

2020-21 Course Description Catalog

EVERGREEN PARK COMMUNITY HIGH SCHOOL
9901 South Kedzie Avenue
Evergreen Park, IL 60805
708/424-7400
www.evergreenpark.org

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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.

STUDENT GUIDE TO COURSES FOREWORD

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 educational excellence. The opportunities are here!

Mr. William J. Sanderson
Assistant Superintendent/Principal

Mr. Thomas O'Malley
Superintendent

EPCHS 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 2021

Revised June, 2020

	REGULAR	EXCEL
English+	5 credits ¹	5 credits ¹
Mathematics*	5 credits	5 credits
Science**	3 credits	3 credits
Social Studies (World History ² or World History H and U.S. History 1 or U.S. History 1H, and U.S History 2 or U.S. History 2 (AP))	3 credits (Pass Constitution exam)	3 credits (Pass Constitution exam)
Physical Education/Health	4 credits (Pass health)	4 credits (Pass health)
Financial Literacy in the 21 st Century ³ and Civics in the 21 st Century ⁴	1 credit	1 credit
Business Technology, Fine Arts, Industrial Technology, World Languages	1 credit	1 credit
World Language	~ ~ ~	2 credits ⁵
Electives (Required)	8 credits ⁶	6 credits ⁶
TOTAL Credits Needed for Graduation	26 credits	30 credits
<p>All students must take eight courses each school year for a total of 30 credits. However, students may graduate with 26 credits provided all course requirements for graduation are met. For the student to receive the Excel Diploma, a student must have an overall grade point average of 3.0, and complete the 30 credits listed above.</p>		

¹ One intensive writing term requirement met in the second term of English 3/Composition.

² Second intensive writing requirement met in World History and Human Geography (AP).

³ Consumer Education requirement is fulfilled in Financial Literacy in the 21st Century.

⁴ All students must pass tests on the Constitution of the United States and the Constitution of the State of Illinois, plus complete the citizenship component of the United States Government course by performing community service and attending government meetings. The contents of this course also meet PA99-0434 course content requirements including current and controversial issues discussions, service learning, and democratic simulations.

⁵ Two world language credits must be taken in grades 9 through 12.

⁶ Effective June, 2020, the requirement for Department Course or Elective/Career Elective Equivalent has been eliminated and three additional credits must be taken in the Electives.

+See English flowchart on page 27 *See math flowchart on page 34 **See science flowcharts on pages 51

★ As of 2019-20, as noted in the pages that follow in this course description catalog, two term one credit per term courses were adjusted to two term half credit per term courses. The course requirements remain the same, but the credit value has been adjusted.

GRADUATION REQUIREMENTS – CLASS OF 2022

Revised June, 2020

	REGULAR	EXCEL
English+	5 credits ¹	5 credits ¹
Mathematics*	4 credits	4 credits
Science**	3 credits	3 credits
Social Studies (World History ² or World History H and U.S. History (2 semesters concurrent))	2 credits (Pass Constitution exam)	2 credits (Pass Constitution exam)
Physical Education/Health	4 credits (Pass health)	4 credits (Pass health)
Financial Literacy in the 21 st Century ³ and Civics in the 21 st Century ⁴	1 credit	1 credit
World Language	~ ~ ~	2 credits ⁵
Electives (Required)	9 credits ⁶	7 credits ⁶
TOTAL Credits Needed for Graduation	24 credits	28 credits
<p>All students must take eight courses each school year for a total of 28 credits. However, students may graduate with 24 credits provided all course requirements for graduation are met. For the student to receive the Excel Diploma, a student must have an overall grade point average of 3.0, and complete the 28 credits listed above.</p>		

¹ One intensive writing term requirement met in the second term of English 3/Composition.

² Second intensive writing requirement met in World History and Human Geography (AP).

³ Consumer Education requirement is fulfilled in Financial Literacy in the 21st Century.

⁴ All students must pass tests on the Constitution of the United States and the Constitution of the State of Illinois, plus complete the citizenship component of the United States Government course by performing community service and attending government meetings. The contents of this course also meet PA99-0434 course content requirements including current and controversial issues discussions, service learning, and democratic simulations.

⁵ Two world language credits must be taken in grades 9 through 12.

⁶ Effective June, 2020, the requirement for Department Course or Elective/Career Elective Equivalent has been eliminated and three additional credits must be taken in the Electives.

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GRADUATION REQUIREMENTS – CLASS OF 2023 AND BEYOND *Revised June, 2020*

	REGULAR	EXCEL
English+	4 credits	4 credits
Mathematics*	3 credits	3 credits
Science**	3 credits	3 credits
Social Studies (World History ² or Human Geography (AP) and U.S. History (2 semesters concurrent)	2 credits (Pass Constitution exam)	2 credits (Pass Constitution exam)
Physical Education/Health	4 credits (Pass health)	4 credits (Pass health)
Financial Literacy in the 21 st Century ³ and Civics in the 21 st Century ⁴	1 credit	1 credit
World Language	~ ~ ~	2 credits ⁵
Electives (Required)	9 credits ⁶	7 credits ⁶
TOTAL Credits Needed for Graduation	22 credits	26 credits
All students must take eight courses each school year for a total of 26 credits. However, students may graduate with 22 credits provided all course requirements for graduation are met. For the student to receive the Excel Diploma, a student must have an overall grade point average of 3.0, and complete the 26 credits listed above.		

¹ One intensive writing term requirement met in the second term of English 3/Composition.
² Second intensive writing requirement met in World History and Human Geography (AP).
³ Consumer Education requirement is fulfilled in Financial Literacy in the 21st Century.
⁴ All students must pass tests on the Constitution of the United States and the Constitution of the State of Illinois, plus complete the citizenship component of the United States Government course by performing community service and attending government meetings. The contents of this course also meet PA99-0434 course content requirements including current and controversial issues discussions, service learning, and democratic simulations.
⁵ Two world language credits must be taken in grades 9 through 12.
⁶ Effective June, 2020, the requirement for Department Course or Elective/Career Elective Equivalent has been eliminated and three additional credits must be taken in the Electives.

+See English flowchart on page 27 *See math flowchart on page 34 **See science flowcharts on pages 51

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**Evergreen Park Community High School
Pathways/Sequence**

9	10	11	12
English 1 or English 1 (H)	English 2 or English 2 (H)	English 3 and Composition or English Language and Composition (AP)	English 4 or Literature and Composition (AP)
World History or Human Geography (AP) (Intensive Writing)	US History or US History (AP)	Career/Elective US History 2 or US History 2 (AP)	Department Course Elective
Please refer to Science Flow Chart found on Page 51			
Algebra or Algebra (H)	Geometry or Geometry (H)	Algebra 2 or Advanced Alg/Trig (H) AND Precalculus (H)	Department Course Elective
Physical Ed/Health	Physical Ed/Driver Ed	Physical Ed	Physical Ed
Electives	Electives/Reading	Electives	Civics in the 21 st Century and Financial Literacy in the 21 st Century
Electives	Electives	Electives	Electives

- Excel Diploma (Class of 2021) - 2 world language courses + 30 credits
- Excel Diploma (Class of 2022) - 2 world language courses + 28 credits
- Excel Diploma (Class of 2023 and beyond) - 2 world language courses + 26 credits

COLLEGE ENTRANCE RECOMMENDATIONS

Students who plan to attend college should check the requirements for admission to the institutions in which they are interested. Students should be certain they are using the most recent information available. College catalogues and admissions videos may be consulted and borrowed from the counseling area.

Many of the state universities in Illinois already have specific course requirements. See your counselor for specific details. Although foreign language is not required for admission by some colleges, many of the competitive colleges strongly recommend a two-to four-year sequence in one language. Some state colleges/universities may waive their foreign language/humanities requirement for graduation if a student has completed four courses of a language with a "C" average or better. Students should contact the colleges/universities to which they are applying.

Careful program planning can achieve solid college preparation and also include the valuable experiences of courses in the practical and creative arts.

CTE DUAL CREDIT

The Moraine Valley Community College Career and Technical Education Dual Credit Program lets high school students take Accounting 1, Computer Concepts, Microsoft Applications/MOS Certification, Calculus (H), AP Calculus (AP), and MIS 141 Web Page Design and Publishing (HTML and CSS) in high school and earn tuition-free college credit at the same time. Students must enroll in the CTE Dual Credit Program at Moraine Valley Community College at the beginning of each term when enrolled in classes that qualify for dual credit. Students who receive a grade of "B" or better in these business and math classes will be eligible to receive college credits while in high school. For more information on how to earn college credits while still in high school, please see your guidance counselor or instructors in the technical classes.

SPECIAL RECOMMENDATIONS FOR CAREER AND TECHNICAL EDUCATION STUDENTS

Although you may not be planning to enroll in college, your high school program is no less important than that of the college-bound student. We offer a wide variety of career/technical education courses. You should meet with your counselor early in your high school career and plan a sequential program. Also inquire about additional information concerning dual credit courses with Moraine Valley Community College.

Our guidance counselors can outline programs in business and industrial arts. They will point out to you that for any career area; a good freshman introductory course is necessary to get you off to a good start. All students need to take a strong basic high school program. Your English, math, and science courses are no less important than your studies in business or industrial arts.

As you enter the world of work, you will find a need to communicate with people using both oral and written communications. The highly technical nature of our society today demands that you have an adequate background in science and mathematics. Whether you work in the automotive industry, food service industry, or human services industries, you will be exposed to highly sophisticated equipment. To cope with this situation, you must have a sound educational background. You need to be concerned with study habits and skills as you develop lifelong habits that will either assist you or hinder you in the world of work.

ACADEMIC POLICIES AND PROCEDURES

CLASS RANK

Class rank will be calculated at the end of each term. It is important to be concerned with class rank from the first day in high school as it becomes a part of the permanent record and will be referred to by employers and by college admissions counselors.

CLASS VALEDICTORIAN/SALUTATORIAN

Valedictorian (ranked first in class), salutatorian (ranked second in class), and top 10% of the graduating class will be determined using the GPA as calculated through the midterm progress report of term two in the senior year. To be considered, a student must have attended school for eight terms with at least the last two terms at Evergreen Park Community High School. The GPA will be carried out to the third decimal place.

CREDIT REQUIREMENTS

Class of 2023 must have successfully completed 5 credits, including all core classes prior to the start of term one sophomore year, to be eligible for Sophomore PE/Driver Education.

Class of 2023 must have successfully completed 3 credits, including all core classes, and must be passing all classes in Term 2 by P6, to be eligible for Prom.

Class of 2022 must have successfully completed 9 credits at the end of term one sophomore year, including all core classes, to be eligible for prom.

Class of 2021 must have successfully completed 17.5 credits at the end of term one junior year, including all core classes, to be eligible to purchase an EPCHS prom ticket or attend EPCHS prom.

EXAM POLICY

All students in grades 9-12 may be assigned to take written finals at the end of each term. Please refer to the course syllabus for specific final exam information and % of the grade.

FAILURES

Students who fail a course must repeat the course if it is required for graduation. If the course is not required for graduation another class may be taken in its place.

GRADE LEVEL CLASSIFICATION

Students entering first year of high school will be considered ninth grade freshmen. Each term a student must be enrolled in a minimum of four courses.

GRADING SCALE/WEIGHTEDNESS

All courses with an (H) or (AP) designation receive a weighted credit per chart below.

Letter Grade	Grading Scale	Standard	Honors (H)	Advanced Placement (AP)
A+	98-100	4.333	4.833	5.333
A	93-97	4.000	4.500	5.000
A-	90-92	3.667	4.167	4.667
B+	88-89	3.333	3.833	4.333
B	83-87	3.000	3.500	4.000
B-	80-82	2.667	3.167	3.667
C+	78-79	2.333	2.833	3.333
C	73-77	2.000	2.500	3.000
C-	70-72	1.667	2.167	2.667
D+	68-69	1.333	1.333	1.333
D	63-67	1.000	1.000	1.000
D-	60-62	.667	.667	.667
F	0-59	0	0	0

HOMEWORK

Schoolwork done outside the classroom period is necessary and valuable. It assists students in becoming confident, independent learners and thinkers. Completing homework maintains the integrity of the classroom.

It is important that students complete their homework assignments carefully, honestly, and on time. Students are expected to thoroughly complete the work that teachers consider important. Students and parents/guardians must strive to eliminate distractions, have a personal area for study, and set aside time on a regular, daily basis for completing homework.

HONOR ROLL

Two times per school year at the end of each term, class rank will be calculated. Student GPA will be calculated at the end of each term and Honor Roll and High Honor Roll will be published. Students achieving a 3.0 to 3.749 weighted grade point average will be listed on the Honor Roll. Students achieving a 3.75 weighted grade point average or above will be listed on the High Honor Roll.

INCOMPLETE GRADES

Incompletes should be made up within ten days following the end of the term of the incomplete grade. The incomplete grade will be converted to an "F". Unless there are extenuating circumstances, incompletes are only given in unusual circumstances such as a prolonged illness, family emergency, or late transfer.

PROGRESS REPORTS/REPORT CARDS

Three progress reports will be posted on Family Access each term, spaced approximately four and a half weeks apart. When appropriate, teacher comments may be included with any of the reports issued. The final grade report of each term will include the final grade for the term and the class rank, and will be posted on Family Access immediately following each term. Parents/guardians may contact teachers about student progress by leaving voice mail or e-mail messages.

RETAKE A COURSE

Students who retake a course which was previously failed will have the course title and grades from both course attempts posted on their transcript and calculated in their GPA.

Students participating in a credit recovery course will receive a pass or fail with no impact on their GPA.

Students will not be allowed to retake a course which they have successfully completed/passed unless there are extenuating circumstances.

SECTION 504 ACCOMMODATION PLANS

Evergreen Park Community High School Provides Section 504 Accommodation Plans to meet the needs of eligible students. Parents should contact the Student Services Director 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 to 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. The district's perspective is that instruction can most effectively be provided through a collaborative environment between parents, teachers, students, case managers, and support staff. 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 Student Services Director.

SUMMER SCHOOL

Evergreen Park Community High School will offer a self-funded summer school program for the purpose of credit recovery. Students who have failed certain required courses are strongly encouraged to attend summer school at EPCHS or at another approved high school. Information may be obtained from the counselors. Any summer school credit taken outside the district must have prior approval by the EPCHS principal or it will not be accepted for credit.

TRANSFER STUDENTS

Students transferring in to 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.

AREAS OF RESPONSIBILITY

The following is a list of the individuals responsible for coordination of the high school and its programs. Please contact these people if there is a question about registration and scheduling that cannot be answered by your counselor or classroom teachers.

Dr. Jolie Burns-Casey	English/Special Education
TBD	Director of Special Education
Ms. Eleanor Johnston	Math
Mrs. Amy Kazin	Director of Activities Art/Industrial Technology Music/World Languages
Mr. Robert McCarthy	Assistant Principal
Mr. Ben Nesler	Business/Social Studies
Mr. William J. Sanderson	Asst. Superintendent/Principal All Departments Counseling Services Scheduling & Programming Questions Driver Education (summer)
Mrs. Debbie Schillo	Director of Curriculum
Mr. Jim Soldan	Director of Athletics
Dr. Mike Thomas	PE/Science Driver Education (during the school year)
Dr. Tina Ward	Media & LRC Programs

**COURSE OFFERINGS
2020-21**

ART

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

BUSINESS

Computer Concepts*
Microsoft Applications/MOS Certification*
Introduction to Business
Accounting 1*
Accounting 2
Web Page Design/Publishing
Mobile App Development
Essential Workplace Strategies 1
Essential Workplace Strategies 2
Education Internship
Technology Internship
Technology Internship 2
Financial Literacy in the 21st Century

ENGLISH

Reading 1
Essential English 1
English 1
English 1 (H)
Reading 2
Essential English 2
English 2
English 2 (H)
Essential English 3/Essential Composition
English 3/Composition
Language & Composition (AP)
Essential English 4
English 4
Literature & Composition (AP)
Journalistic Writing & Development

INDUSTRIAL TECHNOLOGY

Technology Concepts
Building and Constructive Technology
Materials, Design, and Fabrication
Metals Technology and Fabrication
Engineering and Architectural Design 1
Engineering and Architectural Design 2

MATHEMATICS

Essential Algebra
Algebra
Algebra (H)
Essential Geometry
Geometry
Geometry (H)
Essential Algebra 2
Algebra 2
Advanced Algebra/Trigonometry (H)
Precalculus
Precalculus (H)
Calculus (H)*
Differential Calculus (AP)*
Integral Calculus (AP)*
Statistics (AP)
College and Career Exploration
Computer Science Principles (AP)

MUSIC

Beginning Band
Percussion Performance
Concert Band
Symphonic Wind Ensemble
Symphonic Wind Ensemble (seniors)
Symphonic Wind Ensemble (H)
Color Guard/Winter Guard
Jazz Ensemble
Mixed Chorus
Concert Choir
Madrigals/Concert Choir
Madrigals/Concert Choir (seniors)
Madrigals/Concert Choir (H)
Lunch Choir
Music Theory (AP)
Rock Band
Rock Band II/Jazz Combo
World Music

*The dual credit option is offered through
MVCC.

PE/HEALTH/DRIVER EDUCATION

PE: Freshman – Senior
PE: Junior Leadership
PE: Senior Leadership
PE: Health
PE: Drivers Education
PE: Strength and Conditioning
PE: Fit for Life
PE: Special Education PE Internship
AERO Internship
AERO PE Internship

SCIENCE

Essential Biology
Biology
Biology (H)
Chemistry
Chemistry (H)
Essential Earth and Space Science
Earth and Space Science
Essential Integrated Chemistry/Physics
Physics
Physics (H)
Biology (AP)
Physics C – Mechanics (AP)
Chemistry (AP)
Anatomy and Physiology
Forensic Science

SOCIAL STUDIES

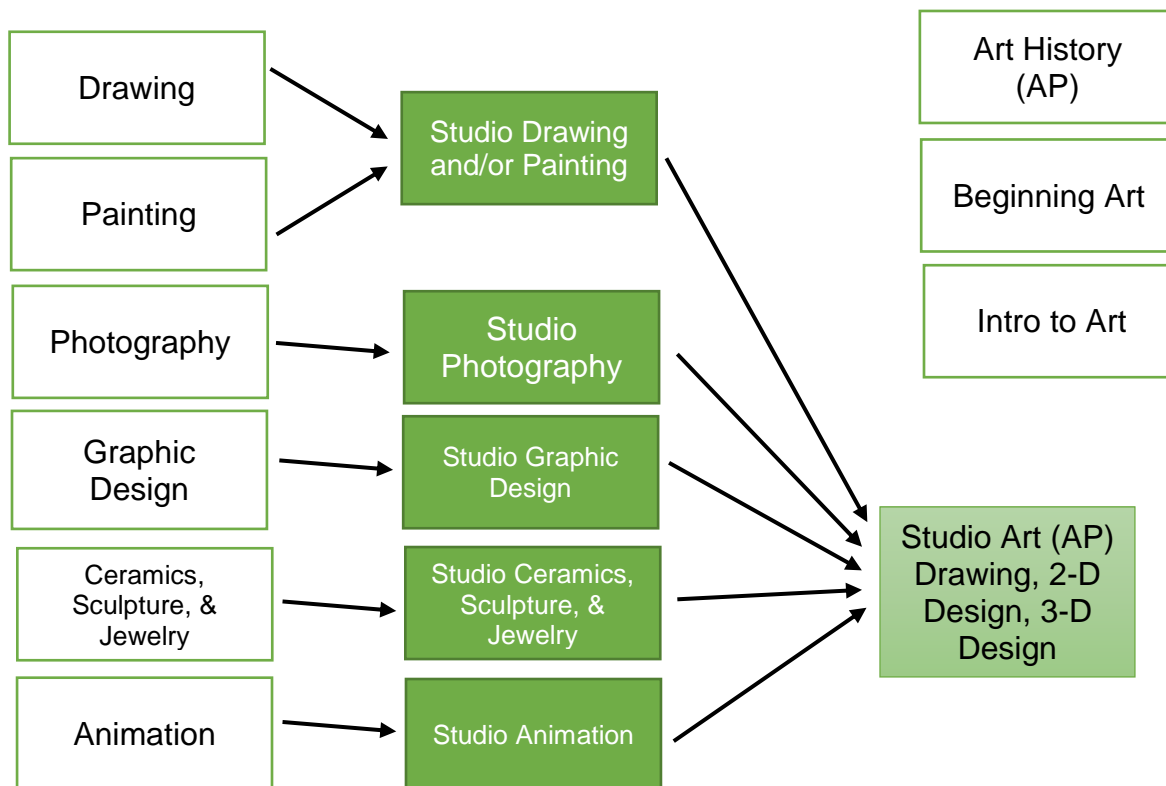
Essential World History
World History
Human Geography (AP)
Essential U.S. History
U.S. History
U.S. History (AP)
Psychology
Psychology (AP)
American Law: Our Political Culture
in the new Millennium
Civics in the 21st Century

WORLD LANGUAGES

Spanish 1
Spanish 2
Spanish 3
Spanish 4
Spanish Language and Culture (AP)

ART EDUCATION

The art program is intended to serve both the student who has a basic interest in art and will perhaps go into subsequent art courses at the college level and the student who may not ever receive further art training. Those students who continue to work in the art program will have substantially covered all the 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, in composition and in the complete process of creating visual representation.



INTRODUCTION TO ART - (9 weeks) – 1/2 credit – Course #616

Prerequisites: None

Level: 9, 10, 11, 12

PLEASE NOTE: This course is taken in conjunction with Computer Concepts

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.

BEGINNING ART - (1 Term) – 1 credit – Course #617

Prerequisites: None

Level: 9, 10, 11, 12

The Beginning Art course is designed to meet the needs of all high school students as an entry-level experience into the visual arts. Emphasis is placed on the fundamentals of design, color theory, and careful observation while working both two and three-dimensionally in a variety of drawing, painting, and ceramics media. Students will critically examine prevalent artists and artistic periods throughout the centuries. The course will challenge students' thinking and creativity by allowing them to express themselves in a visual way.

CERAMICS, SCULPTURE, JEWELRY DESIGN - (1 Term) - 1 credit – Course #600

Prerequisites: None

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 - (1 Term) – 1 credit (AP Exam Option) – Course #612

Prerequisite: Completion of Ceramics, Sculpture, Jewelry Design with a grade of a “C” or above. If a grade of less than “C” was earned, then must obtain department chair approval.

Level: 10, 11, 12

*See registration sheet for core career elective information

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 - (1 Term) – 1 credit – Course #618

Level: 9, 10, 11, 12 (It is recommended, but not mandatory, that you have taken at least one Art course prior to this course.)

The Drawing 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. 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, 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.

PAINTING - (1 Term) - 1 credit – Course #619

Level: 9, 10, 11, 12 (It is recommended, but not mandatory, that you have taken at least one Art course prior to this course.)

The Painting course will provide the students with the opportunity to explore visual self-expression in a variety of two-dimensional 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 paintings while learning about the principles of Art. Studies will include color theory, 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.

STUDIO DRAWING AND/OR PAINTING - (1 Term) - 1 credit (AP Exam Option) – Course #622

Prerequisites: Completion of either Drawing or Painting with a grade of a “C” or above. If a grade of less than “C” was earned, then must obtain department chair approval.

Level: 10, 11, 12

The Studio Drawing and/or 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 - (1 Term) - 1 credit – Course #608

Prerequisites: None

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.

STUDIO GRAPHIC DESIGN - (1 Term) – 1 credit (AP Exam Option) – Course #614

Prerequisite: Completion of Graphic Design with a grade of a “C” or above. If a grade of less than “C” was earned, then must obtain department chair approval.

Level: 10, 11, 12

*See registration sheet for core career elective information

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 - (1 Term) - 1 credit – Course #606

Prerequisites: None

Level: 9, 10, 11, 12

Animation is an eighteen-week course 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.

STUDIO ANIMATION - (1 Term) – 1 credit (AP Exam Option) – Course #605

Prerequisite: Completion of Animation with a grade of a “C” or above. If a grade of less than “C” was earned, then must obtain department chair approval.

Level: 10, 11, 12

*See registration sheet for core career elective information

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.

PHOTOGRAPHY - (1 Term) - 1 credit – Course #607

Prerequisites: None

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.

**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 (AP Exam Option) – Course #613

Prerequisite: Completion of Photography with a grade of a "C" or above. If a grade of less than "C" was earned, then must obtain department chair approval.

Level: 10, 11, 12

*See registration sheet for core career elective information

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.

ART HISTORY (AP) - (1 Term) - 1 credit – Course #610

Prerequisites: None

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.)

STUDIO ART (AP) DRAWING, 2-D DESIGN, & 3-D DESIGN - (1 Term) - 1 credit–Course #623

Prerequisites: Completion of the following Art courses (Studio Ceramics, Sculpture, Jewelry Design, Studio Drawing and/or Painting, Studio Computer Graphics, Studio Animation and Screenplay, or Studio Photography) with a grade of a “C” or better. If a grade of less than “C” was earned, then must obtain department chair approval.

Level: 10, 11, 12

AP Studio Art is an eighteen-week course that 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 required.)

ART DEPARTMENT AIDE - (1 Term) - 1 credit – Course #912

Prerequisites: Department chair approval

Level: 12

The Art Department offers qualified students the opportunity to become department aide. Activities will include assisting with the preparation of class materials, setting up art displays, and other department duties.

BUSINESS EDUCATION

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.

District 231 CTE Dual Credit through MVCC		
District 231 Courses	MVCC Courses	College Credits
Accounting 1	OSA-249 Accounting for Office Professionals	3
Computer Concepts	IMS-115 Microsoft Office I	3
Microsoft Applications/MOS Certification	OSA-145 Microsoft Word	3
Web Page Design/Publishing	MIS 141 – Website Development: HTML & CSS	3

Pending changes to the status of dual credit, junior and senior students may earn college credit from Moraine Valley Community College if they earn a grade of "C" or higher. (Business CTE Dual Credit Courses are subject to change yearly)

COMPUTER CONCEPTS - (9 Weeks) – 1/2 credit – Course #525 & #526

NOTE: Students taking this course have the option to earn Dual Credit through Moraine Valley Community College for IMS-115 Microsoft Office 1. If choosing the dual credit enrollment option, students must earn an "A", "B", or "C" in the class to receive college credit and an additional fee is required.

Prerequisites: None

Level: 9, 10, 11, 12

PLEASE NOTE: This course is taken in conjunction with either Introduction to Art or Technology Concepts.

Computer Concepts is a nine week course that will provide students the chance to develop basic keyboarding skills along with learning and applying Microsoft Office concepts to the production of documents as letters, memos, reports, and tables used in school and personal life. Internet research concepts will also be applied to developing projects.

MICROSOFT APPLICATIONS/MOS CERTIFICATION (1 Term) 1 Credit – Course #522

NOTE: Students taking this course have the option to earn Dual Credit through Moraine Valley Community College for OSA 145 Microsoft Word. If choosing the dual enrollment option, students must earn an "A", "B", or "C" in class to receive college credit and an additional fee is required.

Prerequisite: None – However, Dual Credit requires Computer Concepts as a prerequisite

Level: 9, 10, 11, 12

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 - (1 Term) – 1 Credit – Course #527

Prerequisites: None

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.

ACCOUNTING 1 - (1 Term) - 1 credit – Course #534

NOTE: Students taking this course have the option to earn Dual Credit through Moraine Valley for OSA-249 Accounting for Office Professionals. If choosing the dual credit enrollment option, students must earn an "A", "B", or "C" in the class to receive college credit and an additional fee is required.

Prerequisites: None

Level: 9, 10, 11, 12

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 - (1 Term) - 1 credit – Course #535

Prerequisites: Accounting 1

Level: 9, 10, 11, 12

An advanced accounting course that provides the capable 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.

WEB PAGE DESIGN/PUBLISHING - (1 Term) - 1 credit – Course #530

NOTE: Students taking this course have the option to earn Dual Credit through Moraine Valley Community College for MIS 141 – Website Development: HTML & CSS. If choosing the dual credit enrollment option, students must earn an "A", "B", or "C" in the class to receive college credit and an additional fee is required.

Prerequisites: NONE

Level: 9, 10, 11, 12

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 - (1 Term) - 1 credit – Course #529

Prerequisite: None
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.

ESSENTIAL WORKPLACE STRATEGIES: INSTRUCTIONAL - (1 Term) – .50 credit – Course #508

NOTE: This course must be taken concurrent with Course #509

Prerequisites: Director of Student Services approval and students with IEP
Level: 10, 11, 12

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. (Course may be repeated.)

WORKPLACE STRATEGIES: IN BUILDING FIELD EXPERIENCE - (1 Term) –.50 credit – Course #509

NOTE: This course must be taken concurrent with Course #508

Prerequisites: Director of Student Services approval and students with IEP
Level: 10, 11, 12

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. In this course, students will practice appropriate work skills while performing jobs within the building. (Course may be repeated.)

ESSENTIAL WORKPLACE STRATEGIES: INSTRUCTIONAL (FULL YEAR) - .50 credit – Course #506

Prerequisites: Director of Student Services approval and students with IEP
Level: 10, 11, 12

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 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. (Course may be repeated.)

WORKPLACE STRATEGIES: IN BUILDING FIELD EXPERIENCE - (FULL YEAR) - .50 credit – Course #507

Prerequisites: Director of Student Services approval and students with IEP
Level: 10, 11, 12

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. In this course, students will practice appropriate work skills while performing various jobs within the building. (Course may be repeated.)

WORKPLACE STRATEGIES 2 - (1 Term) – 1 credit – Course #513 (T1) or #514 (T2)

WORKPLACE STRATEGIES 2 (FULL YEAR) – 1 credit – Course #515

Prerequisites: Director of Student Services approval and Students with IEP and
Completion of Courses #508/#509

Level: 11, 12

This course is a comprehensive program designed to provide students with the skills needed to be successful in making the transition from school to work. The course includes career exploration and awareness, basic employee competencies, positive work habits and communication skills. The students will be placed at job sites in the community. (Course may be repeated.)

EDUCATION INTERNSHIP** - (1 Term) - 1 credit – Course #536

Prerequisites: Completed application and Director of Curriculum 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. In addition, students must have a car to drive to their internship placement.

Level: 12

This course is designed to provide students with a “hands on” opportunity to explore a career in education. Following several weeks of orientation on educational theories/philosophies and issues in education, including discipline, instructional methodology, school law, confidentiality and characteristics of the school aged child, students are placed with a cooperating teacher in one of the Evergreen Park schools for one block a day, three days a week. Two days a week the interns remain at school to discuss experiences, share insights, problem solve with one another and develop a portfolio.

TECHNOLOGY INTERNSHIP – (1 Term) – 1 credit – Course #538

Prerequisites: Completed application and Technology Director approval
**Selection to the program will be based on completed application, attendance, discipline, and a cumulative grade point average of 2.50 or higher.

Level: 10, 11, 12

This course provides an opportunity for students to learn about the information technology industry. Students will be assisting the technology department with the technology platforms that support the district. Concepts include wireless, iPads, desktop support, networking, and more. Students will also select a self-study concentration to be worked on between technology projects. Examples of self-study tracks include certification training, programming, and web design.

TECHNOLOGY INTERNSHIP 2 – (1 Term) – 1 credit – Course #539

Prerequisites: Successful completion of Technology Internship (Course #538) and Technology Director approval

Level: 10, 11, 12

This course is a continuation of the Technology Internship course (#538) and provides an opportunity for students to learn about the information technology industry. Students will be assisting the technology department with the technology platforms that support the district. Concepts include wireless, iPads, desktop support, networking, and more. Students will also select a self-study concentration to be worked on between technology projects. Examples of self-study tracks include certification training, programming, and web design.

FINANCIAL LITERACY IN THE 21ST CENTURY- ½ credit - Course #537

Prerequisite: None

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. Students will receive 9 weeks of Financial Literacy instruction.

AERO INTERNSHIP - (Term 1 Only) – 1 credit – Course #540

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.

Level: 12

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.

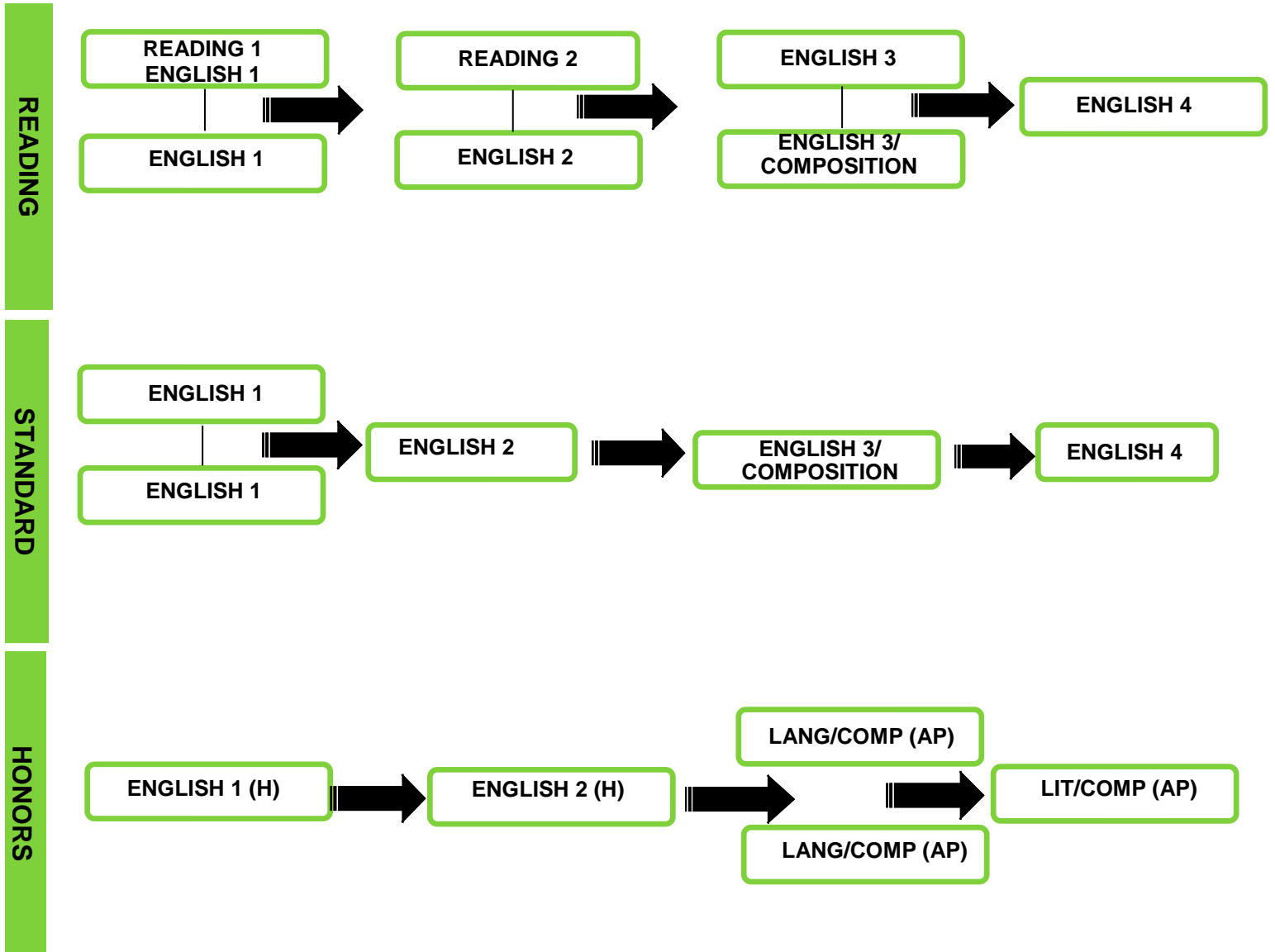
AERO PE INTERNSHIP - (Term 2 Only) - 1 credit – Course #541

Prerequisite: Term 1 Aero Internship (Course #540)

Level: 12

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.

ENGLISH FLOWCHART



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

ENGLISH

Students in the non-honors English course sequencing must successfully complete six English requirements for graduation. These requirements must also be met before registering for other English course electives (see flow chart). Five credits in English are required for graduation for those students following the honors course sequencing (see flow chart). Prior to the selection of their courses, students should study the course descriptions and discuss their choices with their parents, English instructor, and counselor.

READING 1 - (1 Term) – Course #050

Prerequisite: Appropriate score on 9th grade placement tests

Level: 9

This course offers an intensive reading intervention program (Read 180) 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 - (2 Terms) – 1 credit – Course #039

Prerequisite: Director of Special Education approval

Level: 9

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 is aligned with the Common Core State Standards.

ENGLISH 1 - (2 Terms) - 1 credit – Course #086

Prerequisites: Appropriate score on 9th grade placement tests

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 is aligned with the Common Core State Standards.

ENGLISH 1 (H) - (1 Term) - 1 credit – Course #062

Prerequisites: Appropriate score on 9th grade placement tests

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.

READING 2 - (1 Term) – 1 credit – Course #051

Prerequisites: Appropriate Lexile Score and/or department chair recommendation
Level: 10

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 - (1 Term) - 1 credit – Course #041

Prerequisite: Essential English 1 and Director of Special Education approval
Level: 10

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.

ENGLISH 2 - (1 Term) - 1 credit – Course #061

Prerequisites: English 1 course
Level: 10

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 is aligned with the Common Core State Standards.

ENGLISH 2 (H) - (1 Term) - 1 credit – Course #063

Prerequisites: English 1(H) course with a B or above or department chair approval
Level: 10

This is an accelerated program designed to challenge students to use critical thinking skills to analyze, evaluate, and synthesize literary works. This course focuses on the study of drama and the novel. Vocabulary study and grammar skills will be incorporated throughout the term. Students will receive direct writing instruction in organization, development, and literary analysis. Students will also continue to develop basic research skills, including MLA formatting. This course is aligned with the Common Core State Standards in English and Language Arts.

ESSENTIAL ENGLISH 3/COMPOSITION - (2 Terms) - 1 credit – Course #043

Prerequisite: Essential English 2 and Director of Special Education approval
Level: 11

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 - (2 Terms) - 1 credit – Course #071

Prerequisites: English 1 and English 2

Level: 11

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.

LANGUAGE AND COMPOSITION (AP) - (2 Terms) - 1 credit - Course #068

Prerequisites: English 2(H) with a grade of B or above or department chair approval

NOTE: AP Summer reading required

Level: 11

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 are encouraged to take the AP College Board exams which are administered in the spring. (Additional exam fee required.)

ESSENTIAL ENGLISH 4 - (1 Term) - 1 credit – Course #044

Prerequisite: Essential English 3 and Director of Special Education approval

Level: 12

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 - (1 Term) - 1 credit – Course #069

Prerequisites: English 1, 2, and 3

Level: 12

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.

LITERATURE AND COMPOSITION (AP) - (1 Term) - 1 credit – Course #070

Prerequisites: Language and Composition (AP) with a grade of B or above or department chair approval

NOTE: AP Summer reading required

Level: 12

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 are encouraged to take the AP College Board exams which are administered in the spring. (Additional exam fee required.)

JOURNALISTIC WRITING & DEVELOPMENT – (1 Term) – 1 credit–Course #085

Prerequisite: English 3 or English 3 concurrent

Grade Level: 11, 12

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.

ENGLISH DEPARTMENT AIDE - (1 Term) – 1 credit – Course #900

ELECTIVE

Prerequisite: Department chair approval

Level: 12

The English Department offers qualified students the opportunity to become department aides. Activities will include assisting with preparation of class materials and other department duties. The English Department aide position is an elective and will not be counted as credit toward completion of English requirements.

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 the students to combine scientific knowledge and mechanical skills to aid him/her to better understand the technical world in which we live.

The 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.

TECHNOLOGY CONCEPTS - (9 Weeks) – 1/2 credit – Course #809

Prerequisites: None

Level: 9, 10, 11, 12

PLEASE NOTE: This course is taken in conjunction with Computer Concepts

Technology Concepts is a nine week course which allows students to explore the basic areas of Industrial Technology. The focus will be on the development of basic skills in building trades, HVAC, apply in and metals technology to designing problem-based, real world activities.

BUILDING AND CONSTRUCTION TECHNOLOGY- (1 Term) - 1 credit – Course #812

Prerequisites: None

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 - (1 Term) - 1 credit – Course #813

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

Level: 10, 11, 12

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 - (1 Term) - 1 credit – Course #815

Prerequisites: None

Level: 9, 10, 11, 12

Most of the products used in our 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.

ENGINEERING AND ARCHITECTURAL DESIGN 1 - (1 Term) - 1 credit – Course #816

Prerequisites: None

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 - (1 Term) - 1 credit – Course #817

Prerequisites: Engineering and Architectural Design 1

Level: 9, 10, 11, 12

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.

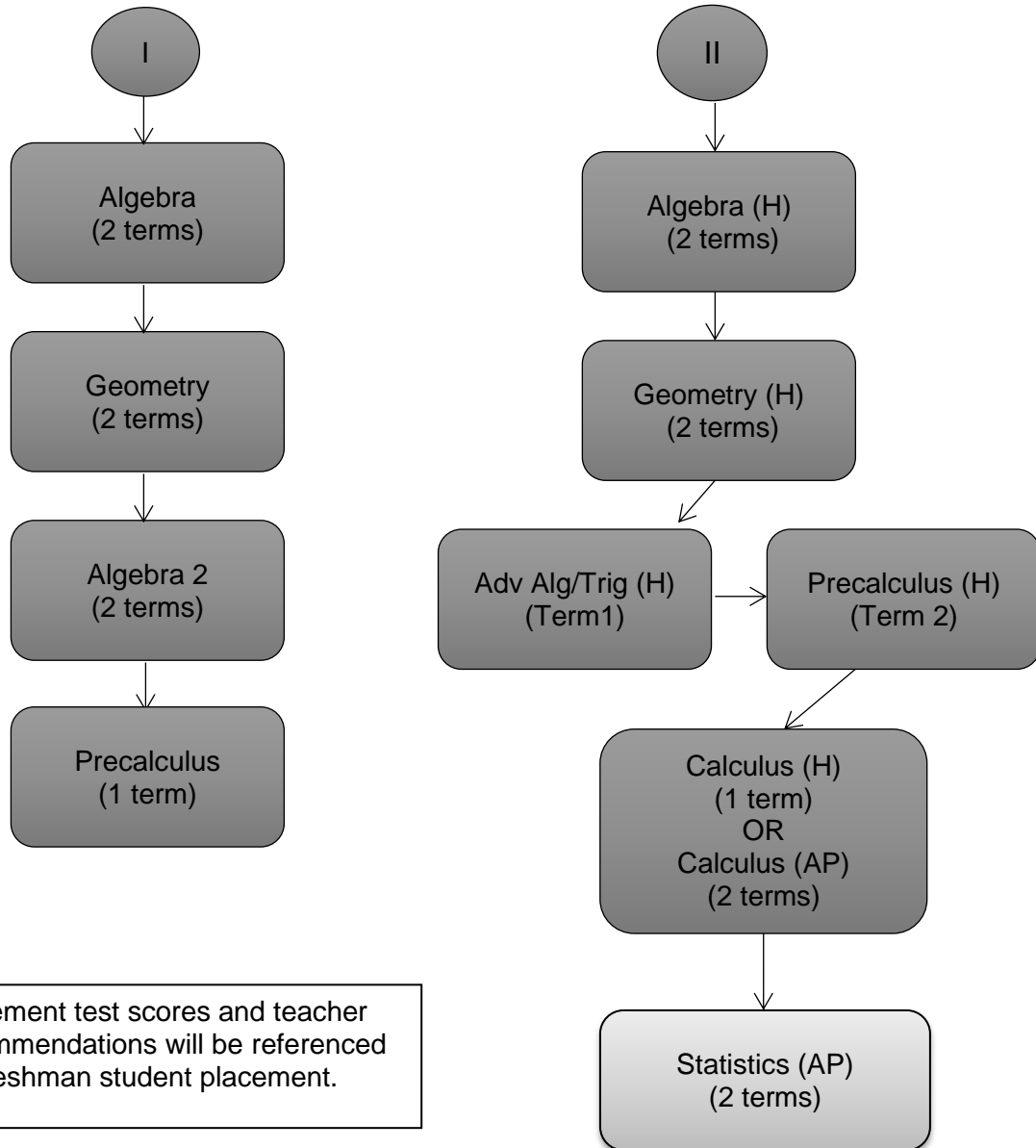
INDUSTRIAL TECHNOLOGY AIDE - (1 Term) - 1 credit – Course #915

Prerequisites: Department chair approval

Level: 12

Responsibilities will include assisting the instructor with classroom preparation and observation of student work.

MATH DEPARTMENT COURSES



MATHEMATICS

A wide range of courses from Algebra to Calculus is available. Prior to the selection of their courses, students should study the course descriptions and discuss their choice with their parents, mathematics instructors, and counselors. Honors (H) and Advanced Placement (AP) classes are more rigorous than traditional classes and are intended for students with above average math ability and a strong work ethic.

District 231 CTE Dual Credit through MVCC		
District 231 Courses	MVCC Courses	College Credits
Calculus (H)	MTH-150 Calculus I/Analytic Geometry	5
Calculus (AP)	MTH-150 Calculus I/Analytic Geometry (5) AND *MTH-151 Calculus II/Analytic Geometry (5)	10

ESSENTIAL ALGEBRA - (2 Terms) – 1 credit – Course #307

Prerequisite: Director of Special Education approval

Level: 9

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.

ALGEBRA - (2 Terms) - 1 credits - Course #324

Calculator recommendation: TI-84

Prerequisites: Appropriate score on 9th grade placement tests

Level: 9

This course introduces students to modeling with mathematics, reasoning abstractly and quantitatively, constructing viable arguments, and critiquing the reasoning of others. Topics include: interpreting the structure of expressions; writing expressions in equivalent forms to solve problems; performing arithmetic operations on polynomials; understanding the relationship between zeros and factors of polynomials; using polynomial identities to solve problems; rewriting rational functions; creating equations that describe numbers or relationships; understanding solving equations as a process of reasoning and explaining the reasoning; solving equations and inequalities in one variable; solving systems of equations; representing and solving equations and inequalities graphically; creating and solving equations, inequalities and systems of equations involving quadratic expressions; comparing characteristics of linear, quadratic and exponential functions; and identifying families of functions, including: linear, quadratic, exponential, absolute value, step and piecewise-defined.

ALGEBRA (H) - (2 Terms) – 1 credit - Course #336

Calculator recommendation: TI-84

Prerequisites: Appropriate score on 9th grade placement tests

Level: 9

This is an accelerated Algebra class for the serious math student who has above average ability in mathematics and a strong work ethic. It is a fast-paced, comprehensive course covering basic to advanced algebra concepts and problem solving. This course introduces students to modeling with mathematics, reasoning abstractly and quantitatively, constructing viable arguments, and critiquing the reasoning of others. Topics include: interpreting the structure of expressions; writing expressions in equivalent forms to solve problems; performing arithmetic operations on polynomials; understanding the relationship between zeros and factors of polynomials; using polynomial identities to solve problems; rewriting rational functions; creating equations that describe numbers or relationships; understanding solving equations as a process of reasoning and explaining the reasoning; solving equations and inequalities in one variable; solving systems of equations; representing and solving equations and inequalities graphically; creating and solving equations, inequalities and systems of equations involving quadratic expressions; comparing characteristics of linear, quadratic and exponential functions; and identifying families of functions, including: linear, quadratic, exponential, absolute value, step and piecewise-defined. Students in this course are expected to apply mathematics in modeling situations and express solutions algebraically, graphically, numerically, and verbally.

ESSENTIAL GEOMETRY - (2 Terms) - 1 credit - Course #308

Prerequisites: Essential Algebra and Director of Special Education approval

Level: 10

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.

GEOMETRY - (2 Terms) - 1 credit - Course #363

Calculator recommendation: TI-84

Prerequisites: Algebra

Level: 10

The fundamental purpose of this course is to formalize and extend students' geometric experiences from the middle grades. Students are taught deductive methods of reasoning through the study of postulates, theorems, and formal proofs. Students explore more complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments. Topics include: understanding congruence in terms of rigid motions; proving geometric theorems; making geometric constructions; understanding similarity in terms of transformations; defining trigonometric ratios and solving problems involving right triangles; applying geometric concepts in modeling situations; explaining volume formulas and using them to solve problems; extending geometric concepts to three dimensions; using coordinates to prove simple geometric theorems algebraically; understanding and applying theorems about circles; and finding arc lengths and areas of sectors of circles.

GEOMETRY (H) - (2 Terms) – 1 credit - Course #362

Calculator recommendation: TI-84

Prerequisites: Algebra H with a grade of “C” or above or department chair approval

Level: 9, 10

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. Students explore complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments. Topics include: understanding congruence in terms of rigid motions; proving geometric theorems; making geometric constructions; understanding similarity in terms of transformations; defining trigonometric ratios and solving problems involving right triangles; applying geometric concepts in modeling situations; explaining volume formulas and using them to solve problems; extending geometric concepts to three dimensions; using coordinates to prove simple geometric theorems algebraically; understanding and applying theorems about circles; and finding arc lengths and areas of sectors of circles. This course emphasizes problem solving through modeling with algebra and geometry.

ESSENTIAL ALGEBRA 2 - (2 Terms) - 1 credit – Course #309

Prerequisite: Essential Geometry and Director of Special Education approval

Level: 11

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.

ALGEBRA 2 - (2 terms) - 1 credit - Course #365

Calculator recommendation: TI-84

Prerequisites: Geometry

Level: 11

This course extends students' repertoire of functions to include polynomial, rational, and radical functions. Students expand their abilities to model situations and to solve equations, including solving quadratic equations over the set of complex numbers and solving exponential equations using properties of logarithms. Topics include: solving linear and quadratic equations; performing operations with complex numbers and polynomials; understanding the relationship between zeros and factors of polynomials; extending the domain of the trigonometric functions using the unit circle; modeling using trigonometric functions; proving and applying trigonometric identities; modeling with functions; constructing and comparing linear, quadratic, and exponential models to solve problems; representing, summarizing, and interpreting data; making inferences and justifying conclusions from sample surveys, experiments and observational studies; using probability to evaluate outcomes of decisions.

ADVANCED ALGEBRA/TRIGONOMETRY (H) - (1 term) - 1 credit - Course #339

Calculator recommendation: TI-84

Prerequisites: Geometry (H) with a grade of "C" or above or department chair approval OR Algebra 2 with a grade of "B" or above or department chair approval

Level: 10, 11, 12

This course is designed for the serious math student who has above average ability and a strong work ethic. This course extends students' repertoire of functions to include polynomial, rational, and radical functions. Students expand their abilities to model situations and to solve equations, including solving quadratic equations over the set of complex numbers and solving exponential equations using properties of logarithms. Topics include: performing arithmetic operations with complex numbers; representing complex numbers and their operations on the complex plane; representing and modeling with vector quantities; performing operations on vectors; performing operations on matrices and using matrices in applications; solving systems of equations (linear and nonlinear); understanding the relationship between zeros and factors of polynomials; analyzing functions using different representations; applying logarithmic and trigonometric functions; building new functions from existing functions (including radical, rational and exponential functions); modeling periodic phenomena using trigonometric functions; proving and applying trigonometric identities; translating between geometric descriptions and the equations for conic sections; explaining volume formulas and using them to solve problems; using probability to evaluate outcomes; and calculating expected values and using them to solve problems.

PRECALCULUS - (1 term) - 1 credit - Course #360

Calculator recommendation: TI-84

Prerequisites: Algebra 2 with a grade of "C" or above

Level: 12

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.

PRECALCULUS (H) - (1 term) - 1 credit - Course #341

Calculator recommendation: TI-84

Prerequisites: Advanced Algebra/Trigonometry H with a grade of "C" or above or department chair approval

Level: 10, 11, 12

This course is designed for the serious math student with above average math ability and a strong work ethic. 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.

CALCULUS (H) - (1 term) - 1 credit - Course #359

NOTE: Students taking this course have the option to earn Dual Credit through Moraine Valley Community College for MTH-150 Calculus I/Analytic Geometry. If choosing the dual enrollment option, an "A", "B", or "C" must be earned in the class to receive college credit and an additional fee is required.

Calculator recommendation: TI 84

Prerequisites: Precalculus (H) with a grade of "C" or above or department chair approval

Level: 12

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) – (1 Term) – 1 credit – Course #369 – NEW COURSE

NOTE: Students taking this course have the option to earn Dual Credit through Moraine Valley Community College for MTH-150 Calculus I/Analytic Geometry. If choosing the dual enrollment option, an "A", "B", or "C" must be earned in the class to receive college credit and an additional fee is required.

Calculator recommendation: TI-84

Prerequisites: Precalculus (H) with a grade of "C" or above or department chair approval

Level: 11, 12

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 required.) **Students wishing to take the Advanced Placement Calculus exam should enroll for both this course AND Integral Calculus (AP).**

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) – (1 Term) – 1 credit – Course #370 – NEW COURSE

NOTE: Students taking this course have the option to earn Dual Credit through Moraine Valley Community College for MTH-151 Calculus II/Analytic Geometry if they have already earned credit for MTH-150. If choosing the dual enrollment option, an “A”, “B”, or “C” must be earned in the class to receive college credit and an additional fee is required.

Calculator recommendation: TI-84

Prerequisites: Differential Calculus (AP) with a grade of “C” or above or department chair approval

Level: 11, 12

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 required.) **Students wishing to take the Advanced Placement Calculus exam should enroll for both this course AND Differential Calculus (AP).**

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.

STATISTICS (AP) – (2 terms) –1 credit – Course #367(T1) & 368(T2)

Calculator recommendation: TI-84

Prerequisites: Successful completion of Calculus (AP) (2 term course) with a grade of “B” or above or department chair approval

Level: 12

This is an independent study course and is for the serious college-bound student with above average ability in math and a strong work ethic. It is to be taken after the successful completion of the two-term calculus sequence. 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 are encouraged to take the College Board exams which are administered in the spring. (Additional exam fee required.)

COLLEGE AND CAREER EXPLORATION – (1 Term) – 1 credit – Course #361

Prerequisite: Successful completion of Algebra 2

Level: 12

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 A, B or C 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.

COMPUTER SCIENCE PRINCIPLES (AP) – (1 Term) – 1 credit – Course #300 – NEW COURSE

Prerequisite: Completion of Algebra or Algebra H with a grade of “C” or above. It is important that students and their advisers understand that any significant computer science course builds upon a foundation of mathematical and computational reasoning that will be applied throughout the study of the course.

Level: 9, 10, 11, 12

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.

MATH DEPARTMENT AIDE – (1 Term) – 1 credit – Course #904

Prerequisites: Department chair approval

Level: 12

The Math Department offers qualified students the opportunity to become department aides. An aide may act as a teaching assistant, help with preparation of class activities, assist with technology or perform general duties as assigned. The Math Department aide position is an elective and will not be counted as credit toward completion of Math requirements.

MUSIC DEPARTMENT

INSTRUMENTAL MUSIC

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

BEGINNING BAND - (1 Term) – 1 credit - Course #649

Prerequisites: None

Level: 9, 10, 11, 12

This course is designed to provide any student an opportunity to learn or improve basic skills on a musical instrument used in band. 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 Term II Concert Band class. (Beginning band student will receive ½ credit for concert band 2nd term if they enroll in the same year.)

PERCUSSION PERFORMANCE - O Hour - (2 Terms) -1 credit - Course #644

Prerequisites: Audition Required

Level: 9, 10, 11, 12

(Fulfills 12th grade Math or Social Studies emphasis requirement for students who have completed three years of instrumental music.)

This course is designed to provide percussion students the opportunity to learn and improve basic skills in the field of percussion and percussion performance. Members of this class are automatically the Concert Band’s percussion section. The class includes snare drum, mallets, tympani, drum set, hand percussion, drum line and percussion accessory techniques. The performance part of the class includes percussion ensemble literature, band concerts, and contests, drum line cadences, and drum circles. The end of the class starts the audition process for the marching drum line 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 drill master marching shoes, a Class “B” summer uniform (shorts and t-shirt, poncho) as well as tuxedo shirts and ties. Formal dresses & tuxedos are provided. (Course may be repeated.)

CONCERT BAND - O Hour - (2 Terms) - 1 credit - Course #643

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

Level: 9, 10, 11, 12

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 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. (Course may be repeated.)

SYMPHONIC WIND ENSEMBLE - O Hour - (2 Terms) -1 credit - Course #679

Prerequisites: A minimum of 2 terms in Concert Band

Level: 10, 11, 12

These courses are more rigorous and designed for upper level musicians who wants 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 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. (Course may be repeated.)

SYMPHONIC WIND ENSEMBLE (H) - O Hour (2 Terms) - 1 credit - Course #680

Prerequisites: Completion of Symphonic Wind Ensemble (Course #679)
with a grade of "B" or above

Level: 12

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

1. Complete Requirements 1-5 listed for 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 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.

COLOR GUARD/WINTER GUARD - O Hour 7:30 -8:20 a.m. (2 Terms) – 1 credit – Course #665

Level: 9, 10, 11, 12

Prerequisite: Audition required in January and consent of instructor

This course provides training in the coordination of different styles of dance with equipment work, including flag and rifle. During football season, the group performs to live music with the marching band and shares the band's competition schedule. The indoor season allows students to incorporate a more advanced level of dance and equipment work. 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 - (1 Term) - 1 credit - Course #656

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

Level: 9, 10, 11, 12

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

MIXED CHORUS* - (1Term) - 1 credit – Course #666

Prerequisites: None (No audition required)

Level: 9, 10

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.

Performance in the Winter and Spring Concerts, as well as the Musical Theatre Concert, are considered extensions of the curriculum and are required. Some additional performance time outside of class may be required as part of the curriculum. Examples of additional required performances may include participation in conference and other music festivals, contests, and other performances. All concert repertoire is performed by memory, which is part of the grade.

Girls in Mixed Chorus are required to purchase black, close-toed dress shoes. Formals are provided. Boys are required to purchase black dress shoes and socks, as well as tuxedo shirts and ties. Tuxedos are provided.

CONCERT CHOIR* - (2 Terms) - 1 credit – Course #668

Prerequisites: None (No audition required)

Level: 10, 11, 12

Open to all students; no experience necessary. Ability to read music is recommended. 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.

Performance in the Winter and Spring Concerts, as well as the Musical Theatre Concert, are considered extensions of the curriculum and are required. Additional performance requirements include the IHSA Organization Contest, conference music festivals, additional scheduled concerts and contests. All concert repertoire is performed by memory, which is part of the grade.

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.

Girls in Concert Choir are required to purchase black, close-toed dress shoes. Formals are provided. Boys are required to purchase black dress shoes and socks, as well as tuxedo shirts and ties. Tuxedos are provided.

**Concert Choir and Mixed Chorus may be selected for one or two terms.*

A CAPPELLA/CONCERT CHOIR - (2 Terms) - 1 credit – Course #671

Prerequisites: Audition and permission of instructor

Level: 10, 11, 12

Open to all serious vocal music students by competitive audition and with permission of the instructor. Together with 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. It is strongly recommended that all A cappella students take weekly voice lessons.

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.

Participation in the winter Madrigal Feast and the winter and spring concerts are considered an extension of the classroom and are required. The school and the Music Department also requires 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.

A CAPPELLA/CONCERT CHOIR - (1 Term) - 1 credit – Course #674

Prerequisites: Audition and permission of instructor

Level: 12

Open to all serious vocal music students by competitive audition and with permission of the instructor. Together with 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.

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 graded. Absences from any of these activities will affect the grade.

Participation in the winter Madrigal Feaste and the winter and spring concerts are considered an extension of the classroom and are required. The school and the Music Department also requires 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.

A CAPPELLA/CONCERT CHOIR (H) - (1 Term) - 1 credit – Course #675

Prerequisites: Completion of Term 1 A Cappella (Course #674) with a grade of “B” or above

Level: 12

Open to all serious vocal music students. Together with A cappella, this forms the EPCHS A cappella Ensemble. 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.

A cappella Honors students must purchase performance shoes. Costumes are provided. 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 graded. Absences from any of these activities will affect the grade.

Participation in the winter Madrigal Feaste and winter and spring concerts are considered an extension of the classroom and are required. 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.

LUNCH CHOIR - (Term One) – 1/4 credit – Course #677

LUNCH CHOIR – (Term Two) – 1/4 credit – Course #678

Prerequisites: None

Level: 9, 10, 11, 12 (Course may be repeated)

NOTE: If a student is registered for Mixed Chorus, Concert Choir, A Cappella, or 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.

Performance in the Winter and Spring Concerts, as well as the Musical Theatre Concert, are considered extensions of the curriculum and are required. Additional performance requirements include the IHSA Organization Contest, conference music festivals, additional scheduled concerts and contests. All concert repertoire is performed by memory, which is part of the grade.

Girls in Concert Choir are required to purchase black, close-toed dress shoes. Formals are provided. Boys are required to purchase black dress shoes and socks, as well as tuxedo shirts and ties. Tuxedos are provided.

GENERAL MUSIC

ROCK BAND – (1 Term) – 1 credit – Course #648

Prerequisite: None

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 II/JAZZ COMBO - (1 Term) - 1 credit - Course #645

Prerequisites: Completion of Rock Band or consent of instructor.

Level: 9, 10, 11, 12

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 technique 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.

The school and the Music Department expect the students to participate in various high school and college festivals, selected basketball games, All-State/District jazz auditions, and numerous special appearances promoting the school and the music department.

WORLD MUSIC - (1 Term) - 1 credit - Course #646

Prerequisite: None

Level: 9, 10, 11, 12

Experience the world through music! 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 Africa, Asia, Central America, South America, and Australia 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.

MUSIC THEORY (AP) – (1 Term) – 1 credit- Course #647

Prerequisite: None

Level: 10, 11, 12

Music Theory (AP) 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. 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 required.)

MUSIC DEPARTMENT AIDE – (1 Term) – 1 credit - Course #919

Prerequisite: Consent of Instructor

Level: 12

A music department aide will learn the non-musical roles of the music educator. They will assist with library and uniform management, program construction and publicity, equipment management, setup and takedown of concerts, and other responsibilities related to the musical ensembles in the school.

PHYSICAL EDUCATION AND HEALTH

FRESHMAN PHYSICAL EDUCATION/HEALTH - (1 Term) 1 credit – Course #401

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. Physical education activities will be taught during 9 weeks of a term and health education activities are taught during the other 9 weeks.

Fifty percent of their grade comes from PE, while the other 50% of their grade comes from health. These two grades are then averaged for a final PE grade. Students are required to pass this course to meet state mandated and graduation requirements.

SOPHOMORE PHYSICAL EDUCATION/DRIVER ED - (1 Term) - 1 credit – Course #402

Students will take physical education/driver education during the sophomore year. The grade combining both activities will determine the progress report grades and if PE credit is earned. A separate driver education grade will be used to determine if the student is eligible for a driver's license.

JUNIOR/SENIOR PHYSICAL EDUCATION - (1 Term) - 1 credit – Course #406

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 - (1 Term) - 1 credit – Course #407

Junior leadership is limited to those juniors who have applied by the designated date and have been accepted into the program. Applicants must have at least a 2.00 GPA, have a good attendance and discipline record, and have 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. This preparation is accomplished by developing the skills necessary for analyzing skill development, officiating of games, administering fitness and skill tests, assisting and leading students in safe class activity, and aiding the teacher. In order to develop necessary skills, students will participate in a variety of activities, including individual and team sports, swimming, recreational games and fitness activities. Students will demonstrate their learned skills on a continual basis throughout the course 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 which incorporates activities learned and reflects a healthy lifestyle. Attendance and discipline will be evaluated throughout participation in the junior and senior leadership program. Students will be dropped if discipline issues arise.

SENIOR LEADERSHIP PROGRAM - (1 Term) - 1 credit – Course #410

Prerequisite: Grade of "B" or above in Junior Leadership

The students will be divided up into other PE classes and become the leaders of these classes. They will help with organization of equipment, teaching of skills, individual lessons, and help in officiating games. Other duties may be assigned by their cooperating teachers.

STRENGTH AND CONDITIONING - (1 Term) - 1 credit- Course #409

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

Level: 10*, 11, 12

*Sophomore enrollment will be at the recommendation of the department chair.

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.

FIT FOR LIFE - (1 term) – 1 credit – Course #412

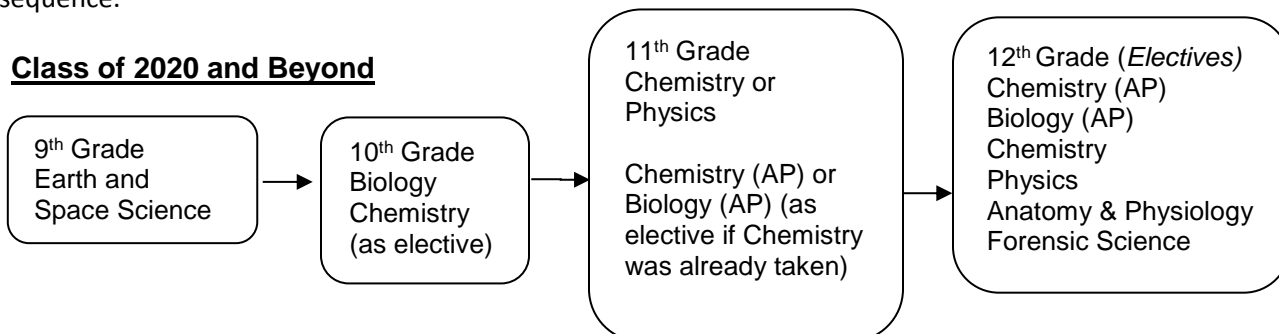
Prerequisite: *Completion of Health and Driver Education prior to start of sophomore year

Level: 10*, 11, 12

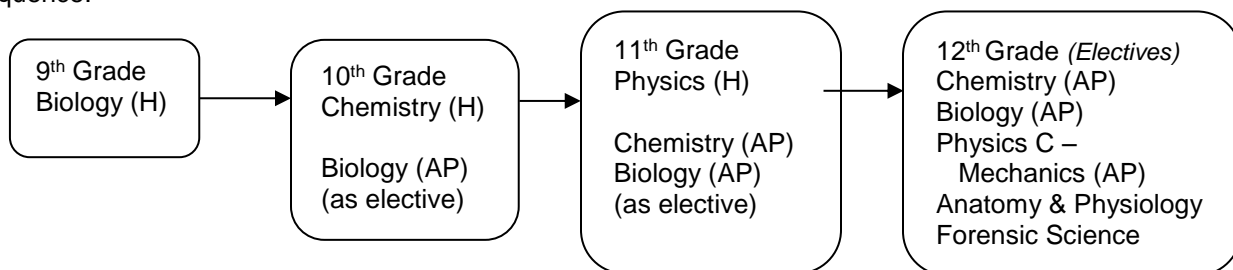
This class is designed for students who are interested in learning nutrition and exercise strategies to become fit for life. Students enrolled in this course will be exposed to a wide variety of non-competitive individual and group exercises. Students will also set fitness goals based on initial fitness levels and create individualized fitness plans they will execute throughout this course. Unit topics include yoga, kick boxing, Pilates, aqua fitness, and interval training.

SCIENCE DEPARTMENT COURSES

This flowchart addresses science progression for all students except those in the science honors course sequence.



This flowchart addresses the science progression for those students in the science honors course sequence.



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

Students in the non-honors science course sequencing must successfully complete three science requirements for graduation. These requirements must also be met before registering for other science course electives (see flowchart). Presently, three credits in science are required for graduation for those students following the honors course sequencing (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.

****For all prerequisites not listed, see science sequence****

ESSENTIAL EARTH AND SPACE SCIENCE - (1 Term) - 1 credit - Course #211

Prerequisite: Director of Student Services approval

Level: 9

The students will be 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 - (1 Term) - 1 credit – Course #232

Prerequisites: Appropriate Score on 9th grade placement test

Level: 9

Earth and Space Science is 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.

BIOLOGY (H) - (1 Term) - 1 credit – Course #231

Prerequisites: Appropriate score on 9th grade placement test

Level: 9, 10

This course, that is aligned with the Life Science Standards of the Next Generation Science Standards (NGSS) Framework, offers an in-depth look into the field of biology. Biology Honors is fast paced and rigorous as it addresses the following four core ideas *From Molecules to Organisms: Structures and Processes*, *Ecosystems: Interaction & Energy*, *Heredity: Inheritance and Variation of Traits*, and *Biological Evolution: Unity and Diversity*. These core ideas incorporate engineering practices and crosscutting concepts to include scientific skills of observation, experimentation, data analysis, classification, interpretation, critical thinking and communication. Students will be expected to be involved in classroom activities, laboratory investigations, home study, and peer interactions. Grading is based on tests, quizzes, homework, written and oral reports, and a research paper.

ESSENTIAL BIOLOGY – (1 Term) – 1 credit – Course #212

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

Level: 10

In this lab oriented course, that is aligned with the Life Science Standards of the Next Generation Science Standards (NGSS) Framework, students will use scientific inquiry to study the following four core ideas *From Molecules to Organisms: Structures and Processes*, *Ecosystems: Interaction & Energy*, *Heredity: Inheritance and Variation of Traits*, and *Biological Evolution: Unity and Diversity*. These core ideas incorporate engineering practices and crosscutting concepts to include scientific skills of observation, experimentation, data analysis, classification, interpretation, critical thinking and communication. 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.

BIOLOGY - (1 Term) – 1 credit – Course #230

Level: 10

In this lab oriented course, that is aligned with the Life Science Standards of the Next Generation Science Standards (NGSS) Framework, students will use scientific inquiry to study the following four core ideas *From Molecules to Organisms: Structures and Processes*, *Ecosystems: Interaction & Energy*, *Heredity: Inheritance and Variation of Traits*, and *Biological Evolution: Unity and Diversity*. These core ideas incorporate engineering practices and crosscutting concepts to include scientific skills of observation, experimentation, data analysis, classification, interpretation, critical thinking and communication.

CHEMISTRY - (1 Term) - 1 credit – Course #233

Level: 10, 11, 12

This is a general chemistry course that is aligned with the Physical Science Standards of the Next Generation Science Standards (NGSS) Framework. Topic emphasis is placed on safety, matter, energy, molecular behavior, and reactivity. Laboratory work in these topic areas is required for this course.

CHEMISTRY (H) – (1 Term) – 1 credit – Course #238

Prerequisites: Grade of “C” or above in Biology Honors plus a grade of “B” or above in Algebra or “C” or above in Algebra Honors

Level: 10, 11

This is a mathematically and intellectually rigorous, general chemistry course that is designed for the college-bound student. This course is aligned with the Physical Science Standards of the Next Generation Science Standards (NGSS) Framework. The topics covered include safety, measurements, structure of matter, chemical reactions, chemical composition, stoichiometry, solutions, gases, and experimental design. A large component of this course will be laboratory based. Additional research into current issues will be required.

ESSENTIAL INTEGRATED CHEMISTRY/PHYSICS - (1 Term) - 1 credit- Course #213

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

Level: 11

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.

BIOLOGY (AP) – (1 Term) – 1 credit – Course #246

Prerequisites: Biology (H) and Chemistry (H) (concurrent or passed)
or Biology and Chemistry with passing grades

Level: 10, 11, 12

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 are encouraged to take the College Board exams which are administered in the spring. (Additional exam fee required.)

CHEMISTRY (AP) - (1 Terms) - 1 credit – Course #245

Prerequisites: Successful completion of Science Department required courses, or currently enrolled in Physics (H). The student must also have achieved a grade of “C” or above in Chemistry (H) or a grade of “B” or above in Chemistry or department chair approval.

Level: 11, 12

The AP Chemistry course provides students with a college-level foundation to support future advanced course work 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 are encouraged to take the College Board exams which are administered in the spring. (Additional exam fee required.)

PHYSICS - (1 Term) - 1 credit – Course #235

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 (H) - (1 Term) - 1 credit- Course #241

Prerequisites: Achieved grade of “C” or above in both Biology Honors and Chemistry Honors. Additionally, the student must have achieved a grade of “B” or above in Algebra and Geometry or higher level math courses.

Level: 11, 12

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.

PHYSICS C–MECHANICS (AP) - (1 Term) -1 credit- Course #236

ELECTIVE

Prerequisites: Successful completion of Science Department required courses.
Completion or concurrent enrollment in Calculus.

Level: 12

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 are encouraged to take the College Board exams which are administered in the spring. (Additional exam fee required.)

ANATOMY AND PHYSIOLOGY - (1 Term) - 1 credit – Course #239

ELECTIVE

Prerequisites: Successful completion of Biology.

Level: 12

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 - (1 Term) - 1 Credit - Course #253

ELECTIVE

Prerequisites: Successful completion of Science Department sequence
which must include Chemistry.

Level: 12

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.

SCIENCE DEPARTMENT AIDE - (1 Term) - 1 credit – Course #918

ELECTIVE

Prerequisites: Department chair approval

Level: 12

The Science Department offers qualified students the opportunity to become department aides. Duties may include laboratory preparation and cleanup, greenhouse work, inventory, and clerical tasks. The Science Department Aide position is an elective and will not be counted as credit toward completion of Science requirements.

SOCIAL STUDIES

Students must successfully complete 3.5 credits of Social Studies to graduate for the class of 2020 and class of 2021, and 2.5 credits of Social Studies to graduate for the class of 2022 and class of 2023. Required courses include World History or Human Geography (AP), U.S. History, U.S. History 2, or U.S. History (AP) and Civics in the 21st Century.

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

ESSENTIAL WORLD HISTORY - (1 Term) - 1 credit – Course #110

Prerequisite: Director of Special Education approval

Level: 9

This is an introductory course focusing on the history of mankind, emphasizing the development of man's origin, culture, and civilization. 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.

WORLD HISTORY - (1 Term) - 1 credit – Course #134

Prerequisites: Appropriate score on 9th grade placement test

Level: 9

The purpose of this course is to present a compact survey of the history of mankind. The course will place its emphasis on the development of man's origin, culture, and civilization. A consistent theme will be an appreciation for all cultural contributions in man's development. Philosophically, students will be encouraged to explore the diversity of man, past and present. This course meets the Illinois Board of Education standards of being a "writing-intensive" course.

HUMAN GEOGRAPHY (AP) - (1 Term) - 1 credit – Course #157

Prerequisites: Appropriate score on 9th grade placement test and/or department chair approval

Level: 9, 10, 11, 12

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 are encouraged to take the College Board exams which are administered in the spring. (Additional exam fee required.)

ESSENTIAL U.S. HISTORY - (2 Terms) – 1 credit – Course #113

Prerequisite: Director of Special Education approval

Level: 10

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 - (2 Terms) - 1 credit – Course #128

Prerequisites: World History

Level: 10

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

Note: A student may ONLY take U.S. History or U.S. History AP

U.S. HISTORY (AP) - (2 Terms) – 1 credit – Course #159

Prerequisites: World History or World History Honors or department chair approval

Level: 10

U.S. History (AP) 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 are encouraged to take the College Board exams which are administered in the spring. (Additional exam fee required.)

Note: A student may ONLY take U.S. History or U.S. History AP

PSYCHOLOGY - (1 Term) - 1 credit – Course #153

ELECTIVE

Prerequisites: None

Level: 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.

NOTE: A student may ONLY take Psychology or Psychology (AP)

PSYCHOLOGY (AP) - (1 Term) - 1 credit – Course #154

ELECTIVE

Prerequisite: Department chair approval

Level: 11, 12

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 are encouraged to take the College Board exams which are administered in the spring. (Additional exam fee required.)

NOTE: A student may ONLY take Psychology or Psychology (AP)

AMERICAN LAW: Our Political Culture in the New Millennium (1 Term) - 1 credit – Course #152

ELECTIVE

Prerequisites: None

Level: 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 21ST CENTURY - ½ credit-Course #137

Prerequisite: None

Level: 12

The goals of this course are to provide students the necessary information for becoming productive members of our American society and knowledgeable in the areas of local, state, and federal government, current and controversial issues, community service, and simulations of government. This course meets ISBE Civics requirements. Students will complete 8 hours of service and attend 2 local government meetings or complete 5 hours of service and attend 3 local government meetings as part of the service learning component of this course. Please refer to table on page 5 for graduation requirements.

SOCIAL STUDIES DEPARTMENT AIDE - (1 Term) - 1 credit – Course #914

ELECTIVE

Prerequisites: Department chair approval

Level: 12

The Social Studies Department offers qualified students the opportunity to become department aides. Activities will include assisting with preparation of class materials and other department duties. The Social Studies Department aide position is an elective and will not be counted as credit toward completion of Social Studies requirements.

WORLD LANGUAGES

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.

*Note: Students wishing to earn the “Excel Diploma” must take a minimum of 2 years of Spanish at Evergreen Park Community High School.

SPANISH 1 - (1 Term) - 1 credit – Course #700

Prerequisites: None

Level: 9, 10, 11, 12

Throughout the year, students will begin to speak, read, write, and understand Spanish. Language and computer laboratory activity and audio-visual facilities 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 - (1 Term) - 1 credit – Course #701

Prerequisites: Completion of Spanish 1 with a grade of C or better or department chair approval

Level: 9, 10, 11, 12

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 and computer lab activity and audiovisual materials will support the communicative activities. Students will have the opportunity to continue to increase their knowledge of life and culture in Spanish speaking countries.

SPANISH 3 - (1 Term) - 1 credit – Course #702

Prerequisites: Completion of Spanish 2 with a grade of "C" or above or department chair approval

Level: 9, 10, 11, 12

In Spanish 3 the students will have an opportunity to further develop their conversational, reading, and writing skills in the target language. Continued use of the language and computer lab will facilitate increased language acquisition. The culture of the Spanish-speaking world will be emphasized through readings, films, research, and special projects.

SPANISH 4 - (1 Term) - 1 credit – Course #703

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

Level: 10, 11, 12

The students will continue to work toward the mastery of the idiom in communication using the four skills of listening, speaking, reading, and writing. Use of the language and computer lab will facilitate the process. Hispanic culture will be emphasized through the study of its civilization, history, literature, and the arts.

SPANISH LANGUAGE & CULTURE (AP) - 1 Credit – Course #706

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

Level: 10, 11, 12

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 are encouraged to take the College Board exams which are administered in the spring. (Additional exam fee required.)

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