Special Education Department align closely with the general education curriculum. Eligibility is determined through the IEP meeting process. Special Education services are available to students who have been identified in one of the following categories: Intellectual Disability, Orthopedic Impairment, Specific Learning Disability, Visual Impairment, Hearing Impairment, Deafness, Deaf-Blindness, Speech/Language, Emotional Disability, Other Health Impairment, Autism, or Traumatic Brain Injury.

Other programs and services are available through the high school's membership in the AERO Special Education Cooperative and our affiliation with the DuPage/West Cook Regional Association. Eligibility is determined through the IEP meeting process. Any questions regarding special education services or Section 504 Plans should be directed to the Director of Special Education.

## **Transfer Students**

Students transferring into Evergreen Park Community High School after the beginning of their freshman year may need to take courses out of the traditional sequence at the discretion of the counselor and the respective division chair.

# Course Offerings

\*Dual credit offerings

## Art

Animation  
Studio Animation  
AP Art History  
AP Studio Art (Drawing, 2-D and 3-D Design)  
Ceramics, Sculpture, Jewelry Design  
Studio Ceramics, Sculpture, Jewelry Design  
Drawing/Painting  
Studio Drawing/Painting  
Graphic Design\*  
Studio Graphic Design  
Introduction to Art  
Photography  
Studio Photography

## CTE - Business

Accounting 1\*  
Accounting 2  
AP Computer Science Principles  
Computer Concepts & Literacy\*  
Computer Maintenance & Repair  
Essential Workplace Strategies 1  
Essential Workplace Strategies 2  
Financial Literacy in the 21st Century  
Introduction to Business  
Introduction to Programming  
Microsoft Applications/MOS Certification\*  
Mobile App Development  
Small Business Management\*  
Web Page Design/Publishing  
Education Internship 1  
Education Internship 2  
Social Media Marketing Internship  
Technology Internship

## CTE - Industrial Technology

Building and Construction Technology  
Engineering & Architectural Design 1  
Engineering & Architectural Design 2  
Materials, Design & Fabrication  
Metals Technology & Fabrication  
Introduction to HVAC  
Tech Concepts  
Construction Internship  
Drafting Internship

## CTE - Additional Internships

Firefighter Internship  
Professional Internship

## English

AP Language & Composition  
AP Literature & Composition  
AP Seminar  
College Writing 1\*  
English 3/Composition  
English 4  
Essential English 1  
Essential English 2  
Essential English 3/Composition  
Essential English 4  
Journalistic Writing & Development  
Pre-AP English 1  
Pre-AP English 1 Honors  
Pre-AP English 2  
English 2 Honors  
Reading 1  
Reading 2  
Transitional English

## Mathematics

AP Precalculus\*  
AP Statistics  
Calculus Honors\*  
College & Career Exploration  
Differential Calculus (AP)\*  
Essential Algebra  
Essential Algebra 2  
Essential Geometry  
Integral Calculus (AP)\*  
Pre-AP Algebra  
Pre-AP Algebra Honors  
Pre-AP Algebra 2  
Pre-AP Algebra 2 Honors  
Geometry with Statistics  
Geometry with Statistics Honors  
Geometry in Construction

## **Music**

Jazz Ensemble  
AP Music Theory\*  
Beginning Band  
Color Guard  
Lunch Choir  
Pre-AP A Capella/Concert Choir  
Pre-AP A Capella/Concert Choir (Seniors)  
Pre-AP A Capella/Concert Choir Honors  
Pre-AP Concert Band  
Pre-AP Concert Choir  
Pre-AP Mixed Choir  
Pre-AP Percussion Performance  
Pre-AP Symphonic Wind Ensemble  
Pre-AP Symphonic Wind Ensemble (Seniors)  
Pre-AP Symphonic Wind Ensemble Honors  
Rock Band  
Rock Band 2/Jazz Combo  
Technology in the Performing Arts  
World Music

## **PE/DE/Health**

Driver's Education  
Fit for Life  
Freshman PE  
Health  
Junior/Senior PE  
Junior Leadership Program  
Senior Leadership Program  
Sophomore PE  
Strength & Conditioning  
Advanced Strength & Conditioning

## **Science**

Anatomy & Physiology  
AP Biology  
AP Chemistry  
AP Environmental Science  
AP Physics C – Mechanics  
Earth & Space Science  
Essential Biology  
Essential Earth & Space Science  
Essential Integrated Chemistry/Physics  
Forensic Science  
Physics

Physics Honors  
Pre-AP Biology  
Pre-AP Biology Honors  
Pre-AP Chemistry  
Pre-AP Chemistry Honors

## **Social Studies**

American Law  
AP Human Geography  
AP Psychology  
AP US History  
AP World History  
Civics in the 21st Century  
Essential Human Geography  
Essential US History  
Human Geography  
Psychology  
US History  
Chicago History

## **World Languages**

AP Spanish Language & Culture  
Heritage Spanish 1  
Spanish 1  
Spanish 2  
Spanish 3  
Spanish 4

## **ELL/Bilingual**

ELL Reading  
ELL English 1  
Bilingual Algebra 1  
Bilingual Earth & Space  
Bilingual Human Geography

## **Miscellaneous**

AP Research

## Course Descriptions by Department

In most cases, the courses listed in this catalog are offered each year. However, certain courses are not offered annually due to limited enrollment and courses may be dropped from the schedule due to low enrollment. Course offerings are affected by enrollment and availability of staff.

## Art Education

The art program is intended to serve both the student who has a basic interest in art and will go into subsequent art courses at the college level, and the student who may not receive further art training. Those students who continue to work in the art program will have substantially covered all basic techniques in most areas and will be acquainted with the materials, tools, and equipment that will be used in advanced work. They will be experienced in analyzing art problems in design, composition and the complete process of creating visual representation.

Level 1	Level 2	Level 3
Drawing/Painting	Studio Drawing/Painting	AP Studio Art Drawing, 2-D Design, or 3-D Design
Photography	Studio Photography	
Graphic Design	Studio Graphic Design	
Ceramics, Sculpture & Jewelry	Studio Ceramics, Sculpture & Jewelry	
Animation	Studio Animation	

EPCHS District 231 Dual Credit through South Suburban Community College		
EPCHS Course	SSCC Course	College Credits
Graphic Design	ART-130	3

### INTRODUCTION TO ART

Course #616A

9 weeks, 1/2 Credit

Level: 9-10

Please note: This course is taken in conjunction with Computer Concepts & Literacy.

The Introduction to Art course is designed to meet the needs of all high school students as an entry-level experience into the visual arts. During this course, students will explore methods of creating two-dimensional art while improving their drawing and painting skills. Students will also be introduced to three-dimensional art by the creation of a sculpture. Students will gain experience in a variety of art media such as graphite, color pencils, acrylic paints, sculpture, marker, and charcoal.

## **CERAMICS, SCULPTURE, JEWELRY DESIGN**

Course #600

1 Term, 1 Credit

Level: 9-10-11-12

This course will introduce students to creating art of a three-dimensional nature. The beginning of the term, students will explore hand building and wheel-throwing techniques of creating pottery and sculpture from design to final state. The middle of the term will cover the concept of sculpture. Students will create both nonrepresentational and representational three-dimensional forms. The end of the term, students will explore the art of jewelry making. During this class, the student will be introduced to other sculptural media besides clay. This course stresses original creative effort and technical manipulation of ceramics and sculptural materials. An option to begin to develop an AP portfolio in Three-Dimensional Design is available, but not mandatory.

## **STUDIO CERAMICS, SCULPTURE, JEWELRY DESIGN**

Course #612

1 Term, 1 Credit

Level: 10-11-12

**Prerequisite:** Completion of Ceramics, Sculpture, Jewelry Design with a grade of C or above. If a grade lower than C was earned, department chair approval is required.

This course is designed for students who have successfully completed the prerequisite course listed above. There is an emphasis on advanced techniques and skill levels in this course. An option to continue to develop an AP portfolio in Three-Dimensional Design is available but not mandatory.

## **DRAWING/PAINTING**

Course #624

1 Term, 1 Credit

Level: 9-10-11-12

The Drawing/Painting course will provide the students with the opportunity to explore visual self-expression in a variety of two-dimensional drawing media such as graphite and color pencils, charcoal, chalk pastel, and ink, as well as painting media such as oil pastels, watercolors, acrylics, and oils. The students will build upon their knowledge of the Art elements and apply that knowledge to creating advanced-level drawings while learning about the principles of Art. Studies will include observational drawing, color theory, anatomical drawing, realism, abstraction, and portraiture while developing an individual approach to art media and techniques. Students will critically examine prevalent artists and artistic periods throughout the centuries. Students will also learn how to talk about and evaluate works of art, including their own. An option to begin to develop an AP portfolio in Drawing or Two-Dimensional Design is available but not mandatory. *This course will have STEAM incorporated into the projects.*

## **STUDIO DRAWING/PAINTING**

Course #622

1 Term, 1 Credit

Level: 9-10-11-12

**Prerequisite:** Completion of either Drawing/Painting with a grade of C or above or approved portfolio submission. If a grade lower than C was earned, then department chair approval is required.

The Studio Drawing/Painting course will provide the students with the opportunity to explore visual self-expression in a variety of two-dimensional media. The students will build upon their knowledge of the Art elements and principles while developing advanced level approaches to creating artwork. Students will continue to critically examine prevalent artists and artistic periods throughout the centuries and how artwork reflected the society in which it was created. Students will also continue to learn how to talk about and evaluate works of art, including their own. College and/or career preparation will be explored. An option to continue to develop an AP portfolio in Drawing or Two-Dimensional Design is available but not mandatory.

## **GRAPHIC DESIGN**

Course #608

1 Term, 1 Credit

Level: 9-10-11-12

Graphic Design will introduce students to the diverse field of graphic design. Students will learn the skills and techniques necessary to create a wide variety of projects using their knowledge of art and design and various computer programs. Students will explore the history of graphic design, elements and principles of design, typography, and color theory. They will complete various print and multimedia projects such as logo design, product advertisements, photo manipulations and collages, package design, and a simple animation. A digital portfolio will be created throughout the semester to showcase skills and growth. Various computer graphic programs will be utilized including Adobe Illustrator and Adobe Photoshop. An option to begin to develop an AP portfolio in Two-Dimensional Design is available, but not mandatory. This course will have STEAM incorporated into the projects. Students may opt out of this class with a portfolio submission to the art teachers for approval. The portfolio must contain 5 or more pieces of artwork that demonstrate the student competency and skill in the chosen class.

## **STUDIO GRAPHIC DESIGN**

Course #614

1 Term, 1 Credit

Level: 10-11-12

**Prerequisite:** Completion of Graphic Design with a grade of C or above or approved portfolio submission. If a grade lower than C was earned, then department chair approval is required.

This course is designed for students who have successfully completed the prerequisite course listed above. There is an emphasis on portfolio preparation and advanced skill levels in this course. An option to continue to develop an AP portfolio in Two-Dimensional Design is available, but not mandatory.

## **ANIMATION**

Course #606

1 Term, 1 Credit

Level: 9-10-11-12

Animation is designed to meet the needs of any high school students interested in animation and film production. Emphasis will be placed on specific animation genres, the history of animation, animation techniques, film analysis, and animation, as well as character development and creating storylines. In the class, students will strive to develop and create a unique character and original stories. Through the viewing of classic animation through today's modern animated films, students will receive a better understanding of plot, setting, point of view, characterization, theme, and symbolism. Attention is given to writing storyboards that would enable the student to successfully complete an animated short by the end of the class. For the animation portion of the class, students will utilize not only computers and Wacom tablets to render their images, but will also experiment in older animation techniques, such as cell animation and stop motion. An option to begin to develop an AP portfolio in Two-Dimensional Design is available, but not mandatory. This course will have STEAM incorporated into the projects. Students may opt out of this class with a portfolio submission to the art teachers for approval. The portfolio must contain 5 or more pieces of artwork that demonstrate the student competency and skill in the chosen class.

## **STUDIO ANIMATION**

Course #605

1 Term, 1 Credit

Level: 10-11-12

**Prerequisite:** Completion of Animation with a grade of C or above or approved portfolio submission. If a grade lower than C was earned, then department chair approval is required.

This course is designed for students who have successfully completed the prerequisite course listed above. There is an emphasis on portfolio preparation and advanced skill levels in this course. This course is student driven. Students pick a field of animation and build a body of work to improve those skills. The possible paths would be digital animator, digital illustrator, stop motion artist, and line and cell animation. An option to continue to develop an AP portfolio in Two-Dimensional Design is available, but not mandatory.

## **PHOTOGRAPHY**

Course #607

1 Term, 1 Credit

Level: 9-10-11-12

The Photography course is designed to be a basic introduction to both the artistic and technical sides of photography through black and white camera work and laboratory procedures. Students will gain an understanding of how an adjustable camera functions in order to properly expose negatives and from these negatives develop high quality prints in the darkroom. Students will also learn to successfully compose photographs making use of the fundamentals of design, lighting techniques, and darkroom manipulation techniques, leading to the understanding of photography as a fine arts media. Effective organizational skills are required because multiple activities are done concurrently. Students will also be incorporating digital photography into the class and learning about Adobe Photoshop as well as Photography as a communicator in social media. This course will have STEAM incorporated into the projects. Students may opt out of this class with a portfolio submission to the art teachers for approval. The portfolio must contain 5 or more pieces of artwork that demonstrate the student competency and skill in the chosen class.

**\*\*Students are required to have or borrow a basic 35MM camera. Students will also need a digital camera, but their iPad can be used. An additional fee of \$75 will be added to the student's bill for printing paper. An option to begin to develop an AP portfolio in Two-Dimensional Design is available, but not mandatory.**

## **STUDIO PHOTOGRAPHY**

1 Term, 1 Credit

Course #613

Level: 10-11-12

**Prerequisite:** Completion of Photography with a grade of C or above or approved portfolio submission. If a grade lower than C was earned, then department chair approval is required.

This course is designed for students who have successfully completed the prerequisite course listed above. There is an emphasis on portfolio preparation and advanced skill levels in this course.

**\*\*Students are required to have or borrow a basic 35MM camera. Students will also need a digital camera, but their iPad can be used. An additional fee of \$75 will be added to the student's bill for printing paper. An option to continue to develop an AP portfolio in Two-Dimensional Design is available, but not mandatory.**

## **AP ART HISTORY**

Course #610

1 Term, 1 Credit

Level: 10-11-12

Advanced Placement Art History is designed for artists and non-artists. AP Art History is an elective course that is designed to be the equivalent of a two-semester college course. It is open to sophomores, juniors and seniors. This class will prepare students for the AP Art History Exam scheduled in May of each year. The curriculum will be mostly chronological in nature with the insertion of significant cultures that were primary influences to western art. It will provide a deep understanding of the social, political, religious and historical cultural events surrounding the specific era in which each piece of art, to be studied, was created.

Students will conclude the course with the skills to analyze a work of art using formal, intrinsic and extrinsic knowledge evaluate the intent of the artist. Students will demonstrate the ability to recognize individual artist's styles and techniques. Finally, they will acquire an appreciation for aesthetic and cultural influences that define the role art plays in the timeline of history. Field trips will be part of the curriculum because they enable students to expand on the concepts learned in class. AP students are encouraged to take the AP College Board exams which are administered in the spring. (Additional exam fee required.)

## **AP STUDIO ART DRAWING, 2-D DESIGN, OR 3-D DESIGN**

1 Term, 1 Credit

Course #623

Level: 10-11-12

**Prerequisite:** Completion of the following art courses: Studio Ceramics, Sculpture, Jewelry Design, Studio Drawing/Painting, Studio Graphic Design, Studio Animation, or Studio Photography with a grade of C or above. If a grade lower than C was earned, department chair approval is required.

AP Studio Art is designed to meet the needs of any high school student who plans to major in Art in college or Art school, and is committed to the preparation of an Advanced Placement Studio Art Portfolio in Drawing, 2-D Design or 3-D Design. Emphasis will be placed on demonstrating how the arts can shape and reflect ideas, issues or themes in society, while determining and evaluating how tools/technologies and processes combine to convey meaning. Through studio practice, application of design concepts, and informed decision making, students will assemble a body of artwork that demonstrates a high level of quality and growth over time. Continued focus will be on using the elements of art (line, shape, form, value, texture, space, and color) and the principles of art (balance, rhythm, contrast, movement, emphasis, pattern, and unity) to organize and convey meaning in digital/graphic, drawn, painted, photographic, and/or sculptural/ceramic works while developing mastery in concept, composition, and execution of Drawing, 2-D Design, or 3-D Design. Students will address the two components in their portfolios: Selected Works and Sustained Investigation. Students will submit this body of work to the College Board for grading and possible college credit. AP students are encouraged to take the AP College Board exams which are administered in the spring. (Additional exam fee may be required.)



# Career & Technical Education - Business

Business education is important for all high school students. Its subjects help the students discover their strengths, weaknesses and interests, which in turn guide their high school endeavors. The skills gained may make possible the chance to obtain entry-level positions after high school, or they may assist students to earn extra money while attending college.

EPCHS District 231 CTE Dual Credit through MVCC		
EPCHS Course	MVCC Course	College Credits
Accounting 1	OSA-249 Accounting for Office Professionals	3
Microsoft Applications/MOS Certification	OSA-145 Microsoft Word	3
Web Page Design/Publishing	CIS-151 Website Development: HTML & CSS	3
Computer Concepts & Literacy	CIS-115 Microsoft Office 1	3
Computer Maintenance & Repair	LAN-101 (1), LAN-111 (3)	4
Small Business Management	BUS-105	3

## COMPUTER CONCEPTS & LITERACY

Course #525A, 525B, 525C

9 Weeks, 1/2 Credit

Level: 9-10

Please note: This course is taken in conjunction with Intro to Art, Intro to Business, Tech Concepts, or Technology in the Performing Arts.

Computer Concepts & Literacy is a state-required course that provides students the chance to develop basic keyboarding skills along with learning and applying Microsoft Office concepts to the production of documents such as letters, memos, reports, and tables used in school and personal life. Internet research concepts and online databases will also be applied to developing projects. Students will understand the fundamental concepts of operations of various technology devices, data management and security, multimedia, software applications, and collaboration tools. They also will leverage technology to set and demonstrate competency in their learning goals.

## **COMPUTER MAINTENANCE & REPAIR**

Course #545

1 Term, 1 Credit

Level: 9-10-11-12

**Please note:** Students have the option to earn dual credit through MVCC for LAN-101 and LAN-111 for this course. If choosing the dual credit option, students must earn a C or above to receive college credit and an additional fee is required.

Computer Maintenance and Repair is a hands-on, career-oriented e-learning solution with an emphasis on practical experience to help students develop fundamental computer skills, along with essential career skills. Students will have the opportunity to physically assemble computer systems, and install software operating systems in this course. Students also have access to virtual computer systems to work on. The Cisco® IT Essentials curriculum helps students prepare for entry-level ICT career opportunities and the CompTIA A+ certification, which helps students differentiate themselves in the marketplace to advance their careers. In addition, the course provides a learning pathway to the Cisco CCNA® Discovery and CCNA Exploration curricula.

## **MICROSOFT APPLICATIONS/MOS CERTIFICATION**

Course #522

1 Term, 1 Credit

Level: 9-10-11-12

**Please note:** Students have the option to earn dual credit through MVCC for OSA 145 Microsoft Word for this course. If choosing the dual credit option, students must earn a C or above to receive college credit and an additional fee is required.

This course is designed to provide detailed instruction on the use of the Microsoft Office Suite. Course content will focus upon word processing, spreadsheets, charts, and PowerPoint. The students will cover the skills needed to complete computer assignments and projects throughout high school and college. It will also prepare students for initial employment by developing a working knowledge of software applications to accomplish tasks typically performed in business. Students will have the opportunity to take the *Microsoft Office Specialist (MOS)* certification test. With an emphasis on hands-on, independent learning, this course is highly recommended for all college-bound students and those who plan to enter today's competitive job market.

## **INTRODUCTION TO BUSINESS**

Course #527

1 Term, 1 Credit

Level: 9-10-11-12

This course will provide the student with the opportunity to develop concepts, attitudes, and ideas about the nature of business and the environment in which it operates. Types of business ownership, management, marketing, personal finance management, accounting, human resources, technology, ethics and other related topics are covered.

## **SMALL BUSINESS MANAGEMENT**

Course #548

1 Term, 1 Credit

Level: 10-11-12

Prerequisite: Completion of Introduction to Business with a C or above

Please note: Students have the option to earn dual credit through MVCC for BUS-105 for this course. If choosing the dual credit option, students must earn a C or above to receive college credit and an additional fee is required.

Small Business Management will provide students with the knowledge and skills necessary to start, operate, and grow a small business. Students will learn about the different aspects of business ownership, including marketing, finance, and human resources. They will also have the opportunity to develop their own business ideas, create a business plan, and operate a virtual business. The course is designed with a skills-based approach and focuses on communication (oral, written, non-verbal and listening), problem-solving, ethical reasoning, teamwork, decision-making, conflict resolution, and critical analysis.

## **ACCOUNTING 1**

Course #534

1 Term, 1 Credit

Level: 9-10-11-12

Please note: Students taking this course have the option to earn dual credit through MVCC for OSA-249 Accounting for Office Professionals. If choosing the dual credit option, students must earn a C or above to receive college credit and an additional fee is required.

The study of accounting will give the student a general knowledge of the vocabulary of business and an understanding of basic business procedures. The fundamental principles of accounting will be applied to the single proprietorship of business. Students study the techniques involved in systematically preparing neat, accurate records in accordance with the principles of double-entry bookkeeping. Systems for cash control, sales, and purchases of merchandise on account are studied.

## **ACCOUNTING 2**

Course #535

1 Term, 1 Credit

Level: 9-10-11-12

Prerequisite: Successful completion of Accounting 1

Accounting 2 is an advanced accounting course that provides the student with further skills in applying principles learned in the first course. It acquaints students with methods used in various business situations so that they are able to assume a more responsible position in the business world. The contents of this course are departmental and managerial accounting practices and accounting for multi-store businesses, decision-making procedures, accounting procedures to control costs, revenue and expenses, and applying the manual accounting principles learned on the microcomputer.

## **INTRODUCTION TO PROGRAMMING**

Course #519

1 Term, 1 Credit

Level: 9-10-11-12

Introduction to Programming is a semester-long course that empowers students to engage with computer science as a medium for creativity, communication, problem solving, and fun! The course takes a wide lens on computer science by covering topics such as problem solving, programming (HTML, Java, Python), physical computing, user centered design, and data, while inspiring students as they build their own websites, apps, animations, games, and physical computing systems.

## **WEB PAGE DESIGN/PUBLISHING**

Course #530

1 Term, 1 Credit

Level: 9-10-11-12

Please note: Students taking this course have the option to earn dual credit through MVCC for **CIS-151** Website Development: HTML & CSS. If choosing the dual credit option, students must earn a C or above to receive college credit and an additional fee is required.

This course provides hands-on learning experiences in web page authoring and publishing using state-of-the-art HTML editors. Future web designers will use HTML format fonts, create bulleted lists, insert hyperlinks, cascading style sheets and tables. The creation and maintenance of personal, corporate, and educational websites will be enhanced through utilization of graphics and desktop publishing software.

## **MOBILE APP DEVELOPMENT**

Course #529

1 Term, 1 Credit

Level: 9-10-11-12

"There's an app for that." Not only have Apple iOS apps become a natural and essential part of our daily lives, but software development careers are some of the most highly paid in a fast growing job market. Students will build real iOS apps using Apple's tools (the tools developers use in the real-world). They will learn professional software design using the Swift programming language. Beginning with the fundamentals, students will be guided through the development of a variety of apps of growing complexity, culminating in the development of a custom app of their own design. While geared towards the beginning programmer, this course requires a high level of personal dedication in order to successfully master the challenging concepts that are covered.

## **AP COMPUTER SCIENCE PRINCIPLES**

Course #546

1 Term, 1 Credit

Level: 10-11-12

**Prerequisite:** Completion of Pre-AP Algebra or Pre-AP Algebra H with a grade of C or above. Any significant computer science course builds upon a foundation of mathematical and computational reasoning that will be applied throughout the study of the course.

The AP Computer Science Principles course is designed to be equivalent to a first-semester introductory college computing course. In this course, students will develop computational thinking skills vital for success across all disciplines, such as using computational tools to analyze and study data and working with large data sets to analyze, visualize, and draw conclusions from trends. The course is unique in its focus on fostering student creativity. Students are encouraged to apply creative processes when developing computational artifacts and to think creatively while using computer software and other technology to explore questions that interest them. They will also develop effective communication and collaboration skills, working individually and collaboratively to solve problems, and discussing and writing about the importance of these problems and the impacts to their community, society, and the world. AP students will take the AP College Board exam in the spring. (Additional exam fee may be required.)

## **ESSENTIAL WORKPLACE STRATEGIES**

Course #505

1 Term, 1 Credit

Level: 10-11-12

**Prerequisite:** Director of Special Education approval and students with IEP

Essential Workplace Strategies is a comprehensive program designed to provide students with the skills needed to be successful in making the transition from school to work. The content of the course includes career exploration and awareness, basic employee competencies, positive work habits and communication skills. This course will be taught by a special education teacher and includes field experience which may take place inside or outside the building. (Course may be repeated.)

## **EDUCATION INTERNSHIP 1**

Course #536A

9 Weeks, 1/2 Credit

Level: 12

**Prerequisite:** Completed application, Director of Curriculum approval, a cumulative grade point average of 2.50, and enrollment in Education Internship I

This course provides students with hands-on experience in the education field. Students learn the foundations of teaching, including classroom management, education law, curriculum, assessment, and effective instructional strategies. Students are placed into a pre-school, elementary school, or middle school with a cooperating teacher to gather teaching experience, classroom management skills, and lesson planning design. For an optimal learning experience for the student and cooperating teacher/classroom, student attendance is critical.

## **EDUCATION INTERNSHIP 2**

Course #536B

9 Weeks, 1/2 Credit

Level: 12

**Prerequisite:** Completed application, Director of Curriculum approval, a cumulative grade point average of 2.50, and enrollment in Education Internship I

This course is a continuation of Education Internship I, with students continuing their placements in a pre-school, elementary school, or middle school. The focus will shift to educational methodologies, where students will participate in exercises to prepare them for teaching lessons within their placement, practice teaching, and plan and implement lesson plans. Students will develop a portfolio consisting of their teaching activities and experiences as the culminating activity. For an optimal learning experience for the student and cooperating teacher/classroom, student attendance is critical.

## **FINANCIAL LITERACY IN THE 21ST CENTURY**

Course #537

9 Weeks, 1/2 Credit

Level: 12

This course is designed to empower students with knowledge and application of basic financial principles so that they can make sound financial decisions, develop interest in financial management, and foster an understanding and appreciation of ethical money management.

## **SOCIAL MEDIA MARKETING INTERNSHIP**

Course #549

1 Term, 1 Credit

Level: 12

**Prerequisite:** Completed application and recommendation of teacher or Program Coordinator

This course addresses social media as a marketing tool and will explore the development and execution of social media marketing. Topics explored include social media tools, marketing information management, and promotion. Students will develop skills such as collaborating with team members, accomplishing tasks by established deadlines, and making adjustments to achieve better audience engagement.

## **TECHNOLOGY INTERNSHIP**

Course #538

1 Term, 1 Credit

Level: 11-12

Prerequisite: Completed application and recommendation of teacher or Program Coordinator

This course provides students a hands-on opportunity to study technology integration and problem-solving in an educational setting. Students will assess and solve technology problems in the Technology Department Help Desk and throughout the school. In addition to solving immediate problems, students will complete and maintain several ongoing projects that address problems or solutions in the educational setting. Students should be self-motivated, independent learners who have a vested interest in learning and exploring technology.

# CTE - Industrial Technology

Industrial Technology is defined as a group of technical subjects that emphasize the "how" and "why" of industrial materials and occupations and trains students to combine scientific knowledge and mechanical skills to aid him/her to better understand the technical world in which we live. Industrial technology courses are designed to give students some knowledge of common practice in the purchase, use and care of materials and machines, and a practical attitude toward the skilled occupations of our age.

Exploration and appreciation is the aim of industrial education. These subjects will, however, aid a student who pursues special trade training, as well as those who plan to enter technical college after graduation. Students planning an engineering or technical career should include Engineering and Architectural Design and one other course in industrial materials as college preparatory work.

## **TECH CONCEPTS**

Course #809C

9 Weeks, 1/2 Credit

Level: 9-10

Please note: This course is taken in conjunction with Computer Concepts & Literacy.

Technology Concepts is designed for students to explore the basic areas of Industrial Technology. The focus will be on the development of basic skills in building trades, HVAC, and applying metals technology to designing problem-based, real world activities.

## **BUILDING AND CONSTRUCTION TECHNOLOGY**

Course #812

1 Term, 1 Credit

Level: 9-10-11-12

Students will be introduced to the building trades with an emphasis on machine woodworking skills and power machinery used in cabinet making and millwork. Other topics to be covered are: manufacturing, sketching, related math, machine skills, safety, and cooperative work habits. Framing activities will include walls, stair stringers, and rafter design and layout.

## **MATERIALS, DESIGN, AND FABRICATION**

Course #813

1 Term, 1 Credit

Level: 10-11-12

Prerequisite: Building and Construction Technology or Metals, Technology and Fabrication

This is an advanced level course requiring students to complete hands-on activities to further develop an understanding of advanced machine tool, welding, and construction concepts. Computer Numerical Controlled Machining and Computer Aided Design will be essential to these projects. Career pathways in machine tool, pipefitting, sheet metal fabrication, HVAC, and construction will be highlighted.

## **METALS TECHNOLOGY AND FABRICATION**

Course #815

1 Term, 1 Credit

Level: 9-10-11-12

Most of the products used in technical society are made from metal. It is important to have some basic knowledge and understanding of the metalworking processes. Students will be instructed and given practice in the fundamental operations used by metal workers. Study units will include welding, sheet metal work, bench metal, foundry, basic machine operations, and computer controlled machines. Safety will be stressed for both individual and group work.

## **INTRODUCTION TO HVAC**

Course #831

1 Term, 1 Credit

Level: 9-10-11-12

Introduction to HVAC is a survey course that introduces students to the basics of heating and cooling. Students become familiar with tools required for basic maintenance and installation and essential safety practices. This class lays the foundation for potential involvement in the Dual Enrollment HVAC program available through Moraine Valley.

## **ENGINEERING AND ARCHITECTURAL DESIGN 1**

Course #816

1 Term, 1 Credit

Level: 9-10-11-12

This course prepares students for careers that use drawing or materials to create products, machines, or architecture. Activities include sketching, drafting, computer aided design, and model building. This class includes exposure to materials and processes.

## **ENGINEERING AND ARCHITECTURAL DESIGN 2**

Course #817

1 Term, 1 Credit

Level: 9-10-11-12

Prerequisite: Engineering and Architectural Design 1

This course is an advanced extension of Engineering and Architectural Design 1. Students will gain more experience working with 3-D CAD software to design and produce advanced 3-D projects. Topics will include architecture, prototyping, model-making, and 3-D printing.

## **CONSTRUCTION INTERNSHIP**

Course #827

1 Term, 1 Credit

Level: 12

Prerequisite: Successful completion of Technology Concepts and Building and Construction Technology, and completed application

This course provides students an opportunity to gain work experience in a field related to construction. Students leave the building during scheduled blocks and meet with mentors in the workplace. Goals are set cooperatively between the student, teacher, and employer. Students develop employability skills, transition skills, and vocational ethics. Students are required to communicate with the program coordinator weekly and submit multiple written reflections, along with mentor evaluations.

## **DRAFTING INTERNSHIP**

Course #828

**NEW COURSE**

1 Term, 1 Credit

Level: 12

Prerequisite: Successful completion of Technology Concepts, completed application, and recommendation of teacher or Program Coordinator

This course provides students with work experience in a field related to drafting. Students leave the building during scheduled blocks and meet with mentors in the workplace. Goals are set cooperatively between the student, teacher, and employer. Students develop employability skills, transition skills, and vocational ethics. Students are required to communicate with the program coordinator weekly and submit multiple written reflections, along with mentor evaluations.



# Additional Internships

## **PROFESSIONAL INTERNSHIP**

Course #953

1 Term, 1 Credit

Level: 12

**Prerequisite:** Completed application, cumulative GPA of 2.50, teacher recommendation or Program Coordinator approval, and career choice

This course allows students to acquire valuable professional experience and create a network of contacts as they prepare to enter a competitive job market. Students leave the building during scheduled blocks and meet with mentors in the workplace. They must seek out a professional in the community, provide their own transportation, and dress and act appropriately. Students are required to communicate with the program coordinator weekly and submit multiple written reflections, along with mentor evaluations.

## **FIREFIGHTER INTERNSHIP**

Course #952

1 Term, 1 Credit

Level: 12

**Prerequisite:** Completed application and Program Coordinator approval

This course provides students with work experience in a field related to firefighting. Students leave the building during scheduled blocks and meet with mentors in the workplace. Goals are set cooperatively between the student, teacher, and employer. Students develop employability skills, transition skills, and vocational ethics. Students are required to communicate with the program coordinator weekly and submit multiple written reflections, along with mentor evaluations.

## **AERO INTERNSHIP**

Course #540

1 Term, 1 Credit

Level: 12

**Prerequisite:** Completed application and Director of Special Education approval.

**\*\*Selection to the program will be based on a completed application, insurance waiver, attendance, discipline, and cumulative grade point average of 2.50 or higher.**

This course is designed to provide students with a hands-on opportunity to explore a career in special education. The AERO Internship position is for senior students who are interested in developing friendships and mentoring students with cognitive and developmental disabilities. Students who are interested in pursuing teaching students with disabilities as a career should enroll in this course.

## **AERO PE INTERNSHIP**

Course #541

1 Term, 1 credit

Level: 12

**Prerequisite:** Term 1 Aero Internship

Students will assist in the Adaptive PE classroom with the Adaptive PE Program. Students will be assigned to help one student in PE on a daily basis. \*Participation in the AERO PE Internship satisfies a PE Credit.

# English

## Course Sequence

9th Grade	10th Grade	11th Grade	12th Grade
Reading 1 and Pre-AP English 1 <i>OR</i> Pre-AP English 1	Reading 2 and Pre-AP English 2 <i>OR</i> Pre-AP English 2	English 3/Composition  <i>Elective:</i> Journalistic Writing & Composition	Transitional English English 4 College Writing 1  <i>Elective:</i> Journalistic Writing & Composition

## Honors Course Sequence

9th Grade	10th Grade	11th Grade	12th Grade
Pre-AP English 1 Honors <i>OR</i> English 2 Honors	AP Seminar	AP Language & Composition  <i>Elective:</i> Journalistic Writing & Composition	AP Literature & Composition  <i>Elective:</i> Journalistic Writing & Composition

EPCHS District 231 CTE Dual Credit through MVCC		
EPCHS Course	MVCC Course	College Credits
College Writing 1	COM-101 Composition 1	3

## READING 1

Course #050

Level: 9

1 Term, 1 Credit

Prerequisite: Placement test score

This course offers an intensive reading intervention program and is designed to meet the needs of students whose reading achievement is below the proficient level. The course material directly addresses individual needs through adaptive and instructional software, high-interest literature, Informational texts, and direct instruction in reading and writing skills. This course is aligned with the Common Core State Standards in English and Language Arts.

## **ESSENTIAL ENGLISH 1**

Course #039

2 Terms, 1 Credit

Level: 9

Prerequisite: Director of Special Education approval

This course explores literary genres, including short stories, novels, poetry, drama, and nonfiction. Students will be introduced to various stylistic techniques to help them learn strategies to improve reading, writing, listening, and speaking skills. Vocabulary study and explicit reading instruction are integrated into the study of literature and other texts. Differentiated activities will focus on the strategies that allow students to set clear purposes for reading and writing and to help students construct meaning from literary works. This course will be taught by a special education teacher with accommodations and modifications to the general education curriculum. This course follows the College Board Pre-AP framework and is aligned with the Common Core State Standards.

## **PRE-AP ENGLISH 1**

Course #059P

2 Terms, 1 Credit

Level: 9

In this two term class, students will learn various reading strategies. They will explore various literary genres, including short stories, novels, epic poetry, drama, and nonfiction. Vocabulary study, grammar skills, and writing organizational skills will be incorporated throughout the year. Students will learn basic research skills including MLA formatting. This course follows the College Board Pre-AP framework and is aligned with the Common Core State Standards.

## **PRE-AP ENGLISH 1 HONORS**

Course #062P

1 Term, 1 Credit

Level: 9

This is an accelerated program designed to challenge students through an intensive exposure to literature and composition, which emphasizes the use of critical thinking and analytical skills. Instruction will be provided to help students develop superior skill level in the rhetorical modes with particular emphasis on literary analysis. This course follows the College Board Pre-AP framework and is aligned with the Common Core Standards.

## **READING 2**

Course #051

1 Term, 1 Credit

Level: 10

Prerequisite: Placement score and department chair recommendation

This course offers an intensive reading instruction designed to meet the needs of students whose reading achievement is below the proficient level, offering students a continuing opportunity to achieve reading success through a combination of instructional, modeled and differentiated reading activities. Emphasis will be placed on comprehension and fluency of both literature and informational texts, as well as writing, listening, and speaking skills. The course is aligned with the Common Core State Standards in English and Language Arts.

## **ESSENTIAL ENGLISH 2**

Course #041A

2 Terms, 1 Credit

Level: 10

Prerequisite: Essential English 1 or Director of Special Education approval

This course focuses on the study of literature through novels, literary nonfiction, informational text, and poetry, as well as continuation of the sequential vocabulary program. Basic grammar and composition skills are stressed. This course will be taught by a special education teacher with accommodations and modifications to the general education curriculum. This course is aligned with the Common Core State Standards.

## **PRE-AP ENGLISH 2**

Course #061P

2 Terms, 1 Credit

Level: 10

Prerequisite: Pre-AP English 1 course or department chair approval

This course focuses on the study of drama, informational text, literary nonfiction, and excerpts from novels. Vocabulary study and grammar skills will be incorporated throughout the term. Students will receive direct writing instruction in organization and development. Students will also continue to develop basic research skills, including MLA formatting. This course follows the College Board Pre-AP framework and is aligned with the Common Core State Standards.

## **ENGLISH 2 HONORS**

Course #063

1 Term, 1 Credit

Level: 9

Prerequisite: Completion of Pre-AP English 1 Honors Course #062S

This is an accelerated program designed to challenge students through an intensive exposure to literature and composition, which emphasizes the use of critical thinking and analytical skills. Instruction will be provided to help students develop a superior skill level in the rhetorical modes with particular emphasis on research and speaking skills. This course follows the College Board Pre-AP framework and is aligned with the Common Core Standards.

## **AP Seminar**

Course #088

2 Terms, 1 Credit

Level: 10

Prerequisite: Pre-AP English 1 Honors course with a B or above or department chair approval

Please note: Summer reading assignment required

The AP Seminar course is designed to challenge students to use critical thinking skills to analyze, evaluate, and synthesize information from a variety of sources and communicate effectively through research-based essays, collaborative work, and individual and team-based presentations. Students will develop a wide-range of skills: reading and analyzing literature, articles, studies and other texts; gathering and combining information from a variety of sources to consider multiple perspectives; and crafting, defending and communicating evidence-based arguments. Vocabulary study and grammar skills will be incorporated throughout the term. AP students will take the AP College Board exam in the spring. (Additional exam fee may be required.)

### **ESSENTIAL ENGLISH 3/COMPOSITION**

Course #043

2 Terms, 1 Credit

Level: 11

Prerequisite: Essential English 2 or Director of Special Education approval

The Essential English 3 course is devoted to an understanding of American ideals as expressed within our multicultural literary heritage through short stories, novels, and poetry. This course emphasizes vocabulary development, reading skills, SAT preparation, and composition. In addition to the primary focus of intensive writing, this course will continue the work of Term 1 Essential English 3. Basic grammar skills, study skills, note-taking strategies and SAT preparation will be emphasized in this course. The major works of American literature, vocabulary development, and reading skills will also be emphasized. This course will be taught by a special education teacher with accommodations and modifications to the general education curriculum. This course is aligned with the Common Core State Standards in English and Language Arts.

### **ENGLISH 3/COMPOSITION**

Course #071

2 Terms, 1 Credit

Level: 11

Prerequisite: Pre-AP English 1 and Pre-AP English 2 or department chair approval

This course is devoted to an understanding of American ideals as expressed within our multicultural literary heritage through short stories, novels, and poetry. This course emphasizes vocabulary development, reading skills, SAT preparation, and composition. This course is aligned with the Common Core State Standards in English and Language Arts.

### **AP LANGUAGE AND COMPOSITION**

Course #068

2 Terms, 1 Credit

Level: 11

Prerequisite: AP Seminar with a grade of B or above or department chair approval

Please note: Summer reading assignment required

The AP course in English Language and Composition engages students in becoming skilled readers of prose written in a variety of rhetorical contexts and in becoming skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among a writer's purposes, audience expectations, and subjects, as well as how the elements of language contribute to effectiveness in writing.

Students will read complex texts with understanding and will write prose of sufficient richness and complexity to communicate effectively with mature readers. Students will be encouraged to place their emphasis on content, purpose, and audience and to allow this focus to guide the organization of their writing. As well as engaging in varied writing tasks, students will become acquainted with a wide variety of prose styles from many disciplines and historical periods and will gain understanding of the connections between writing and interpretive skill in reading. Summer reading is required. AP students will take the AP College Board exam in the spring. (Additional exam fee may be required.)

## **ESSENTIAL ENGLISH 4**

Course #044

1 Term, 1 Credit

Level: 12

Prerequisite: Essential English 3 or Director of Special Education approval

This course focuses on the development of paragraph writing, as well as research and speech skills, leading to the presentation of a research paper. Students will prepare for college and/or the world of work. Reading skills are reinforced through response to a variety of fiction and nonfiction works and through the use of the sequential vocabulary program. This course will be taught by a special education teacher with accommodations and modifications to the general education curriculum. This course is aligned with the Common Core State Standards in English and Language Arts.

## **ENGLISH 4**

Course #069

1 Term, 1 Credit

Level: 12

Prerequisite: Pre-AP English 1, Pre-AP English 2, and English 3/Composition or department chair approval

Students will be challenged to develop their comprehension, grammar, vocabulary, analytical, and expressive skills in preparation for college or the world of work. Emphasis is placed upon application of language principles to the understanding of literature, analysis, and the extensive study of vocabulary through the use of the sequential vocabulary program. The development of paragraph and essay writing, as well as research and speech skills, will lead to the presentation of a formal research paper. This course is aligned with the Common Core State Standards for Language Arts and Composition.

## **TRANSITIONAL ENGLISH**

Course #091

1 Term, 1 Credit

Level: 12

Prerequisite: Pre-AP English 1, Pre-AP English 2, and English 3/Composition

Transitional English is a developmental composition course for seniors that precedes college transfer-level English composition courses. This course fundamentally integrates reading and writing and will facilitate students' academic learning experiences as they develop competency with the academic reading and writing skills expected in college-level classes. Students will become acquainted with the analysis of a wide variety of prose styles from multiple disciplines and will make connections between writing and interpretive skills in reading. Throughout the course, students will consider how, why, and when to employ various reading and writing strategies and processes. In addition, students will also evaluate their overall college readiness, employability, and life success. Students earning a C or above in this course will be eligible to enter credit-bearing English courses at MVCC or additional participating colleges/universities.

## **COLLEGE WRITING 1**

Course #089

1 Term, 1 Credit

Level: 12

Prerequisite: Pre-AP English 1, Pre-AP English 2, and a B or above in English 3/Composition and a score of 480 or higher on the SAT (ERW) or department chair approval

College Writing I is a rigorous writing course that improves a student's skills in grammar, research, organization, reading comprehension, and writing. This course teaches students to write in different styles: *persuasive/argumentative essays, research-based essays, the personal essay, and reflective/narrative writing*. Students are to read and write daily for classwork and homework and share their writings for class use in lessons, models, and/or peer critiques. The course includes an intensive study of grammar components and their significance in effective writing, and develops communication and information literacy skills. This course is dual credit. Registration with Moraine Valley Community College prior to the semester and a fee of approximately \$150 is required. Students who pass this course with a C or above earn credit for MVCC COM-101.

## **AP LITERATURE AND COMPOSITION**

Course #070

1 Term, 1 Credit

Level: 12

Prerequisite: AP Language and Composition with a grade of B or above or department chair approval

Please note: Summer reading assignment required

The AP English Literature and Composition course is designed to engage students in the careful reading and critical analysis of imaginative literature. Through the close reading and selected texts, students can deepen their understanding of the ways writers use language. As they read, students should consider a work's structure, style, and themes, as well as such smaller-scale elements as the use of figurative language, symbolism, and tone. Selected works of major writers and philosophers will serve as a vehicle for analysis for the college-bound student. High level critical thinking and interpretive skills will be developed through formal writing and discussions. This is a rigorous and demanding course with an emphasis on AP exam preparation. AP students will take the AP College Board exam in the spring. (Additional exam fee may be required.)

## **JOURNALISTIC WRITING & DEVELOPMENT**

Course #085

1 Term, 1 Credit

Level: 11-12

Prerequisite: Teacher recommendation

This course is designed for students who are interested in developing strong written and oral communication skills. Targeted skills include critical media literacy, writing in a variety of styles, interviewing, publication design, photo journalism and production. This course primarily addresses the Common Core State English Language Arts Standards through the study of information gathering techniques. E-media concepts will be introduced.

## **AP RESEARCH**

Course #090

1 Term, 1 Credit

Level: 11-12

Prerequisite: A score of 3 or above on the AP Seminar exam

Please note: AP Research is an elective and will not be counted as credit toward completion of English requirements.

AP Research, the second course in the AP Capstone experience, allows students to deeply explore an academic topic, problem, issue, or idea of individual interest. Students design, plan, and implement a yearlong investigation to address a research question. Through this inquiry, they further the skills they acquired in the AP Seminar course by learning research methodology, employing ethical research practices, and accessing, analyzing, and synthesizing information. Students reflect on their skill development, document their processes, and curate the artifacts of their scholarly work through a process and reflection portfolio. The course culminates in an academic paper of 4,000–5,000 words (accompanied by a performance, exhibit, or product where applicable) and a presentation with an oral defense.

If a score of 3 or higher on both AP Seminar and AP Research is earned, students receive an AP Capstone certificate. If students additionally earn a score of 3 or higher on at least 4 other AP courses, they earn an AP Capstone diploma. (Additional exam fee may be required.)



# Math

## Course Sequence

9th Grade	10th Grade	11th Grade	12th Grade
Pre-AP Algebra	Geometry Geometry in Construction	Pre-AP Algebra 2	Pre-Calculus Calculus Honors

## Honors Course Sequence

9th Grade	10th Grade	11th Grade	12th Grade
Pre-AP Algebra Honors	Geometry Honors	Pre-AP Algebra 2 Honors	Calculus Honors Differential Calculus (AP) & Integral Calculus (AP) AP Statistics

EPCHS District 231 CTE Dual Credit through MVCC		
EPCHS Course	MVCC Course	College Credits
AP Precalculus	MTH-141 College Algebra Functions	4
Calculus Honors	MTH-150 Calculus I/Analytic Geometry	5
Differential Calculus (AP)	MTH-150 Calculus I/Analytic Geometry	5
Integral Calculus (AP)	MTH-151 Calculus II/Analytic Geometry	5

## ESSENTIAL ALGEBRA

Course #307

2 Terms, 1 Credit

Level: 9

Prerequisite: Director of Special Education approval

This course includes the study of properties and operations of the real number system; evaluating and simplifying algebraic expressions; solving and graphing solutions of first degree equations and inequalities; translating between verbal and algebraic expressions; translating word problems into equations; operations with and factoring of polynomials; solving quadratic equations; and solving systems of equations. This course will be taught by a special education teacher with accommodations and modifications to the general education curriculum. This course follows the College Board Pre-AP framework and is aligned with the Common Core Standards.

## **PRE-AP ALGEBRA**

Course #324P

2 Terms, 1 Credit

Level: 9

In Pre-AP Algebra 1, students develop a deep understanding of linear relationships emphasizing patterns of change, multiple representations of functions and equations, modeling real-world scenarios with functions, and methods for finding and representing solutions of equations and inequalities. Taken together, these ideas provide powerful conceptual tools that students can use to make sense of their world through mathematics. This course follows the College Board Pre-AP framework and is aligned with the Common Core State Standards. TI-84 Calculator recommended.

## **PRE-AP ALGEBRA HONORS**

Course #336P

2 Terms, 1 Credit

Level: 9

In Pre-AP Algebra 1, students develop a deep understanding of linear relationships emphasizing patterns of change, multiple representations of functions and equations, modeling real-world scenarios with functions, and methods for finding and representing solutions of equations and inequalities. Taken together, these ideas provide powerful conceptual tools that students can use to make sense of their world through mathematics. This course follows the College Board Pre-AP framework and is aligned with the Common Core State Standards. TI-84 Calculator recommended.

## **ESSENTIAL GEOMETRY**

Course #308

2 Terms, 1 Credit

Level: 10

Prerequisite: Essential Algebra or Director of Special Education approval

This course emphasizes a formal approach to the study of geometry. Students are taught deductive methods of reasoning through the study of postulates, theorems, and formal proofs. Topics covered include the study of the properties of plane and solid geometric figures, similarity, congruence, parallelism, perpendicularity and rules of angle measurement in triangles. This course will be taught by a special education teacher with accommodations and modifications to the general education curriculum. This course follows the College Board Pre-AP framework and is aligned with the Common Core Standards.

## **GEOMETRY WITH STATISTICS**

Course #363

1 Term, 1 Credit

Level: 10

Prerequisite: Pre-AP Algebra

Geometry with Statistics provides students with a conceptual bridge between algebra and geometry that deepens their understanding of mathematics. The course includes a unit of statistics and probability to support students' understanding of concepts essential to quantitative literacy. This course is aligned with the Common Core State Standards. TI-84 Calculator recommended.

## **GEOMETRY IN CONSTRUCTION**

Course #371

Level: 10

2 Terms, 1 Math

Credit, 1 CTE Credit

Prerequisite: Pre-AP Algebra

Geometry in Construction is an interdisciplinary course that integrates Geometry and Construction topics through the building of a significant construction project. Geometry topics will focus on integrating algebra in a geometric context, coordinate geometry, justification, structured argument, reasoning, transformations, shape recognition and manipulation, modeling and building visual skills. Students will be exposed to and gain hands-on experience in the following areas of Construction: safety, framing, HVAC, plumbing, roofing, windows, exterior doors, and siding. (Department Placement)

## **GEOMETRY WITH STATISTICS HONORS**

Course #362

Level: 10

1 Term, 1 Credit

Prerequisite: Pre-AP Algebra H with a grade of "C" or above or department chair approval

This is an accelerated Geometry class for the serious math student who has above average ability and work ethic in mathematics. In this course, geometry is taught as an axiomatic system through the study of postulates, theorems, and formal proofs. Geometry with Statistics provides students with a conceptual bridge between algebra and geometry that deepens their understanding of mathematics. The course includes a unit of statistics and probability to support students' understanding of concepts essential to quantitative literacy. This course is aligned with the Common Core State Standards. TI-84 Calculator recommended.

## **ESSENTIAL ALGEBRA 2**

Course #309

Level: 11

2 Terms, 1 Credit

Prerequisite: Essential Geometry or Director of Special Education approval

This course builds upon the skills addressed in Algebra. Topics include: solving linear and quadratic equations; performing operations with complex numbers and polynomials; modeling with linear, quadratic and exponential functions; performing operations with functions; identifying and applying properties of logarithms; solving exponential equations using properties of logarithms; solving systems of equations (linear and nonlinear); and using probability to evaluate outcomes of decisions. This course will be taught by a special education teacher with accommodations and modifications to the general education curriculum. This course follows the College Board Pre-AP framework and is aligned with the Common Core Standards.

## **PRE-AP ALGEBRA 2**

Course #365P

Level: 11

2 Terms, 1 Credit

Prerequisite: Geometry

In Pre-AP Algebra 2, students solidify and extend their understanding of functions and data analysis developed in prior courses. Students build upon linear, quadratic, and exponential functions as they work to define logarithmic, polynomial, rational, square root, cube root, and trigonometric functions. Quantitative literacy is developed by weaving data sets, contextual scenarios, and mathematical modeling throughout the course. This course follows the College Board Pre-AP framework and is aligned with the Common Core Standards. TI-84 Calculator recommended.

## **PRE-AP ALGEBRA 2 HONORS**

Course #369P

2 Terms, 1 Credit

Level: 11

Prerequisite: Geometry Honors with a grade of C or above or department chair approval

This course is designed for the serious math student who has above average ability and a strong work ethic. In Pre-AP Algebra 2, students solidify and extend their understanding of functions and data analysis developed in prior courses. Students build upon linear, quadratic, and exponential functions as they work to define logarithmic, polynomial, rational, square root, cube root, and trigonometric functions. Quantitative literacy is developed by weaving data sets, contextual scenarios, and mathematical modeling throughout the course. This course follows the College Board Pre-AP framework and is aligned with the Common Core Standards. TI-84 Calculator recommended.

## **PRECALCULUS**

Course #360

1 Term, 1 Credit

Level: 12

Prerequisite: Pre-AP Algebra 2 with a grade of C or above

This course is designed for senior level math students with average or above average math ability. This course combines the study of elementary functions, analytic geometry, and trigonometry topics as preparation for Calculus. Topics include: logarithmic, exponential, rational, right trigonometric and circular functions; graphs of functions and their inverses; solving higher order equations; conics; vectors; polar coordinate system; trigonometric identities and equations; mathematical induction; matrix algebra; sequences and series; limits and continuity. TI-84 Calculator recommended.

## **AP PRECALCULUS**

Course #370

1 Term, 1 Credit

Level: 12

Prerequisite: Pre-AP Algebra 2 with a grade of C or above

Please note: Students taking this course have the option to earn dual credit through MVCC for MTH-141 College Algebra Functions. If choosing the dual option, a C or above must be earned to receive college credit and an additional fee is required.

This course is designed for a highly motivated senior level math student. Students will cover four main units of study including the following: Polynomial and Rational Functions, Exponential and Log Functions, Trig and Polar Functions, and Parametric, Vectors, and Matrices. This class will move at a rapid and accelerated pace. Additionally, spring AP study sessions will be required. TI-84 Calculator recommended.

## **CALCULUS HONORS**

Course #359

1 Term, 1 Credit

Level: 12

Prerequisite: Pre-AP Algebra 2 Honors or AP Precalculus with a grade of C or above or department chair approval

Please note: TI-84 Calculator recommended. Students taking this course have the option to earn dual credit through MVCC for MTH-150 Calculus I/Analytic Geometry. If choosing the dual credit option, a C or above must be earned to receive college credit and an additional fee is required.

This course is designed for the college-bound student with an interest and ability in advanced mathematics and a strong work ethic. Topics covered include limits, continuity, the derivative, applications of differentiation, curve sketching, anti-differentiation and the definite integral. These topics are applied to polynomial, radical, rational, logarithmic, exponential, trigonometric and hyperbolic functions.

## **DIFFERENTIAL CALCULUS (AP)**

Course #342

Level: 11-12

1 Term, 1 Credit

Prerequisite: Pre-AP Algebra 2 Honors with a grade of C or above or department chair approval

Please note: TI-84 Calculator recommended. Students taking this course have the option to earn dual credit through MVCC for MTH-150 Calculus I/Analytic Geometry. If choosing the dual credit option, a C or above must be earned in the class to receive college credit and an additional fee is required. Students wishing to take the Advanced Placement Calculus exam should enroll for both this course AND Integral Calculus (AP).

Description: This is the first part of a full year AP Calculus course. This course follows the College Board's Advanced Placement curriculum and is extremely rigorous and fast paced. This course is designed for the college-bound student with an interest and ability in advanced mathematics and a strong work ethic. AP students are encouraged to take the College Board exams which are administered in the spring. (Additional exam fee may be required.) Topics in this course include limits, continuity, derivatives, applications of differentiation, curve sketching, anti-differentiation and the definite integral. These topics are applied to polynomial, radical, rational, logarithmic, exponential, trigonometric, and hyperbolic functions.

## **INTEGRAL CALCULUS (AP)**

Course #343

11-12

1 Term, 1 Credit

Prerequisite: Pre-AP Algebra 2 Honors with a grade of C or above or department chair approval

Please note: TI-84 Calculator recommended. Students taking this course have the option to earn dual credit through MVCC for MTH-150 Calculus I/Analytic Geometry. If choosing the dual credit option, a C or above must be earned in the class to receive college credit and an additional fee is required. Students wishing to take the Advanced Placement Calculus exam should enroll for both this course AND Differential Calculus (AP).

This is the second part of a full year AP Calculus course. This course follows the College Board's Advanced Placement curriculum and is extremely rigorous and fast paced. This course is designed for the college-bound student with an interest and ability in advanced mathematics and a strong work ethic. AP students are encouraged to take the College Board exams which are administered in the spring. (Additional exam fee may be required.) Topics in this course include applications of the integral, techniques of integration, indeterminate forms, improper integrals, infinite series, conic sections, polar coordinates and parametric equations.

## **AP STATISTICS**

Course #353

Level: 11, 12

1 Term, 1 Credit

Prerequisite: Teacher recommendation or department chair approval

Please note: TI-84 Calculator recommended.

This course is for the serious college-bound student with above average ability in math and a strong work ethic. This course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students will be exposed to four conceptual themes: exploring data, sampling and experimentation, anticipating patterns, and statistical inference. A textbook companion website and graphing calculator will be used extensively throughout the course. AP students will take the AP College Board exam in the spring. (Additional exam fee may be required.)

## **TRANSITIONAL MATH**

Course #361  
12

1 Term, 1 Credit

Prerequisite: Successful completion of Pre-AP Algebra 2

This course is designed to create a culture focused on intellectual development and provide additional academic help in math and writing, in order to enhance college readiness skills. Students will enhance mathematical reasoning and communication skills through problem solving, critical thinking, and data analysis. They will develop transitioning skills necessary to meet the challenges of the college environment. Workshops and extensive career exploration opportunities will be provided. Any student who receives a grade of C or above is eligible to enroll in a college level math course at any Illinois community college (and many universities) without any further placement test or other prerequisite requirement, provided the enrollment occurs within 18 months of the completion of this course.

# Music

EPCHS District 231 CTE Dual Credit through MVCC		
EPCHS Course	MVCC Course	College Credits
AP Music Theory	MUS-103	3

## Instrumental Music

Students enrolling for band should select one of the following three courses based on student ability and experience.

### BEGINNING BAND

Course #649

1 Term, 1 Credit

Level: 9-10-11-12

This course is designed for students with no previous experience on an instrument. The class will also accommodate a student that wishes to “double” or learn another instrument, or just “brush up” on their skills. An instrument is required for this course; rental agreements will be provided if a school-owned instrument is not available. The Beginning Band will play with the Concert Band at games and concerts to enhance their performance experience. At the conclusion of the class, the students should be ready to participate in Concert Band class. (Beginning band students will receive ½ credit for concert band 2<sup>nd</sup> term if they enroll in the same year.)

### PRE-AP PERCUSSION PERFORMANCE - ZERO HOUR

Course #644P

2 Terms, 1 Credit

Level: 9-10-11-12

Prerequisite: Audition required

This course is designed to provide percussion students the opportunity to learn and improve basic skills in the field of percussion and percussion techniques. Members of this class are automatically the Concert Band's percussion section. The class includes snare drum, mallets, tympani, drum set, hand percussion, drumline and small percussion instruments. The performance part of the class includes percussion ensemble literature, band concerts, and contests, drumline cadences, and drum circles. The end of the class starts the audition process for the marching drumline in April. Participation in spring concerts, IHSA events, and various percussion contests and clinics are required. Attendance at summer camp is REQUIRED for this course and will be counted toward Term 1 grades. A stick bag, drum key, and basic mallets and sticks are required. Students in Percussion Performance are required to purchase black drillmaster marching shoes, a Class “B” summer uniform and t-shirt, as well as tuxedo shirts and ties. Formal dresses & tuxedos are provided. (Course may be repeated.) This course follows the College Board Pre-AP framework and is aligned with the Illinois Fine Arts Standards.

## **PRE-AP CONCERT BAND - ZERO HOUR**

Course #643P

2 Terms, 1 Credit

Level: 9-10-11-12

Prerequisite: Beginning Band or audition required with previous experience in a Middle School/Junior High program.

This course is designed to provide any student an opportunity to learn and improve basic skills on a musical instrument. Candidates for this class should have one year or more experience on a band instrument. An instrument is required for this course; rental agreements will be provided if a school-owned instrument is not available. The director reserves the right to approve instrument choice to reflect instrumentation needs.

Participation in the winter and spring concerts and graduation are considered an extension of the classroom and are required. The school and the Music Department also expect students to participate in marching band performances, IHSA Solo and Ensemble and Organizational Contests, selected pep band performances, and special appearances. Attendance at summer camp is REQUIRED for this course and will be counted toward Term I grades. Students in Concert Band are required to purchase black drillmaster marching shoes, a Class "B" summer uniform and t-shirt, as well as tuxedo shirts and ties. Formal dresses and tuxedos are provided. Students are responsible for purchasing their own reeds, and everyday equipment. This course follows the College Board Pre-AP framework and is aligned with the Illinois Fine Arts Standards. (Course may be repeated.)

## **PRE-AP SYMPHONIC WIND ENSEMBLE - ZERO HOUR**

Course #679P

2 Terms, 1 Credit

Level: 10-11-12

Prerequisite: A minimum of 2 terms in Pre-AP Concert Band

These courses are more rigorous and designed for upper level musicians who want to prepare for continuation of music study in college. Music "artistry" and college audition preparation are stressed. In addition, members must complete the following:

1. Study privately with an approved teacher
2. Prepare and audition for ILMEA Band and IHSA solo ensemble
3. Prepare for college audition through solo and etude studies and evaluation
4. Complete a music theory component as assigned by instructor
5. Complete the SWE requirement form found in the course syllabus

Participation in the winter and spring concerts, as well as graduation, are considered an extension of the classroom and are required. The school and the Music Department also expect students to participate in marching band performances, IHSA Solo and Ensemble and Organizational Contests, as well as IMEA Auditions. Attendance at summer camp is REQUIRED for this course and will be counted toward Term 1 grades. Students in Concert Band are required to purchase black drillmaster marching shoes, a Class "B" summer uniform t-shirt, as well as tuxedo shirts and ties. Formal dresses and tuxedos are provided. Students are responsible for purchasing their own reeds, and everyday equipment. This course follows the College Board Pre-AP framework and is aligned with the Illinois Fine Arts Standards. (Course may be repeated.)



## **PRE-AP SYMPHONIC WIND ENSEMBLE HONORS - ZERO HOUR**

Course #680P

2 Terms, 1 Credit

Level: 12

Prerequisite: Completion of Pre-AP Symphonic Wind Ensemble with a grade of B or above

This class provides the college-bound music student a head start on preparation for college auditions and entrance exams. All Pre-AP Symphonic Wind Honors students must be responsible for Pre-AP Concert Band requirements. In addition, students must:

1. Complete Requirements 1-5 listed for Pre-AP Symphonic Wind Ensemble above
2. Report on 3 cultural events per term
3. Play all major/minor scales two octaves by memory
4. Keep a music portfolio
5. Complete a music theory component as assigned by instructor

Attendance at summer camp is REQUIRED for this course and will be counted toward Term 1 grades. Students in Pre-AP Concert Band are required to purchase black drill master marching shoes, a Class "B" summer uniform (shorts and t-shirt, poncho) as well as tuxedo shirts and ties. Formal dresses and tuxedos are provided. Students are responsible for purchasing their own reeds, and everyday equipment. This course follows the College Board Pre-AP framework and is aligned with the Illinois Fine Arts Standards.

## **COLOR GUARD - ZERO HOUR**

Course #681

9 weeks, 1/2 Credit

Level: 9-10-11-12

Prerequisite: Audition required in term 2 of the school year and consent of instructor

This course provides training in the coordination of different styles of dance with equipment work, including flag, rifle, and sabre. During football season, the group performs to live music with the marching band at each home football game and shares the band's competition schedule. Performances include school assemblies, indoor competitions, and community events. Attendance at summer camp is REQUIRED for this course and will be counted toward Term 1 grades. Students will need to purchase performance shoes and other uniform pieces for this course. Most performances take place outside the school day and are required. Optional travel opportunities are also available with this organization.

# **JAZZ INSTRUMENTAL MUSIC**

## **JAZZ ENSEMBLE**

Course #656

1 Term, 1 Credit

Level: 9-10-11-12

Prerequisite: Students must be enrolled in Beginning/Concert Band, Symphonic Wind Ensemble, or Symphonic Wind Ensemble Honors

Jazz Ensemble is for band students who wish to develop jazz technique by playing in a big band setting. Jazz Ensemble instrumentation includes trumpets, trombones, saxophones, piano, bass guitar, vibraphone, drums, and percussion. Emphasis will be placed on style, interpretation, articulation, and performance literature. Improvisation and jazz notation will also be introduced.

The school and the Music Department expect the students to participate in various high school and college contests and school programs. The class will also help prepare interested students for the ILMEA District Auditions for possible All State selection.

## VOCAL MUSIC

### PRE-AP MIXED CHORUS

Course #682P

1 Term, 1 Credit

Level: 9-10

Prerequisite: None - no audition required

Open to all students; no experience necessary. Members of this ensemble will learn music fundamentals while singing light repertoire from the Pop, Jazz, Folk, and Musical Theatre genres. Students will study basic vocal technique, performance skills, and will learn to read music.

Performances are considered extensions of the curriculum and are required, even though they take place outside the school day. Examples of additional required performances may include participation in conferences and other music festivals, contests, and concerts. All concert repertoire is performed by memory, which is part of the grade.

Students are required to purchase performance shoes. Formalwear will be provided. This course follows the College Board Pre-AP framework and is aligned with the Illinois Fine Arts Standards.

### PRE-AP CONCERT CHOIR

Course #669P

1 Term, 1 Credit

Level: 10-11-12

Open to all students; no experience necessary. This ensemble performs a wide range of music from such varied genres as Classical, Popular, Jazz, and Musical Theatre. Students will learn advanced vocal and musicianship skills through ensemble singing. Students will master music proficiencies in basic sight reading, part-singing, and music fundamentals.

Performances are considered extensions of the curriculum and are required, even though they take place outside the school day. Examples of additional required performances may include participation in conferences and other music festivals, contests, and concerts. All concert repertoire is performed by memory, which is part of the grade.

Pre-AP Concert Choir students will have the opportunity to participate in the IHSA Solo & Ensemble Contest and to audition for the IMEA All-District and All-State Festivals. Students are required to purchase performance shoes. Formalwear will be provided. This course follows the College Board Pre-AP framework and is aligned with the Illinois Fine Arts Standards.

### PRE-AP A CAPPELLA/CONCERT CHOIR

Course #672P

1 Term, 1 Credit

Level: 10-11-12

Prerequisites: Audition and permission of instructor

Open to all serious vocal music students by competitive audition and with permission of the instructor. Together with Pre-AP A cappella Honors, this forms the EPCHS Madrigal and "Unaccompanied Minors." The course requires a considerable amount of outside performance time and a full-year commitment to this performance ensemble. Requirements include sight-singing, interval singing, and highly developed auditory skills.

Correct vocal development and musical interpretation are strongly emphasized. In addition to mastering all concert choir skills tests, students are required to complete advanced vocal and music theory mastery tests throughout each semester. Each student must complete solo and ensemble vocal performances.

Repertoire: a cappella music of all genres, ranging from Renaissance madrigals to jazz and pop.

Although numerous performances and rehearsals occur outside of the regular school day, these activities are required. Absences from any of these activities will affect the grade.

Performances are considered extensions of the curriculum and are required, even though they take place outside the school day. Examples of additional required performances may include participation in conferences and other music festivals, contests, and concerts. All concert repertoire is performed by memory, which is part of the grade. This course follows the College Board Pre-AP framework and is aligned with the Illinois Fine Arts Standards. Students are required to purchase performance shoes. Formalwear will be provided.

### **PRE-AP A CAPPELLA/CONCERT CHOIR HONORS**

Course #675P

1 Term, 1 Credit

Level: 12

Prerequisites: Completion of Term 1 Pre-AP A Cappella (Course #672) with a grade of B or above

Open to all serious vocal music students. The course requires a considerable amount of outside performance time and a full-year commitment to this performance ensemble. Requirements include sight-singing, interval singing, and highly developed auditory skills.

Correct vocal development and musical interpretation are strongly emphasized. In addition to mastering all concert choir skills tests, Honors A cappella students are required to complete advanced vocal and music theory mastery tests throughout each semester beyond the levels required by other A cappella students.

Students must demonstrate mastery of sight reading and tonal skills including interval training and interval discrimination through performance examinations given each term. Students will also be tested on composition form and analysis. A cappella Honors students are expected to demonstrate ensemble leadership in both Madrigals and Concert Choir. They lead sectionals, mentor new singers, coach languages, and fill any leadership roles needed throughout the year.

Performances are considered extensions of the curriculum and are required, even though they take place outside the school day. Examples of additional required performances may include participation in conferences and other music festivals, contests, and concerts. All concert repertoire is performed by memory, which is part of the grade. The school and the Music Department also require students to participate in IHSA Solo and Ensemble Contest, IHSA Organization Contest, All-District auditions, All-State and All-District festivals, All-Conference festival, and other numerous performance opportunities.

Honors students are also required to complete a composition project, attend a series of concerts and write reviews, and research a composer of their choice. This course follows the College Board Pre-AP framework and is aligned with the Illinois Fine Arts Standards. Students are required to purchase performance shoes. Formalwear will be provided.

### **LUNCH CHOIR - TERM 1 OR TERM 2**

Course #677(Term 1)/#678 (Term 2)

1 Term, 1/2 Credit

Level: 9-10-11-12

**Please note:** These courses can be repeated. If a student is registered for Pre-AP Mixed Chorus, Pre-AP Concert Choir, Pre-AP A Cappella, or Pre-AP A Cappella Honors for only one term, they should sign up for lunch choir for the other term.

This course is designed for students who like to sing but do not have room in their schedule for choir. Students in this course eat lunch in the choir room every day and rehearse and perform with the Concert Choir. This ensemble performs a wide range of music from such varied genres as Classical, Popular, Jazz, and Musical Theatre. The Concert Choir also performs extended major works and montages. Students will learn advanced vocal and musicianship skills through ensemble singing. Students will master music proficiencies in basic sight reading, part-singing, and music fundamentals.

Examples of additional required performances may include participation in conferences and other music festivals, contests, and concerts. All concert repertoire is performed by memory, which is part of the grade. Students are required to purchase performance shoes. Formalwear will be provided.

## GENERAL MUSIC

### TECHNOLOGY IN THE PERFORMING ARTS

Course #683B

9 Weeks, 1/2 Credit

Level: 9-10

Please Note: This course is taken in conjunction with Computer Concepts & Literacy.

Students will be exposed to the technical aspects of the performing arts through recording, lighting and sound design as described in the map below. A culminating project will be included with each unit. Examples of these are an edited soundtrack for a game or edited song and a lighting plot for a proposed scene. Students will demonstrate the ability to program both lighting and sound cues for live performance on our theatrical equipment, which meets the current industry standards.

### ROCK BAND

Course #648

1 Term, 1 Credit

Level: 9-10-11-12

This course is open to ANY student who enjoys popular music. Students will study modern popular music using two approaches. First, students will listen and discuss recorded music and concerts. The second is a hands-on approach in which the students will have an opportunity to play and learn about the following basic popular musical instruments: beginning piano, beginning guitar, beginning bass guitar, beginning drum set & percussion. Electronic music techniques including computer music and recording and sound design will also be included. By the end of the class, students will learn and perform songs as a class and could be placed in smaller groups based on previous knowledge and skill level. It is advantageous for the student to provide their own instrument, but school instruments are available.

### ROCK BAND 2/JAZZ COMBO

Course #645

1 Term, 1 Credit

Level: 9-10-11-12

Prerequisite: Completion of Rock Band or consent of instructor

Rock Band II/Jazz Combo will include the advanced study of the rock and jazz idioms and techniques. The course stresses lead sheet reading, history, theory, and listening examples from the rock and jazz greats. The course is an ensemble type class. Students will play in various bands and combos and play "gigs" for various school and community events. These opportunities lead to the development of solo and improvisational skills. Improvising strategies and techniques will also be explored during the class. Students will read from both charted and sheet music books and arrange music best suited for the instrumentation. Students will also be encouraged to use their own listening skills to play by "ear". Students should have their own instrument for practice purposes.

### WORLD MUSIC

Course #646

1 Term, 1 Credit

Level: 9-10-11-12

Experience the world through music and geography! Students will learn about, listen to, and perform music from other cultures. They will explore the ways in which music is an integral part of a society's culture. The music of all seven continents will be introduced through various forms of media. Students do NOT need to have any musical background or performance experience to take this course. All materials will be provided.

## **AP MUSIC THEORY**

Course #647

1 Term, 1 Credit

Level: 10-11-12

Please note: Students taking this course have the option to earn dual credit through MVCC for MUS 103. If choosing dual credit, students must earn a C or above to receive college credit and an additional fee is required.

AP Music Theory integrates the aspects of melody, harmony, texture, rhythm, form, musical analysis, elementary composition and to some extent history and style. Musicianship skills such as dictation, sight – singing and keyboard harmony are considered an important part of the theory course. The student's ability to read and write musical notation is fundamental to this course. Students who pair this course with band and/or choir during the same semester have enjoyed the most success on the AP exam. It is strongly recommended that the student will have acquired at least basic performance skills in voice or on an instrument. The ultimate goal for this course is to develop the abilities to recognize, understand and describe the basic processes of music that are heard or presented in a score. AP Students are encouraged to take the College Board exams which are administered in the spring. (Additional exam fee may be required.)

# Physical Education and Health

## **FRESHMAN PHYSICAL EDUCATION**

Course #401A  
Level: 9

9 Weeks, 1/2 Credit

Freshman PE is designed to improve the five components of fitness: muscular strength, flexibility, muscular endurance, cardio-respiratory, and body composition. Students participate in team sports components to help develop a plan for life-long fitness and recreation activities.

## **HEALTH**

Course #401B  
Level: 9

9 Weeks, 1/2 Credit

This course is for all freshmen students as well as any student who has not yet taken or passed health. It is designed to develop the necessary understanding and skills to enhance their performance in physical activities and their decisions regarding health and wellness. Topics include nutrition, wellness, substance abuse, and creating positive relationships. Students are required to pass this course to meet state-mandated and graduation requirements.

## **SOPHOMORE PHYSICAL EDUCATION**

Course #402B  
Level: 10

9 Weeks, 1/2 Credit

Sophomore PE is designed to improve the five components of fitness: muscular strength, flexibility, muscular endurance, cardio-respiratory, and body composition. Students also participate in team and individual sports components to help develop a plan for life-long fitness and recreation activities.

## **DRIVER'S EDUCATION**

Course #402A  
Level: 10

9 Weeks, 1/2 Credit

This course is for all sophomore students and covers the Illinois State Board of Education approved Driver's Education curriculum. This is in alignment with the standards that students will need to pass the Illinois Department of Motor Vehicles driver's licensure exam. Students can get their driver's permit by successfully passing the permit exam during this course. Additional hours of behind the wheel training will be needed for a driver's license. Students are required to take this course to meet state-mandated and graduation requirements.

## **JUNIOR/SENIOR PHYSICAL EDUCATION**

Course #406  
Level: 11-12

1 Term, 1 Credit

Students participate in various activities such as swimming, basketball, weight training, floor hockey, and softball. Students' grades will be based upon class participation, written assignments, and quizzes/tests.

## **JUNIOR LEADERSHIP PROGRAM**

Course #407

1 Term, 1 Credit

Level: 11

Prerequisite: Completed applications and department chair approval

Junior leadership applicants must have at least a 2.00 GPA, a good attendance and discipline record, and demonstrated leadership qualities. This course is a two-year commitment as it is designed to prepare the student for senior leadership responsibilities the following year. Students develop skills necessary for analyzing skill development, officiating games, administering fitness and skill tests, assisting and leading students in safe class activity, aiding the teacher, and lifeguard training (proper pool lifesaving techniques, including CPR and AED Training). Students will participate in a variety of activities, including individual and team sports, swimming, recreational games and fitness activities. They will demonstrate their learned skills on a continual basis by completing tasks and assignments as directed by the teacher. In addition, students will evaluate their personal wellness, set goals, and design a wellness plan that reflects a healthy lifestyle. Attendance and discipline will be evaluated throughout the junior and senior leadership program. Students will be dropped if discipline issues arise.

## **SENIOR LEADERSHIP PROGRAM**

Course #410

1 Term, 1 Credit

Level: 12

Prerequisite: Grade of B or above in Junior Leadership

Students will be assigned to other PE classes and become the leaders of these classes. They will help with organization of equipment, teaching of skills, individual lessons, officiating games, and lifeguard for classes who are participating in swim units. Other duties may be assigned by their cooperating teachers.

## **STRENGTH AND CONDITIONING**

Course #409

1 Term, 1 Credit

Level: 10\*-11-12

Prerequisite: \*Sophomore enrollment requires department chair approval and the successful completion of Health and Driver's Education prior to the start of sophomore year.

This strength and conditioning class is designed to meet the individual needs of students who wish to physically improve their fitness level for various sports and fitness related activities. Free weights and conditioning activities will be incorporated to facilitate improvement in strength, endurance, balance, agility, and speed. A diverse range of strength and conditioning methods will be used including, speed development, strength training, core work, Olympic lifts, plyometrics, variable resistance and cross fitness. In addition students will learn proper nutrition strategies. In this class, students will be led through a series of athletic enhancement movements, skills, and drills to improve one's overall athletic abilities. Students will also keep an accurate workout log on their iPad.

## **ADVANCED STRENGTH AND CONDITIONING**

Course #413

Level: 11-12

## **NEW COURSE**

1 Term, 1 Credit

**Prerequisite:** \*Successful completion of Strength and Conditioning and teacher recommendation.

The Advanced Strength & Conditioning course is designed for those student-athletes and experienced weight lifters who want to increase their strength and athleticism. Students will build upon the fundamental techniques of strength training, stretching, and body movement circuits that were taught in Basic Strength & Conditioning. Workout routines will be driven by individual student-athletes with respect to their given sport and whether they are in or out of season. The focus will be to improve a student's power, strength, flexibility, mobility, muscular endurance, and agility with the end game being improved performance during athletic competition. The class will be particularly beneficial to students aspiring to play sports or cheer/dance after high school.

## **FIT FOR LIFE**

Course #412

Level: 10\*, 11, 12

1 Term, 1 Credit

**Prerequisite:** \*Completion of Health and Driver's Education prior to start of sophomore year

This class is designed for students who are interested in learning the basics of strength training, alternative ways of exercise, nutrition and exercise strategies to become fit for life. Students enrolled in this course will be exposed to a wide variety of non-competitive individual and group exercises and participate in various intensity exercises everyday. Students will also set fitness goals based on initial levels and create individualized fitness plans that they will execute throughout this course. Students will complete fitness projects based on various lifts, movements, and exercises. Unit topics include weightlifting, Cross-fit, HITT, yoga, kickboxing, Pilates, aqua fitness, and interval training.



# Science

## Course Sequence

9th Grade	10th Grade	11th Grade	12th Grade
Earth & Space Science	Pre-AP Biology  <i>Elective:</i> Pre-AP Chemistry	Pre-AP Chemistry or Physics  <i>Electives:</i> AP Biology AP Chemistry AP Environmental Science	<i>Electives:</i> AP Chemistry AP Biology AP Environmental Science Pre-AP Chemistry Physics Anatomy & Physiology Forensic Science

## Honors Course Sequence

9th Grade	10th Grade	11th Grade	12th Grade
Pre-AP Biology Honors	Pre-AP Chemistry Honors  <i>Elective:</i> AP Biology	Physics Honors  <i>Electives:</i> AP Biology AP Chemistry AP Environmental Science	<i>Electives:</i> AP Biology AP Chemistry AP Environmental Science AP Physics-C Mechanics Anatomy & Physiology Forensic Science

Presently, three credits in science are required for graduation (see flowchart). However, a four credit requirement is highly recommended. All science courses are laboratory based. Prior to the selection of their courses, students should study the course descriptions and discuss their choices with their parents, science instructor, and counselor.

## ESSENTIAL EARTH AND SPACE SCIENCE

Course #211

1 Term, 1 Credit

Level: 9

Prerequisite: Director of Special Education approval

Students are exposed to an expanded curriculum as it relates specifically to the studies of the Earth, rocks, oceans, and weather. The sun, planets, moons, stars, and other celestial bodies will be studied in greater detail. Energy resources, environmental quality, and resource management will also be covered. Science activities will be based on the Next Generation Science Standards (NGSS) Framework and will apply the skills and techniques outlined in the Science and Engineering Practices of the Content Standards. The topics that will be covered will be taught at the students' academic levels through the differentiation of instructional strategies and materials. This course will be taught by a special education teacher with accommodations and modifications to the general education curriculum.

## **EARTH AND SPACE SCIENCE**

Course #232

1 Term, 1 Credit

Level: 9

Earth and Space Science is a laboratory-based approach to the Next Generation Science Standards (NGSS) high school Earth Science Content Standards. Students will spend their class time engaged in hands-on activities. Introductory principles of astronomy and Earth sciences will be explored, including the solar system, cosmology, plate tectonics, energy, biogeochemical cycles, the atmosphere, and geology. Constructivist methods of teaching are employed to ensure the best possible comprehension and retention of science concepts. Science activities will be based on the Next Generation Science Standards (NGSS) Framework and will apply the skills and techniques outlined in the Science and Engineering Practices of the Content Standards.

## **ESSENTIAL BIOLOGY**

Course #212

1 Term, 1 Credit

Level: 10

**Prerequisite:** Completion of Essential Earth & Space Science and Director of Special Education Approval

Essential Biology will follow the Pre-AP Biology framework, which sparks student motivation and critical thinking about our living world as they engage in real-world data analysis and problem-solving. The Pre-AP Biology course emphasizes the integration of content with science practices—powerful reasoning tools that support students in analyzing the natural world around them. Having this ability is one of the hallmarks of scientific literacy and is critical for numerous college and career endeavors in science and the social sciences. This course focuses on the topics of Ecological Systems, Evolution, Cellular Systems, and Genetics. This course will be differentiated to meet the needs of the individual educational plan and the learner. This course follows the College Board Pre-AP framework and aligns with the Next Generation Science Standards (NGSS).

## **PRE-AP BIOLOGY**

Course #230P

1 Term, 1 Credit

Level: 10

Pre-AP Biology will follow the Pre-AP Biology framework, which sparks student motivation and critical thinking about our living world as they engage in real-world data analysis and problem-solving. The Pre-AP Biology course emphasizes the integration of content with science practices—powerful reasoning tools that support students in analyzing the natural world around them. Having this ability is one of the hallmarks of scientific literacy and is critical for numerous college and career endeavors in science and the social sciences. This course focuses on the topics of Ecological Systems, Evolution, Cellular Systems, and Genetics. This course will give students a hands-on lab based approach to learning and AP style questioning and assessments. This course follows the College Board Pre-AP framework and aligns with the Next Generation Science Standards (NGSS).

## **PRE-AP BIOLOGY HONORS**

Course #231P

1 Term, 1 Credit

Level: 9-10

Pre-AP Biology will follow the Pre-AP Biology framework, which sparks student motivation and critical thinking about our living world as they engage in real-world data analysis and problem-solving. The Pre-AP Biology course emphasizes the integration of content with science practices—powerful reasoning tools that support students in analyzing the natural world around them. Having this ability is one of the hallmarks of scientific literacy and is critical for numerous college and career endeavors in science and the social sciences. This course focuses on the topics of Ecological Systems, Evolution, Cellular Systems, and Genetics. This course will give students a hands-on lab based approach to learning and AP style questioning and assessments. Additional research and projects based on topics will also be required. This course follows the College Board Pre-AP framework and aligns with the Next Generation Science Standards.

## **PRE-AP CHEMISTRY**

Course #233P  
Level: 10-11-12

1 Term, 1 Credit

Pre-AP Chemistry will follow the structure of the Pre-AP Chemistry curriculum. In this course students develop a deep conceptual understanding of matter and energy at the molecular level as they learn to explain their macroscopic observations using particulate-level reasoning. As students engage in grade-level content, they utilize scientific reasoning skills needed to analyze the natural world—and to succeed in future science and social science courses in high school and college. Students will take College Board exams and Unit Checkpoints to familiarize themselves with the AP structure.

## **PRE-AP CHEMISTRY HONORS**

Course #238P  
Level: 10-11

1 Term, 1 Credit

Prerequisite: Grade of C or above in Pre-AP Biology Honors plus a grade of B or above in Pre-AP Algebra or C or above in Pre-AP Algebra Honors

Honors Pre-AP Chemistry will follow the structure of the Pre-AP Chemistry curriculum. In this course students develop a deep conceptual understanding of matter and energy at the molecular level as they learn to explain their macroscopic observations using particulate-level reasoning. As students engage in grade-level content, they utilize scientific reasoning skills needed to analyze the natural world—and to succeed in future science and social science courses in high school and college. Students will take College Board exams and Unit Checkpoints to familiarize themselves with the AP structure. A large component of this course will be laboratory based. Additional research into current issues will be required.

## **ESSENTIAL INTEGRATED CHEMISTRY/PHYSICS**

Course #213  
Level: 11

1 Term, 1 Credit

Prerequisite: Essential Biology and Essential Earth and Space Science and Director of Special Education approval

This course, which is aligned with the Physical Science Standards of the Next Generation Science Standards (NGSS) Framework, will offer an introduction to chemistry and physics, and will emphasize the key components of each of its fundamental elements. This essential level course will explore chemistry and physics topics in the context of everyday life. Some content is mathematical in nature. The topics that will be covered will be taught at the students' academic levels through the differentiation of instructional strategies and materials. This course will be taught by a special education teacher with accommodations and modifications to the general education curriculum.

## **AP BIOLOGY**

Course #246  
Level: 10-11-12

1 Term, 1 Credit

Prerequisite: Pre-AP Biology Honors and Chemistry Honors (concurrent or completed) or Pre-AP Biology and Chemistry with passing grades

AP Biology is a college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes - energy and communication, genetics, information transfer, ecology, and interactions. AP students will take the AP College Board exam in the spring. (Additional exam fee may be required.)

## **AP CHEMISTRY**

Course #245

1 Term, 1 Credit

Level: 11-12

**Prerequisite:** Successful completion of Science Department required courses, or currently enrolled in Physics Honors. The student must also have achieved a grade of C or above in Chemistry Honors or a grade of B or above in Chemistry or department chair approval.

The AP Chemistry course provides students with a college-level foundation to support future advanced coursework in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore topics such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. AP students will take the AP College Board exam in the spring. (Additional exam fee may be required.)

## **AP ENVIRONMENTAL SCIENCE**

Course #247

1 Term, 1 Credit

Level: 11-12

**Prerequisite:** Successful completion of Science Department required courses, or currently enrolled in Physics Honors, Chemistry, or Physics.

The AP Environmental Science course outlined in this framework reflects learning that analyzes environmental concepts and processes to achieve understanding in order to propose and justify solutions to environmental problems. The course teaches students how to apply science to the solutions of important social problems. It also provides opportunities to practice applying scientific methods to practical, real-life problems. AP students will take the AP College Board exam in the spring. (Additional exam fee may be required.)

## **PHYSICS**

Course #235

1 Term, 1 Credit

Level: 11-12

Physics is a course that is aligned with the Physical Science Standards of the Next Generation Science Standards (NGSS) Framework. The course emphasizes mathematical problem solving based on lab-based observations. Students will demonstrate and deepen their understanding of basic knowledge and skills through solving problems, communicating, using technology, working on teams, and making connections. The academic content areas will include topics of dynamics, kinematics, and energy. Laboratory work and preparation outside of class are required in this course.

## **PHYSICS HONORS**

Course #241

1 Term, 1 Credit

Level: 11-12

**Prerequisite:** Achieved grade of C or above in both Pre-AP Biology Honors and Chemistry Honors. Additionally, the student must have achieved a grade of B or above in Pre-AP Algebra and Geometry or higher level math courses.

This honors physics course is intended to be a mathematically and intellectually rigorous course that is aligned with the Physical Science Standards of the Next Generation Science Standards (NGSS) Framework. Students will demonstrate and deepen their understanding of basic knowledge and skills through solving problems, communicating, using technology, working on teams, and making connections. The topics covered in this physics honors class addresses that intent. The academic content areas will include kinematics, dynamics, energy and momentum. A portion of this course will be laboratory based.

## **AP PHYSICS C-MECHANICS**

Course #236

1 Term, 1 Credit

Level: 12

**Prerequisite:** Successful completion of Science Department sequence. Completion or concurrent enrollment in Calculus.

AP Physics is a course with a problem solving approach utilizing advanced mathematics to explore college level physics concepts. It will reinforce, build upon and apply concepts that were taught in previous science courses. The goal is for students to become more proficient in critical thinking and problem solving. Students may receive college credit by qualifying on an examination administered by the college entrance examination board. AP students will take the AP College Board exam in the spring. (Additional exam fee may be required.)

## **ANATOMY AND PHYSIOLOGY**

Course #239

1 Term, 1 Credit

Level: 11-12

**Prerequisite:** Successful completion of Science Department sequence

Anatomy and Physiology explores the human body. It is an adventure that investigates the structure and function of the ten physiological systems from cellular life through the complex organ systems of vertebrate animals. The laboratory dissections and investigations will demonstrate the relationship between structure and function.

## **FORENSIC SCIENCE**

Course #253

1 Term, 1 Credit

Level: 12

**Prerequisite:** Successful completion of Science Department sequence which must include Chemistry

Forensic science is a course with a problem solving approach. It will reinforce, build upon and apply concepts that were taught in previous science courses. Forensic science allows for extensive research skills, analytical and logical thinking, problem solving, synthesizing information and drawing conclusions. Students will exercise their science knowledge by participating in mock crime scenes in which they collect data, examine data, and solve crimes. Writing is an integral part of the course with students being expected to communicate laboratory reports, results, conclusions, and analyze case studies.

# Social Studies

Placement test scores and teacher recommendations will be referenced for freshman student placement.

EPCHS District 231 CTE Dual Credit through MVCC		
EPCHS Course	MVCC Course	College Credits
AP Psychology	PSY-101	3

## ESSENTIAL HUMAN GEOGRAPHY

Course #109

1 Term, 1 Credit

Level: 9

Prerequisite: Director of Special Education approval

This course focuses on geography as a social science and students will engage in the study of thematic units focusing on aspects of Population, Spatial Patterns, and aspects of human civilization such as Migration, Ethnicities, Religion, Political Geography, Development, and Resource Management. This course will be taught by a special education teacher with accommodations and modifications to the general education curriculum. This course aligns with the Common Core State Standards and ISBE "Writing Intensive" standards.

## HUMAN GEOGRAPHY

Course #155

1 Term, 1 Credit

Level: 9

Please Note: A student may only take Human Geography or AP Human Geography.

This course focuses on geography as a social science and students will engage in the study of thematic units focusing on aspects of Population, Ethnicities, Spatial Patterns, and aspects of human civilization such as Migration, Religion, Political Geography, Development, and Resource Management. This course aligns with the Common Core State Standards and ISBE "Writing Intensive" standards.

## AP HUMAN GEOGRAPHY

Course #157

1 Term, 1 Credit

Level: 9-10-11-12

Prerequisite: Placement test score and/or department chair approval. A student may only take Human Geography or AP Human Geography.

AP Human Geography presents high school students with the curricular equivalent of an introductory college-level course in human geography or cultural geography. Content is presented thematically rather than regionally and is organized around the discipline's main subfields: economic geography, cultural geography, political geography, and urban geography. The approach is spatial and problem oriented. Case studies are drawn from all world regions, with an emphasis on understanding the world in which we live today. AP students will take the AP College Board exam in the spring. (Additional exam fee may be required.)

## **ESSENTIAL U.S. HISTORY**

Course #113

1 Term, 1 Credit

Level: 12

Prerequisite: Director of Special Education approval

This course is a survey of American history. Events covered range from the foundation of the United States to the modern era. This course will be taught by a special education teacher with accommodations and modifications to the general education curriculum.

## **U.S. HISTORY**

Course #128

1 Term, 1 Credit

Level: 12

Prerequisite: Human Geography

Please note: A student may only take U.S. History or AP U.S. History

Description: This course is a survey of American history. Events covered range from the foundation of the United States to the modern era.

## **AP U.S. History**

Course #159

2 Terms, 1 Credit

Level: 12

Prerequisite: AP Human Geography or Human Geography or department chair approval

Please note: A student may only take U.S. History or AP U.S. History.

AP U.S. History is a college-level learning experience. This course strives to present a clear, relevant, and balanced history of the United States as an unfolding story of national development, from the days of the earliest inhabitants to the present. This is a rigorous and demanding course with an emphasis on AP exam preparation. AP students will take the AP College Board exam in the spring. (Additional exam fee may be required.)

## **PSYCHOLOGY**

Course #153

1 Term, 1 Credit

Level: 10-11-12

This course gives students the opportunity to study the human organism and its multifaceted, unique characteristics. Students will gain valuable insight into themselves and their fellow beings through understanding the principles and methods of psychology, the workings of the brain, and how we learn. Other topics include the study of human development from conception through adolescence, how to deal with stress and conflict, and mental disorders. Students will design and construct projects and experiments to examine the many sides of human behavior.

## **AP PSYCHOLOGY**

Course #154

1 Term, 1 Credit

Level: 10-11-12

Prerequisite: Department chair approval

Please note: Students taking this course have the option to earn dual credit through MVCC for PSY-101 Psychology. If choosing the dual credit option, students must earn a C or above in the class to receive college credit and an additional fee is required.

High-level critical thinking and interpretive skills will be developed in preparation for the AP Psychology exam. Group work, case studies, and hands-on projects as well as other types of learning activities will be included in this course. AP students will take the AP College Board exam in the spring. (Additional exam fee required.)

## **AMERICAN LAW: Our Political Culture in the New Millennium**

Course #152

1 Term, 1 Credit

Level: 9, 10, 11, 12

American Law is a class that focuses on practical democratic participation, voting, jury duty, and other democratic responsibilities. This course will help students balance rights, responsibilities, and obligations to their community in general and to their fellow citizens in particular. Most activities will be taken from life events and emphasize public policy solutions that reflect common sense. Our study of the Constitution and the Supreme Court will come alive as we write our own legal briefs, engage in problem-based learning, and other strategies that foster progressive democratic activism. American Law will help develop civic awareness as well as demonstrate the impact lawyers and judges have on our complex society.

## **CIVICS IN THE 21<sup>ST</sup> CENTURY**

Course #137

9 Weeks, 1/2 Credit

Level: 12

The goals of this course are to provide students the necessary information for becoming productive members of our American society with an understanding of local, state, and federal government, current and controversial issues, community service, and simulations of government. This course meets ISBE Civics requirements. Please refer to the table on page 5 for graduation requirements.

## **CHICAGO HISTORY**

**NEW COURSE**

Course #151

1 Term, 1 Credit

Level: 10-11-12

This course will provide students with opportunities to explore the history of Chicago spanning from before its incorporation in 1837 to the present day. Students will use methods of Social Studies inquiry to pose questions about their community and implement research strategies centered around Chicago. Students will analyze major themes of Chicago's history from the design and workings of the local government, pattern of growth, demographic makeup and race relations, the height of the industrial age, the city's economic history, conflict and riots and disasters, and current trends and events. Students will use a resource text but will also consider other sources of information such as news articles, perspective pieces, primary sources, and other text.



**AP WORLD HISTORY**

Course #161

Level: 10-11-12

**NEW COURSE**

1 Term, 1 Credit

Prerequisite: Department chair approval

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

# World Language

Departmental recommendation: A variety of courses are offered to meet the needs of each student. All students are afforded the opportunity for facility in communicating in the target languages. College-bound students are encouraged to complete the current 5-credit course offerings that may enable them to receive exemption from certain general education or world language college requirements. Occasionally a special program or field trip may require an additional fee.

## **SPANISH 1**

Course #700

1 Term, 1 Credit

Level: 9-10-11-12

Spanish 1 introduces students to the four basic language skills: listening comprehension, speaking, reading, and writing, within a cultural context. Spanish 1 teaches students to greet people, describe family and friends, talk about hobbies, and communicate about other topics, such as home life, occupations, travel, and medicine. Language comprehension online activities will help enrich the work at this level. In addition, students will have the opportunity to increase their knowledge of life and culture in Spanish-speaking countries.

## **SPANISH 2**

Course #701

1 Term, 1 Credit

Level: 9-10-11-12

Prerequisite: Completion of Spanish 1 with a grade of C or above or department chair approval

Spanish 2 furthers the study of grammar, vocabulary and cultures of Spanish-speaking countries. Students improve listening, speaking, reading, and writing skills. Spanish 2 students will continue to increase their understanding and use of the language in everyday conversation. Greater use of the target language will incorporate more complex structures and increased vocabulary. Language comprehension online activities will help enrich the work at this level. Students will have the opportunity to continue to increase their knowledge of life and culture in Spanish speaking countries.

## **SPANISH 3**

Course #702

1 Term, 1 Credit

Level: 9-10-11-12

Prerequisite: Completion of Spanish 2 with a grade of C or above, successful completion of Heritage Spanish 1, or department chair approval

Spanish 3 furthers the study of grammar, vocabulary and cultures of Spanish-speaking countries. Students improve listening, speaking, reading and writing skills. Students further develop reading comprehension skills through literature, oral presentations and written exercises. In Spanish 3 the students will have an opportunity to further develop their conversational, reading, and writing skills in the target language. Language comprehension online activities will help enrich the work at this level. The culture of the Spanish-speaking world will be emphasized through readings, films, research, and special projects.

## **SPANISH 4**

Course #703

1 Term, 1 Credit

Level: 10-11-12

Prerequisite: Completion of Spanish 3 with a grade of C or above or department chair approval

In Spanish 4, students improve their existing Spanish skills through conversations and reading novels and other authentic materials. Students will develop deeper insights into cultural values and contributions of Spanish-speaking people. The students and teacher will communicate primarily in Spanish. The students will continue to work toward the mastery of the idiom in communication using the four skills of listening, speaking, reading, and writing. Language comprehension online activities will help enrich the work at this level. Hispanic culture will be emphasized through the study of its civilization, history, literature, and the arts.

## **HERITAGE SPANISH 1**

Course #707

1 Term, 1 Credit

Level: 9-10-11-12

Prerequisite: Demonstrating verbal fluency to a World Language teacher or teacher recommendation

This course will combine literature, culture, current events, and modern Spanish syntax. Class will be conducted in Spanish. Spanish speakers will learn the difference between formal and informal speaking situations. Heritage Spanish is for students who have had little or no formal education in Spanish language but do have a connection to the Spanish language through their family or home lives. That is to say, they may be comfortable and familiar with the language despite not having had any formal education around how to use it. Heritage learners will be expected to advance through proficiency levels more quickly. Heritage Spanish students will have the opportunity to take AP Spanish Language and potentially earn college credit as well as perhaps taking AP Spanish Literature.

## **AP SPANISH LANGUAGE & CULTURE**

Course #706

1 Term, 1 Credit

Level: 10-11-12

Prerequisite: Completion of Spanish 4 with a grade of C or above or department chair approval

AP Spanish Language and Culture is equivalent to an intermediate level college course in Spanish. Students cultivate their understanding of Spanish language and culture by applying interpersonal, interpretive, and presentational modes of communication in real-life situations as they explore concepts related to family and communities, personal and public identities, beauty and aesthetics, science and technology, contemporary life, and global challenges. This course is designed to further develop language proficiency and cultural awareness. It is intended for students who wish to continue language study for a variety of reasons including enjoyment of the language and preparation for future needs. These might include education, travel, and careers. Students will be encouraged to use only Spanish throughout the course. Individual projects will be presented at the end of the term. Various, famous literary works will be read, discussed, and analyzed. AP students will take the AP College Board exam in the spring. (Additional exam fee may be required.)

# ELL/Bilingual Education

## ELL READING

Course #049

1 Term, 1 Credit

Level: 9

Prerequisite: Director of Special Education approval

ELL Reading is a developmental reading course for students who need additional support in their second language, as well as in their reading skills. This course fundamentally integrates reading and writing and will facilitate students' academic learning experiences as they develop competency with the academic reading and writing skills expected in all content-area classes. Students will improve their speaking/fluency skills, their comprehension skills, and their speaking and listening skills. In addition, students will make connections between writing and interpretive skills in reading. Throughout the course, students will consider how, why, and when to employ various reading and writing strategies and processes.

## ELL ENGLISH 1

Course #092

2 Terms, 1 Credit

Level: 9

Prerequisite: Director of Special Education approval

In this two term class designed for ELL students, they will learn various reading strategies and explore various literary genres, including short stories, novels, epic poetry, drama, and nonfiction. Vocabulary study, grammar skills, and writing organizational skills will be incorporated throughout the year. Students will learn basic research skills including MLA formatting. This course follows the College Board Pre-AP framework and is aligned with the Common Core State Standards.

## BILINGUAL ALGEBRA 1

Course #372

2 Terms, 1 Credit

Level: 9

Prerequisite: Director of Special Education approval

This course is designed for ELL students to develop a deep understanding of linear relationships emphasizing patterns of change, multiple representations of functions and equations, modeling real-world scenarios with functions, and methods for finding and representing solutions of equations and inequalities. Taken together, these ideas provide powerful conceptual tools that students can use to make sense of their world through mathematics. This course follows the College Board Pre-AP framework and is aligned with the Common Core State Standards. TI-84 Calculator recommended.

## **BILINGUAL EARTH AND SPACE SCIENCE**

Course #255

1 Term, 1 Credit

Level: 9

Prerequisite: Director of Special Education approval

This course is designed for ELL students and is a laboratory-based approach to the Next Generation Science Standards (NGSS) high school Earth Science Content Standards. Students will spend their class time engaged in hands-on activities. Introductory principles of astronomy and Earth sciences will be explored, including the solar system, cosmology, plate tectonics, energy, biogeochemical cycles, the atmosphere, and geology. Constructivist methods of teaching are employed to ensure the best possible comprehension and retention of science concepts. Science activities will be based on the Next Generation Science Standards (NGSS) Framework and will apply the skills and techniques outlined in the Science and Engineering Practices of the Content Standards.

## **BILINGUAL HUMAN GEOGRAPHY**

Course #162

1 Term, 1 Credit

Level: 9

Prerequisite: Director of Special Education approval

This course is designed for ELL students and focuses on geography as a social science and students will engage in the study of thematic units focusing on aspects of Population, Ethnicities, Spatial Patterns, and aspects of human civilization such as Migration, Religion, Political Geography, Development, and Resource Management. This course aligns with the Common Core State Standards and ISBE "Writing Intensive" standards.