

2012-13 Course Description Catalog

EVERGREEN PARK COMMUNITY HIGH SCHOOL
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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 counselor will work together to choose courses that will meet the student's individual needs and abilities. Early planning becomes increasingly important as greater demands are placed on high school graduates. Careful preparation is essential to students planning to attend college 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
Principal

Dr. M. Elizabeth Hart
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

	REGULAR	EXCEL
English	5 credits ¹ 6 credits (proposed for class of 2016)	5 credits ¹ 6 credits (proposed for class of 2016)
Mathematics*	6 credits	6 credits
Science**	3 credits 4 credits (proposed for class of 2016)	3 credits 4 credits (proposed for class of 2016)
Social Studies (World History ² , U.S. History 1 ³ , and U.S. History 2 are required)	3 credits (Pass Constitution exam)	3 credits (Pass Constitution exam)
Physical Education/Health	4 credits (Pass health)	4 credits (Pass health)
Microcomputer Applications***	1 credit	1 credit
Business Technology, Fine Arts, Industrial Technology, World Languages	1 credit	1 credit
World Language	~ ~ ~	2 credits ⁴
12 th Grade – Department Course or Elective/Career Elective Equivalent for Mathematics, Science, and Social Studies (1 credit for each)	3 credits	3 credits
Career Electives/Electives (ACT-PSAE Course)	6 credits 4 credits (proposed for class of 2016)	4 credits 2 credits (proposed for class of 2016)
Prairie State Achievement Exam (PSAE) Taken		
	32 credits	32 credits
TOTAL Credits Needed for Graduation	28 credits	32 credits
<p>All students must take eight courses each school year for a total of 32 credits. However, students may graduate with 28 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 32 credits listed above.</p>		

¹ One intensive writing requirement met in the second 11th grade English course.

² Second intensive writing requirement met in World History (beginning with class of 2011).

³ Consumer Education requirement met in U.S. History 1.

⁴ Two world language credits must be taken in grades 9 through 12.

*See math flowcharts on pages 31 and 32

**See science flowcharts on pages 45 and 46

*** Beginning with the class of 2016, 1/2 credit of Computer Concepts required.

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

Courses per School Year	9	10	11	12
1	English 1	English 2	English 3 and Intensive Writing	English 4
2	World History (Intensive Writing)	US History 1	US History 2	Department Course or Elective/Career Elective Equivalent
3	Scientific Inquiry or Biology Honors	Biology and Chemistry or Earth & Space Science	Physics or Chemistry Integrated Chemistry/Physics	Department Course or Elective/Career Elective Equivalent
4	Algebra	Geometry	Advanced Math Course	Department Course or Elective/Career Elective Equivalent
	Physical Ed/Health	Physical Ed/Driver Ed	Physical Ed	Physical Ed
6	Business Technology/ Reading/ Fine Arts/ Industrial Technology/ World Languages	Career Elective/ Elective/Reading	Career Elective/ Elective	Career Elective/Elective
7	Business Technology/ Fine Arts/ Industrial Technology/ World Languages	Career Elective/ Elective	Career Elective/Elective	Career Elective/Elective
8	Intermediate Algebra or Geometry	Intermediate Geometry or Advanced Math	Advanced Math Course	Career Elective/Elective

- Excel Diploma – 2 world language courses + 30 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 classes in Business and Industrial Technology 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 technology classes will be eligible to receive college credits while in high school. In addition, dual enrollment credit is available in Differential Calculus, Integral Calculus, AP Chemistry, and AP Physics. 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.

EPCHS ACADEMIC PROGRAM

The Academic Program at Evergreen Park Community High School is a specifically designed program for 9th and 10th graders who have demonstrated below average test scores and have not yet reached their academic potential. The program is a general education initiative (RTI) which requires collaborative efforts from all district staff.

Academic freshmen will take the following courses:

Term I

Algebra
Reading 1
*World History-A
PE/Health or Elective

Term II

Algebra
English 1-T
*Scientific Inquiry-A
PE/Health or Elective

**Team taught core classes*

Academic sophomores will take the following courses:

Term I

Geometry
*English 2-A
*US History-A
*Earth Science-A

Term II

Geometry
PE/Driver Education
Reading 2
**Elective

** Team taught core classes*

*** Beginning with the class of 2016, it is recommended that Computer Concepts be successfully completed by the end of 10th grade.*

Academic interventions will include small classes, team taught core classes, tutoring, after-school homework help, incentive field trips, and team building opportunities. Students enrolled in the 9th grade Academic Program will participate in the Summer Bridge transition program.

The Illinois State Board of Education (ISBE) believes that increased student learning requires the consistent practice of providing high quality instruction matched to student needs.

FRESHMAN ADVISORY

The Freshman Advisory Program is a required meeting every other Wednesday, during term one, which meets from 8:15 a.m. to 8:50 a.m. It is designed to help transition eighth grade students, as well as transfer students, to Evergreen Park Community High School. This program will provide each freshman with a supportive environment that allows a smooth transition from junior high school, both academically and socially.

Goals for our Freshman Advisory include:

- Develop interpersonal relationship among staff and students
- Provide academic support to students
- Provide career and college preparation
- Build school culture

Each freshman will be assigned a Freshman Advisory on their schedule. Topics that will be discussed include, but are not limited to:

- Getting to know you – activities to welcome freshmen to develop trust
- Rules and regulations of the high school
- Class officer elections
- Character education
- Course selection for the following school year (registration)
- Progress report/study habits/ “Failure is not an option!”
- Computer lab introduction to career and college search
- Mentors will take an active part in their freshman’s referrals
- Overview/introduction of activities and athletics of the high school
- Attend a co-curricular fair in the gym
- Meet with counselors
- An ongoing orientation that enables freshmen to become familiar with events, rules, policies, procedures, programs, and faculty and staff.

SOPHOMORE ADVISORY

The Sophomore Advisory is a required meeting every other Wednesday during second term, which meets from 8:15 a.m. to 8:50 a.m. It is designed to follow and reinforce the topics addressed in the freshman advisory. There is special emphasis on planning for success in the junior and senior year and on researching for post-secondary education/training.

JUNIOR SEMINAR

Junior Seminar is a required meeting every other Wednesday during second term from 8:15 a.m. to 8:50 a.m. The seminar topics and activities are structured to help juniors prepare and plan for the future. Topics include how to best prepare for the ACT and PSAT tests, personality and learning styles exploration, career exploration and planning, college and/or job training searches, and navigating the financial aid process. In addition, students will learn to use an electronic portfolio software program to facilitate the above topics and more to include scholarship searches, recommendation compilation, development of college essays, etc.

SENIOR SEMINAR

Senior Seminar is a required meeting every other Wednesday during first term from 8:15 a.m. to 8:50 a.m. The seminar topics and activities are structured to help facilitate a smooth transition from high school to post-secondary education, internships, or other choices. This series of meetings will build upon the topics covered during the junior seminar, focus on timelines and work needed to meet deadlines for post-secondary choices, address responsibility and planning issues when students leave the high school environment, and expand upon career options and choices.

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

A freshman must have successfully completed 7 credits, including all core classes prior to the start of term one sophomore year, to be eligible for Sophomore PE/Driver Education.

A sophomore must have successfully completed 10 credits at the end of term one sophomore year, including all core classes, to be eligible to attend EPCHS prom.

A junior must have successfully completed 18 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.

A senior must have successfully completed 24 credits at the end of term one senior year to be eligible to purchase an EPCHS prom ticket or attend EPCHS prom.

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. For the purpose of the Prairie State Achievement Exam, juniors will be defined as students who have obtained a minimum of 11 Carnegie Credits and have passed English 1 and 2 and both the algebra and geometry sequences. These credits must be successfully completed by the beginning of junior year. Students who are ineligible to take the PSAE in junior year must take it in senior year. The PSAE is a requirement for graduation. Only juniors eligible to take the PSAE test and seniors are permitted to purchase tickets to the prom.

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.

PROGRESS REPORTS/REPORT CARDS

Three progress reports will be posted on Family Access each term, spaced approximately four 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 exam grade, 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.

INCOMPLETE GRADES

Incompletes should be made up within the first two weeks of the term following 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.

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.

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

EXAM POLICY

All students in grades 9 - 12 are required to participate in written midterms and finals during the designated exam periods. Exams will be given at the midpoint (10% of grade) and end of each term (10% of grade).

GRADING SCALE/WEIGHTEDNESS

Letter Grade	Grading Scale	Standard	Weighted Honors/AP*
A+	98-100	4.333	5.333
A	93-97	4.000	5.000
A-	90-92	3.667	4.667
B+	88-89	3.333	4.333
B	83-87	3.000	4.000
B-	80-82	2.667	3.667
C+	78-79	2.333	3.333
C	73-77	2.000	3.000
C-	70-72	1.667	2.667
D+	68-69	1.333	1.333
D	63-67	1.000	1.000
D-	60-62	.667	.667
F	0-59	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 of homework.

SPECIAL SERVICES

A variety of special educational services are available to students who have been determined to be eligible for services. These services include but are not limited to: educational and psychological testing, the school social worker, a school health aide, and academic assistance. Educational programs are available for students identified as having learning disabilities or learning handicaps.

Any student or parent/guardian who believes that they need to activate any special services should contact the student's counselor for further information.

SUMMER SCHOOL

Evergreen Park Community High School will offer a self-funded summer school program for the purpose of remediation. 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.

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.

Ms. Laura Concialdi	Business Education Technology & Technology Education
Ms. Norah Fahlen	Director of Student Services Special Education
Mr. John McGuire	Director of Discipline Summer School Driver Education
Ms. Eleanor Johnston	Math
Mr. Ben Nesler	Social Studies
Mrs. Sandy Safranek	Fine Arts World Languages
Mr. William J. Sanderson	All Departments Counseling Services Scheduling & Programming Questions
Mrs. Debbie Schillo	Curriculum Director English
Mrs. Lynn Skizas	Science
Mr. Jim Soldan	Athletic Director Physical Education
Ms. Beth Spezia	Activities Director
Mrs. Tina Ward	Media & LRC Programs

**COURSE OFFERINGS
2012-13**

ART

Ceramics, Sculpture, Jewelry Design
Studio Ceramics, Sculpture, Jewelry Design
Intro to Art (*beginning with class of 2016*)
Beginning Art
Drawing (AP Option)
Painting (AP Option)
Advanced Art (AP Option)
Studio Art (AP Option)
Art History (H) (AP)
Computer Graphics 1
Computer Graphics 2
Studio Computer Graphics
Photography
Studio Photography

BUSINESS

Computer Concepts (*beginning with class of 2016*)
Microcomputer Applications*
Advanced Microcomputer Applications*
Business Principles*
Accounting 1*
Accounting 2*
Web Page Design/Publishing
Web Page Design 2
Workplace Strategies/Internship

ENGLISH

Reading 1
English 1-T
English 1
English 1 (H)
Reading 2
English 2-A
English 2
English 2 (H)
English 3-A
English 3
Composition
Language & Composition (H) (AP)
English 4
Literature & Composition (H) (AP)
College and Career Readiness
Superstitions, Myths, & Legends
Film & Fiction
Publications

INDUSTRIAL TECHNOLOGY

Technology Concepts (*beginning with class of 2016*)
Intro to Industrial Technology
Building Trades 1**
Building Trades 2
Electronics*
Metals Technology*
CAD 1 (Computer Assisted Drafting) *
CAD 2 (Computer Assisted Drafting) *
Power Mechanics*
Computer Servicing*

MATHEMATICS

Algebra
Algebra (H)
Geometry
Geometry (H)
Algebra 2A
Algebra 2B
Advanced Algebra/Trig
Probability & Statistics
Advanced Algebra/Trigonometry (H)
Trigonometry/Analytic Geometry (H)
Precalculus (H)
Differential Calculus (H) (AP)*
Integral Calculus (H) (AP)*
AP Statistics (H) (AP)

*Optional dual enrollment credit with MVCC (Business/Industrial Technology CTE Dual Credit Courses are subject to change yearly.)

**Optional dual enrollment credit with South Suburban College (Industrial Technology CTE Dual Credit Courses are subject to change yearly.)

MUSIC

Beginning Band
Percussion Performance
Concert Band
Symphonic Wind Ensemble
Symphonic Wind Ensemble (seniors)
Symphonic Wind Ensemble (H)
Color Guard/Winter Guard
Jazz Ensemble
Jazz Combo
Mixed Chorus
Concert Choir
Madrigals/Concert Choir
Madrigals/Concert Choir (seniors)
Madrigals/Concert Choir (H)

PE/HEALTH/DRIVER EDUCATION

PE: Freshman – Senior
PE: Junior Leadership
PE: Senior Leadership
PE: Health
PE: Drivers Education
PE: Strength and Conditioning
PE: Special Education PE Internship

SCIENCE

Scientific Inquiry-A (*beginning with class of 2016*)
Scientific Inquiry (*beginning with class of 2016*)
Biology (H)
Earth and Space Science-A
Earth and Space Science
Chemistry
Chemistry (H)
Integrated Chemistry/Physics-A
Integrated Chemistry/Physics
Physics
Physics (H)
Advanced Chemistry (H) (AP) *
Anatomy and Physiology
Forensic Science
Ecology

SOCIAL STUDIES

World History-A
World History
World History (H)
U.S. History 1-A
U.S. History 1
U.S. History 1 (H)
U.S. History 2-A
U.S. History 2
U.S. History 2 (H) (AP)

SOCIAL STUDIES (CONTINUED)

European History (H) (AP)
Psychology
Psychology (H) (AP)
Current Events
American Law: Our Political Culture
in the new Millennium

SPECIAL EDUCATION

Essential Reading
Essential Reading 2
Essential English 1
Essential English 2
Essential English 3
Essential English Composition
Essential English 4
Essential College and Career Readiness
Essential Algebra
Essential Geometry
Essential Algebra 2A/ Essential Algebra 2B
Essential Scientific Inquiry
Essential Earth and Space Science
Essential Integrated Chemistry/Physics
Essential Health/PE
Essential World History
Essential U.S. History 1
Essential U.S. History 2
Essential Microcomputer Applications
Essential Workplace Strategies
AERO Internship

WORLD LANGUAGES

French 1
French 2
French 3
French 4
French 5 (H) (AP Option)
Spanish 1
Spanish 2
Spanish 3
Spanish 4
Spanish 5 (H) (AP Option)

(H) = Honors

(AP) = Advanced Placement

*Optional dual enrollment credit with MVCC (Business/Industrial Technology CTE Dual Credit Courses are subject to change yearly.)

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 will never receive further art training. Those students who continue 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.

A laboratory fee is required for all art courses. Please refer to general fee schedule.

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 the concept of sculpture. Students will create both nonrepresentational and representational three-dimensional forms. The middle of the term will cover both hand built and wheel techniques of creating pottery and sculpture from design to final state. The end of the term, students will explore the art of jewelry making. During this class, the student will be introduced to a variety of other sculptural media besides clay. This course stresses original creative effort and technical manipulation of sculptural materials.

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

Prerequisites: None

Level: 9 (beginning with class of 2016)

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 in 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 the art media of drawing and color pencils, acrylic paints, paper sculpture, marker, and charcoal.

BEGINNING ART (1 Term) – 1 credit – Course #617 – NEW COURSE

Prerequisites: None

Level: 10, 11, 12

The Beginning Art course is designed to meet the needs of all high school students as an entry-level experience in the visual arts. Emphasis is placed on the fundamentals of design, color theory, and careful observation through the use of two-dimensional media in drawing and painting. 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.

DRAWING (1 Term) – 1 credit (AP Option) – Course #618 – NEW COURSE

Prerequisites: Completion of Introduction to Art, Beginning Art, or Art 1 with a grade of “C-” or better. If a grade of less than “C-” was earned, then must obtain permission of division chair.

Level: 10, 11, 12

(For seniors only, fulfills the 12th grade Science emphasis requirement.)

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 drawing and color pencils, charcoal, 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 metamorphosis, while developing an individual approach to art media and techniques. Students will continue to 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 develop an AP portfolio in Drawing or Two-Dimensional Design is available, but not mandatory.

PAINTING (1 Term) - 1 credit (AP Option) – Course #619 – NEW COURSE

Prerequisites: Completion of Introduction to Art, Beginning Art, or Art 1 with a grade of “C-” or better. If a grade of less than “C-” was earned, then must obtain permission of division chair.

Level: 10, 11, 12

(For seniors only, fulfills the 12th grade Social Studies emphasis requirement.)

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 watercolor, 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, and abstraction, while developing an individual approach to art media and techniques. 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 learn how to talk about and evaluate works of art, including their own. An option to develop an AP portfolio in Two-Dimensional Design is available, but not mandatory.

ADVANCED ART (1 Term) - 1 credit (AP Option) – Course #620 – NEW COURSE

Prerequisites: Completion of either Drawing, Painting, or Art 2 with a grade of “C-” or better. If a grade of less than “C-” was earned, then must obtain permission of division chair.

Level: 10, 11, 12

(For seniors only, fulfills the 12th grade Math or Social Studies emphasis requirement.)

The Advanced Art course will provide the students with the opportunity to explore visual self-expression in a variety of two-dimensional and three-dimensional drawing, painting, printmaking, and sculpture media. The students will build upon their knowledge of the Art elements and principles while developing advanced level approaches to creating artwork. Studies will include drawing using ratios and sighting, sculpting with found objects, linocut, and advanced color theory.

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 AP portfolio may also be prepared as part of this course in Drawing or Two-Dimensional Design.

STUDIO ART (1 Term) - 1 credit – Course #612 - 615

Prerequisites: Completion of any of the following courses: Advanced Art (#615), Photography (#613), Ceramics/Sculpture/Jewelry Design (#612), Computer Graphics 2 (#614), and division chair consent.

Level: 11, 12

*See registration sheet for core career elective information

Studio Art is designed for students who have successfully completed any one of the prerequisite courses listed above. There is an emphasis on portfolio preparation and advanced skill levels in the students' designated media. Students may be placed in existing courses related to the area they select.

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

Prerequisites: None

Level: 10, 11, 12

(For seniors only, fulfills the 12th grade Social Studies emphasis requirement.)

Advanced Placement Art History is designed for the non-artist. It is a chronologically organized course covering prehistoric art through contemporary art. Emphasis is placed on recurring themes in art as seen in historical context. Attention is given to writing strategies that would enable the student to successfully complete the AP Art History test. Field trips enable students to expand on those concepts learned in class.

COMPUTER GRAPHICS 1 (1 Term) - 1 credit – Course #608

Prerequisites: None

Level: 10, 11, 12

Computer Graphics 1 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.

COMPUTER GRAPHICS 2 (1 Term) - 1 credit – Course #609

Prerequisites: Completion of Computer Graphics 1 with a grade of "C-" or better.
If a grade of less than "C-" was earned, then must obtain permission of division chair.

Level: 11, 12

(For seniors only, fulfills the 12th grade Math emphasis requirement.)

Computer Graphics 2 is an advanced graphics class that will teach students about the art and business of Graphic Design. Students will further their knowledge and skill in Adobe Illustrator and Adobe Photoshop. More advanced photo editing, manipulation, and digital layout techniques will be explored. Students will continue to expand their digital portfolio to showcase their work. Two-dimensional and three-dimensional graphic artwork will be created including movie posters, menus, and other multi-page layouts. Contemporary designers will be studied and current designs will be analyzed. The field of graphic design will also be explored, and students will learn about jobs related to this field.

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

Prerequisites: None

Level: 10, 11, 12

(For seniors only, fulfills the 12th grade Math emphasis requirement.)

The Photography 4 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.

**Students are required to have a basic 35MM camera and access to a digital camera. Students are required to purchase his/her own printing paper. The approximate cost of printing paper is \$80.

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

Prerequisites: Approval of division chair

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.

<i>District 231 CTE Dual Credit through MVCC</i>		
District 231 Courses	MVCC Courses	College Credits
Accounting 1	OSA-249 Accounting for Office Professionals	3
Accounting 1 <i>and</i> 2	BUS-142 Financial Accounting	4
Advanced Microcomputer Applications	IMS 215 Advanced PC Applications	3
Business Principles	BUS-100 Introduction to Business	3
Microcomputer Applications (10, 11, 12)	IMS-115 Introduction to PC Applications	3

Students may earn college credit from Moraine Valley Community College if they earn a grade of "B" or higher. (Business/Industrial Technology CTE Dual Credit Courses are subject to change yearly)

COMPUTER CONCEPTS (9 Weeks) – 1/2 credit – Course #525 – NEW COURSE

Prerequisites: None

Level: 9 (beginning with class of 2016)

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.

MICROCOMPUTER APPLICATIONS (1 Term) - 1 credit – Course #520

Prerequisites: None

Level: 10, 11, 12

This one term course will provide you with instruction in the basics of keyboarding, word processing, database management, spreadsheet, and presentation design utilizing the Microsoft Office Suite. Skills learned can be applied to activities and applications for school, home, and business use.

MICROCOMPUTER APPLICATIONS - 0 hour (2 Terms) - 1 credit – Course #521

Prerequisites: None

Level: 10, 11, 12

This course is a full year microcomputer applications course offered 0 block (7:30 a.m.) with same curriculum as 1 term Microcomputer Applications.

ADVANCED MICROCOMPUTER APPLICATIONS (1 Term) - 1 credit – Course #523

Prerequisites: Completion of Computer Concepts or Microcomputer Applications with a grade of “C-“or better. If a grade of less than “C-“ was earned, then must obtain permission of division chair.

Level: 9, 10, 11, 12

This one term course will provide you with instruction in advanced word processing, spreadsheet, database management, and presentation design/multimedia utilizing the Microsoft Office Suite.

BUSINESS PRINCIPLES (1 Term) – 1 Credit – Course #531

Prerequisites: None

Level: 10, 11, 12

(For seniors only, fulfills the 12th grade Social Studies emphasis requirement)

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

Prerequisites: None

Level: 10, 11, 12

(For seniors only, fulfills the 12th grade Math emphasis requirement)

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: 11, 12

(For seniors only, fulfills the 12th grade Math emphasis requirement)

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 multistore 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

Prerequisites: Completion of Computer Concepts or Microcomputer Applications, with a grade of “C-“or better. If a grade of less than “C-“ was earned, then must obtain permission of division chair.

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.

WEB PAGE DESIGN 2 (1 Term) – 1 credit – Course #532

Prerequisites: Completion of Web Page Design/Publishing with a grade of “C-“ or better. If a grade of less than “C-“ was earned, then must obtain permission of division chair.

Level: 10, 11, 12

This course is a continuation of Web Page Design/Publishing and strengthens skills that students learned in that class. An emphasis is placed on multimedia applications and programming tools, such as JavaScript and HTML, and using them to create Web pages that combine text, hyperlinks, image, video and sound. Hardware and software are used to capture, create, edit, and compress audio and video clips and animated text, graphics and images. Students will apply their web design skills to collaborating with local businesses in development of web pages.

WORKPLACE STRATEGIES/INTERNSHIP (1 Term) - 1 credit – Course #533

Prerequisites: Completed Application and Interview with division chair

Level: 12

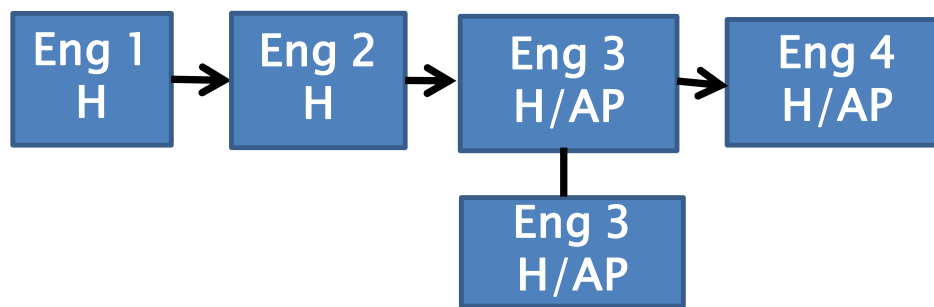
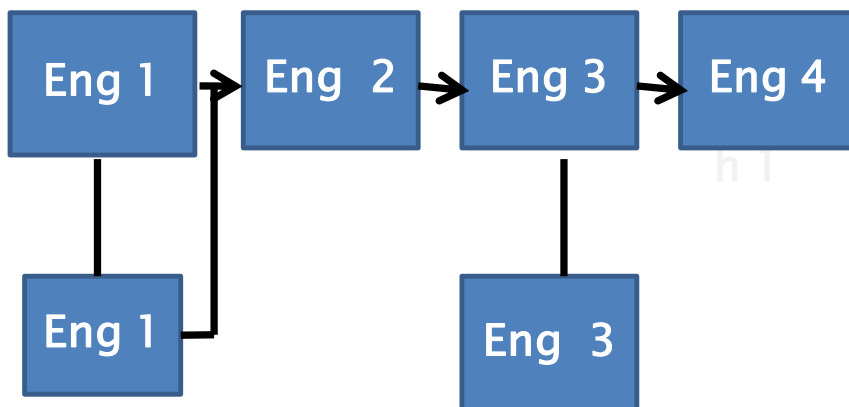
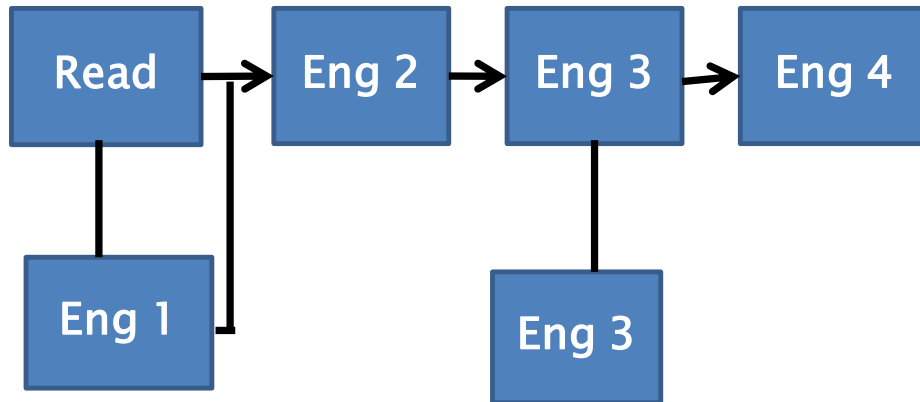
Workplace Strategies is a comprehensive program designed to provide students with the skills needed to be successful in the school-to-work transition. The content of the course includes classroom experience and career simulation to provide students with a working knowledge of expectations of the job market. Emphasis will be placed on development of communication skills both oral and written, the job search, and familiarity with common business practices utilized on a daily basis.

Along with the classroom activities, students will receive on-the-job training of classroom principles based on a specific career choice. Internship placement will be with local businesses who will provide students with a chance to expand their career knowledge.

Selection to the program will be based on a completed application, 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.

English Flowchart

Beginning with the Class of 2016



ENGLISH

Beginning with the class of 2016, 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 implements the Read 180 program. This is an intensive reading intervention program designed to meet the needs of students whose reading achievement is below the proficient level. The program directly addresses individual needs through adaptive and instructional software, high-interest literature, notification, and direct instruction in reading and writing skills.

ENGLISH 1-T (1 Term) – 1 credit – Course #055

Prerequisites: Completion of Term 1 Reading 1 (Course #050)

Appropriate score on 9th grade placement tests

Level: 9

This course focuses on skill improvement that is coordinated with the study of short stories, epic poetry, novels and drama as well as a sequential vocabulary program. Activities will focus on strategies that allow students to set clear purposes for reading and writing and to help students construct meaning from literary work.

ENGLISH 1 – 0 hour (2 Terms) - 2 credits – Course #081 & #082 – NEW COURSE

Prerequisites: Appropriate score on 9th grade placement tests

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.

ENGLISH 1 (2 Terms) - 2 credits – Course #083 & #084 - NEW COURSE

Prerequisites: Appropriate score on 9th grade placement tests

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.

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

Prerequisites: Appropriate score on 9th grade placement tests

Level: 9

The core curriculum of this course is based on that of English 1. It is also designed to challenge students through an intensive exposure to literature and composition, which emphasizes the use of critical thinking and analytical skills. Students are expected to exhibit above average grammar and study skills necessary to meet the demands of this in-depth coverage of the freshman curriculum.

READING 2 (1 TERM) – 1 credit – Course #051

Prerequisites: Successful completion of Reading 1 course and/or teacher recommendation

Level: 10

The Reading 2 course combines research based reading practices with the effective implementation of the Read 180 program, offering students a continuing opportunity to achieve reading success through a combination of instructional, modeled and differentiated reading components. Emphasis will be placed on comprehension and fluency, analyzing, interpreting and comparing a variety of texts for purpose, structure, detail, content and effect, and relating reading with information from other sources.

ENGLISH 2-A (1 Term) – 1 credit – Course #056

Prerequisites: Successful completion of English 1-A

Level: 10

This course focuses on the study of literature within the novel, nonfiction, poetry, and mass media, complemented by instruction in speech as well as continuation of the sequential vocabulary program. Basic grammar and composition skills are stressed.

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

Prerequisites: Successful completion of English 1 course

Level: 10

This course focuses on the study of literature within the novel, nonfiction, poetry, and mass media, complemented by instruction in speech as well as continuation of the sequential vocabulary program. Basic grammar and composition skills are stressed.

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

Prerequisites: Successful completion of English 1 course with A or B or division chair recommendation

Level: 10

This course is designed to challenge above average and excellent students. Using the core curriculum of English 2 as its base, it also requires students to develop interpretive skills in the analysis, evaluation, and synthesis of literary works. Critical-thinking skills that were introduced on the freshman level will be developed during the process of researching and writing formal papers and speeches.

ENGLISH 3-A (1 Term) – 1 credit – Course #057

Prerequisites: Successful completion of English 2-A

Level: 11

The English 3 course is devoted to an understanding of American ideals as expressed through our multicultural literary heritage through short stories, novels, and poetry. This course emphasizes vocabulary development, reading skills, ACT preparation, and composition.

ENGLISH 3 (1 Term) - 1 credit – Course #064

Prerequisites: Successful completion of English 1 and English 2

Level: 11

The English 3 course is devoted to an understanding of American ideals as expressed through our multicultural literary heritage through short stories, novels, and poetry. This course emphasizes vocabulary development, reading skills, ACT preparation, and composition.

COMPOSITION (1 Term) – 1 credit – Course #065

Prerequisites: Successful completion of English 1 and English 2

Level: 11

In addition to the primary focus of intensive writing, this course continues to emphasize the major works of American literature, vocabulary development, reading skills, and ACT preparation. It is designed to address the Illinois State Board of Education (ISBE) intensive writing requirement by integrating the elements of the writing process and applying research skills.

LANGUAGE AND COMPOSITION HONORS (AP) (2 Terms) - 2 credits - Course #066 & 067

Prerequisites: Successful completion of English 1 and 2, with A or B or division chair recommendation. Taking Honors English 1 and 2 is highly recommended.

NOTE: Summer reading required

Level: 11

American Literature and Composition is devoted to an understanding of American ideals through our literary heritage. Students deal broadly and in-depth with longer, thoughtful and more demanding works. Critical analysis is emphasized. Students write relatively long papers calling for more advanced techniques of analysis and criticism, and study vocabulary extensively. Students are expected to read and write with genuine skill, ease, and insight. 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.

ENGLISH 4 (1 Term) - 1 credit – Course #069

Prerequisites: Successful completion of English 1, 2, and 3

Level: 12

The course is designed to help college-bound students analyze prose, both fiction and nonfiction, and prepare students for college-level writing. Emphasis is placed upon application of language principles to the understanding of literature, analyzing readings to understand what the author is saying, 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.

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

Prerequisites: Successful completion of Language and Composition (H) (AP) is highly recommended or teacher recommendation

NOTE: Summer reading required

Level: 12

This course will follow a sequential pattern in studying the development of English and world literature and culture from the time of ancient Greece to the modern age. Selected works of major writers and philosophers will serve to provide a background 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.

COLLEGE AND CAREER READINESS (1 Term) - 1 credit – Course #080

Prerequisites: Successful completion of English 1, 2, and 3 and appropriate ACT score

Level: 12

(Fulfills 12th grade Math emphasis requirement)

This course is designed to provide additional academic help in math, reading, and writing in an effort to bring these skills up to college readiness. Strengthening academic skills will be the focus of the curriculum.

SUPERSTITIONS, MYTHS, AND LEGENDS (1 Term) - 1 credit – Course #075

ELECTIVE

Prerequisites: None

Level: 10, 11, 12

This course is designed to identify the origin of superstitions, myths, and legends. Students, through group work, presentations, and research, will analyze how myths and legends affect as well as reflect the cultures from which they originate.

FILM AND FICTION (1 Term) - 1 credit – Course #074

ELECTIVE

Prerequisites: None

Level: 11, 12

This course will include the study of film from the silent era to the present and the effect literature has had on this industry. It will also emphasize the parallel natures of film and literature in the areas of theme, characterization, description, mood, and tone and will include film production.

PUBLICATIONS (2 Terms) – 0 hour - 1 credit – Course #078

ELECTIVE

Prerequisites: Successful completion of English with a C or better average;
successful completion of Micro Applications is strongly
recommended

Level: 10, 11, 12

Publications is a full year course which meets during the 50-minute zero block. The course teaches students the process of writing for EPCHS' two student-centered publications, the yearbook (Eta Pi Chi) and newspaper (Mustang Monitor). Students will develop their skills in writing for publications, learn desktop publishing and create leadership skills through marketing and sales of advertisements.

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

ELECTIVE

Prerequisite: Approval of division chair

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 CAD and one other course in industrial materials as college preparatory work.

A laboratory fee is charged for all industrial education courses. Please refer to the course fee schedule.

<i>District 231 CTE Dual Credit through MVCC</i>		
District 231 Courses	MVCC Courses	College Credits
CAD 1	MDT-101 Introduction to Drafting	3
CAD 2	MDT-145 Introduction to Computer Aided Drafting	3
Computer Servicing	LAN-111 IT Essentials—A+ &	3
	LAN-112 Managing IT—A+	3
Electronics	ELT-101 Electricity & Electronics	3
Metals Technology	IST-101 Introduction to Machine Tools	3
Power Mechanics	AUT-112 Introductory Automotive Technology	4
<i>District 231 CTE Dual Credit through South Suburban College</i>		
Building Trades 1	BLD-101 Construction Materials & Methods 1, Wood	3

Students may earn college credit from Moraine Valley Community College or South Suburban College if they earn a grade of "B" or higher. (Business/Industrial Technology CTE Dual Credit Courses are subject to change yearly)

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

Prerequisites: None

Level: 9 (beginning with class of 2016)

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, CAD-drafting, electronics, metals, and powers to apply to designing problem-based, real world activities.

INTRO TO INDUSTRIAL TECHNOLOGY (1 Term) - 1 credit – Course #800

Prerequisites: None

Level: 10, 11, 12

This is an exploratory course that familiarizes students with some of the basic areas of Industrial Technology. The main areas of concentration are: Production, Communication, Energy, and Transportation. Safety in the workplace is fundamental in each of these areas. Basic skills development in woods, metals, electronics, powers, and drafting will be the focus of student course work and projects. Students will have the opportunity to utilize computers and current technologies in problem based, real world activities.

BUILDING TRADES 1 (1 Term) - 1 credit – Course #803

Prerequisites: None

Level: 10, 11, 12

(For seniors only, fulfills 12th grade Math emphasis requirement)

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.

BUILDING TRADES 2 (1 Term) - 1 credit – Course #804

Prerequisites: Building Trades 1

Level: 11, 12

(For seniors only, fulfills 12th grade Math emphasis requirement)

The content of this class will be on advanced skill development in the areas of modern construction techniques and in workplace safety.

ELECTRONICS (1 Term) - 1 credit – Course #801

Prerequisites: None

Level: 10, 11, 12

(For seniors only, fulfills 12th grade Math emphasis requirement)

This course introduces students to the modern concepts of electricity and electronics. This course is primarily a laboratory course, giving students a sound, practical understanding of electricity and electronics.

METALS TECHNOLOGY (1 Term) - 1 credit – Course #802

Prerequisites: None

Level: 10, 11, 12

(For seniors only, fulfills 12th grade Science emphasis requirement)

Since 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.

CAD 1 (1 Term) - 1 credit – Course #806

Prerequisites: None

Level: 10, 11, 12

(For seniors only, fulfills 12th grade Math emphasis requirement)

Since drafting and CAD drawing are of major importance to the designing or producing of most man-made materials, fundamentals of drafting common to most branches of industry will be studied utilizing the AUTOCAD software program. Students will study orthographic projection, auxiliary views, pictorial drawings, and architectural drawing. This class is recommended for engineering, machinists, architects, and manufacturing professionals.

CAD 2 (1 Term) - 1 credit – Course #807

Prerequisites: CAD 1

Level: 11, 12

(For seniors only, fulfills 12th grade Math emphasis requirement)

This course is an advanced extension of CAD 1. Students will gain more experience working with the AUTOCAD software to design and produce advanced projects. Topics will include architecture and model-making.

POWER MECHANICS (1 Term) - 1 credit – Course #805

Prerequisites: None

Level: 11, 12

(For seniors only, fulfills 12th grade Science emphasis requirement)

This course introduces the students to the industry and science of small engines, automobile engines, and the automobile chassis. The course will continue with the study of automobile systems, transmission, differential, brakes, and body and fender repair. Repair work will be done on shop equipment and autos brought in. Upon completion of the course, students should be able to analyze automobiles for repair work, distinguish broken parts, and know how to replace them.

COMPUTER SERVICING (1 Term) – 1 credit – Course #808

Prerequisites: None; *approval of division chair

Level: 10*, 11, 12

(For seniors only, fulfills 12th grade Science emphasis requirement)

This course offers a hands-on approach to microcomputer maintenance and software. Topics will include the installation, operation and maintenance of various computer hardware devices as well as printers and other peripherals. Further experience will be provided in configuring and installing various operating systems.

INDUSTRIAL TECHNOLOGY AIDE (1 Term) - 1 credit – Course #900

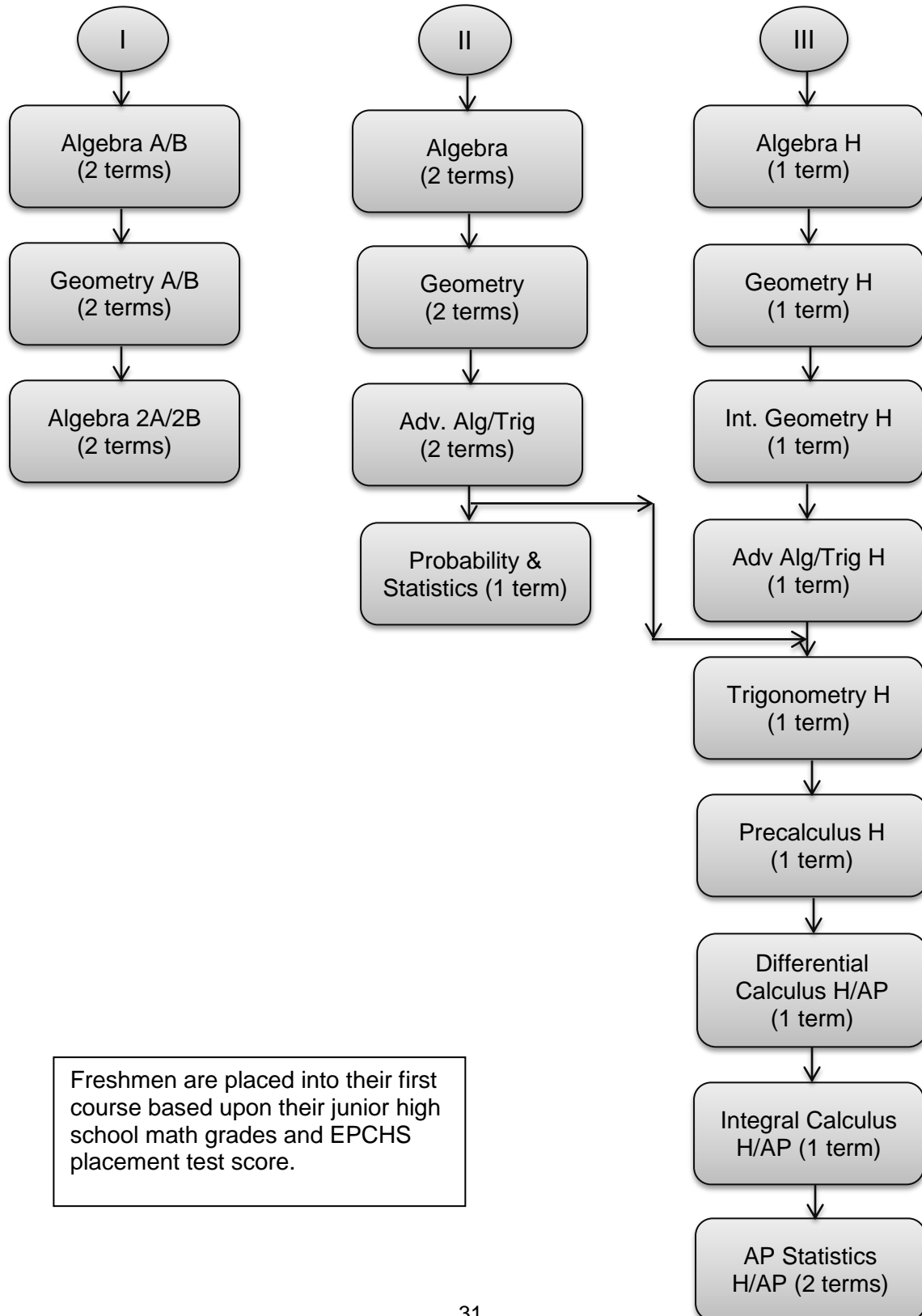
Prerequisites: Approval of division chair.

Level: 12

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

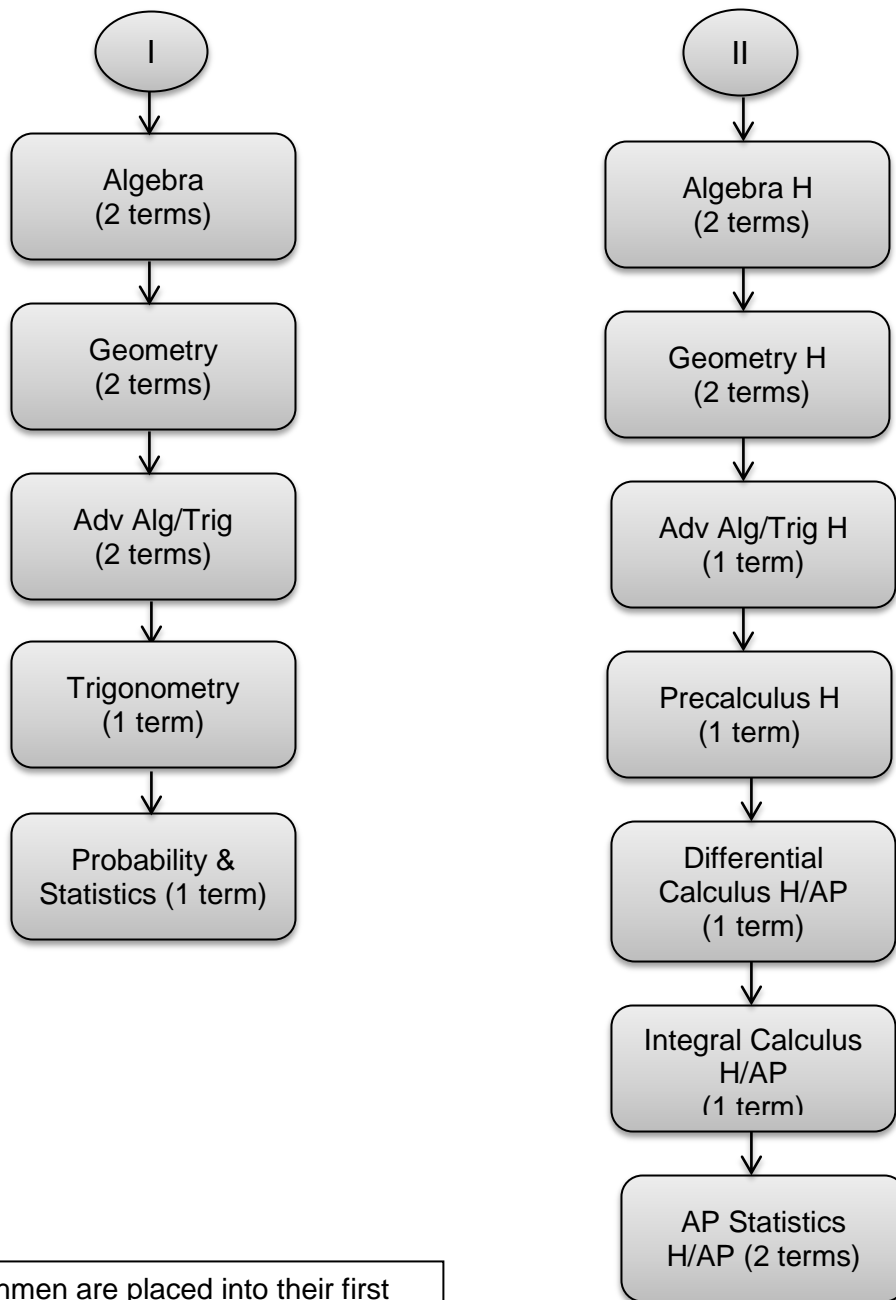
This chart depicts courses for students who will be in 11th or 12th grade in 2012 – 2013

MATH DEPARTMENT COURSES



This chart depicts courses for students who will be in 9th or 10th grade in 2012 – 2013

MATH DEPARTMENT COURSES



Freshmen are placed into their first course based upon their junior high school math grades, MAP scores and EPCHS placement test score.

MATHEMATICS

A wide choice of courses ranging from Algebra to Calculus is available. Some of these courses are purely mathematical in scope and others relate to careers, services, or professions. It is recommended that students give careful thought to the selection of their first mathematics course in high school. Success in all following courses depends heavily on this selection. Prior to the selection of their courses, students should study the course descriptions and discuss their choice with their parents, mathematics instructors, and counselors.

A flat workbook-materials-services and/or laboratory fee is required for all mathematics courses. Refer to general fee list.

All math courses with an honors designation receive a weighted grade.

ALGEBRA (2 Terms) - 2 credits - Course #330 & #331

Calculator requirement: TI-Nspire CX or TI-Nspire with Touchpad (non-CAS)

Prerequisites: Appropriate score on 9th grade placement tests

Level: 9

This course will consist of an arithmetic skills review coupled with basic algebra skills. Topics covered in term one will include operations with integers and rational numbers, algebraic expressions, solving equations and inequalities, linear equations and graphing in a coordinate plane. Term two will focus on the study of systems of equations and inequalities, operations with polynomials, factoring, radicals, rational expressions and solving quadratic, radical and rational equations. Students in this class will be given additional support on a daily basis.

ALGEBRA (2 Terms) - 2 credits - Course #332 & #333

Calculator requirement: TI-Nspire CX or TI-Nspire with Touchpad (non-CAS)

Prerequisites: Appropriate score on 9th grade placement tests

Level: 9

This course will consist of an arithmetic skills review coupled with basic algebra skills. Topics covered in term one will include operations with integers and rational numbers, algebraic expressions, solving equations and inequalities, linear equations and graphing in a coordinate plane. Term two will focus on the study of systems of equations and inequalities, operations with polynomials, factoring, radicals, rational expressions and solving quadratic, radical and rational equations.

ALGEBRA (H) (2 Terms) - 2 credits - Course #347 & #348

Calculator requirement: TI-Nspire CX or TI-Nspire with Touchpad (non-CAS)

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 and work ethic in mathematics. It is a comprehensive course covering basic to advanced algebra concepts in depth. Some of these topics include solving equations and inequalities, exponents and polynomials, rational expressions and equations, radical expressions and equations, relations and functions, and quadratic equations.

GEOMETRY (2 Terms) - 2 credits - Course #355 & #356

Calculator requirement: TI-Nspire CX or TI-Nspire with Touchpad (non-CAS)

Prerequisites: Successful completion of Algebra

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. Students in this class will be given additional support on a daily basis.

GEOMETRY (2 Terms) - 2 credits - Course #349 & #350

Calculator requirement: TI-Nspire CX or TI-Nspire with Touchpad (non-CAS)

Prerequisites: Successful completion of Algebra

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.

GEOMETRY (H) (2 Terms) – 2 credits - Course #351 & #352

Calculator requirement: TI-Nspire CX or TI-Nspire with Touchpad (non-CAS)

Prerequisites: Completion of Algebra Honors with a grade of “C” or better and teacher recommendation

Level: 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. Topics covered include deductive reasoning and logic, the study of the properties of plane and solid geometric figures, similarity, congruence, parallelism, perpendicularity and rules of angle measurement in triangles.

ALGEBRA 2A (1 term) – 1 credit - Course #325

Calculator requirement: TI-Nspire CX or TI-Nspire with Touchpad (non-CAS)

Prerequisites: Successful completion of Geometry B

Level: 11

This course is designed to develop proficiency with algebraic skills, to expand understanding of algebraic concepts and to improve logical thinking. Topics covered include factoring, linear equations and inequalities, relations and functions, linear systems and matrices.

ALGEBRA 2B (1 term) - 1 credit - Course #326

Calculator requirement: TI-Nspire CX or TI-Nspire with Touchpad (non-CAS)

Prerequisites: Successful completion of Algebra 2A

Level: 11

This course is the second part of a two-part course. Topics covered include factoring rational expressions, solving quadratic equations, operations with exponents and radicals, and solving radical and rational equations.

ADVANCED ALGEBRA/TRIG - (2 terms) - 2 credits - Course #345 & #346

Calculator requirement: TI-Nspire CX or TI-Nspire with Touchpad (non-CAS)

Prerequisites: Successful completion of Intermediate Geometry

Level: 11

This course is designed to develop proficiency with algebraic skills, to expand understanding of algebraic concepts and to improve logical thinking. Basic concepts are reviewed and some advanced topics are studied. Topics covered include polynomials, factoring, radicals, inequalities, relations, functions, complex numbers, systems of equations, matrices, quadratic equations, rational exponents, rational equations, conic sections, sequences, series and introductory trigonometry.

PROBABILITY AND STATISTICS (1 term) - 1 credit - Course #344

Calculator requirement: TI 83 Plus or TI 84

Prerequisites: Completion of Advanced Algebra/Trig with a grade of "B" or better or Advanced Algebra/Trigonometry (H) with a grade of "C" or better

Level: 12

This course is a general introduction to probability and statistics. Topics covered include the nature of statistics, data description, numerical methods for analyzing data, rules of probability, probability distributions and their properties, the normal distribution, sampling, estimation, and hypothesis testing. Applications in areas such as sociology, business, economics, ecology, education, medicine, psychology, and mathematics will be covered.

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

Calculator requirement: TI-Nspire CX or TI-Nspire with Touchpad (non-CAS)

Prerequisites: Completion of Intermediate Geometry (H) with a grade of "C" or better and teacher recommendation

Level: 10

This course is designed for the serious math student who has above average ability and interest in math. It is a comprehensive course covering basic algebraic concepts in depth as well as more advanced topics. Some of these topics include functions, determinants, matrices, complex numbers, and introductory trigonometry.

TRIGONOMETRY/ANALYTIC GEOMETRY (H) (1 term) - 1 credit - Course #340

Calculator requirement: TI-Nspire CX or TI-Nspire with Touchpad (non-CAS)

Prerequisites: Completion of Advanced Algebra/Trigonometry (H) with a grade of "C" or better and teacher recommendation OR successful completion of Advanced Algebra/Trig with a grade of "B" or better and teacher recommendation

Level: 11, 12

This course is designed for the serious math student. Topics covered include trig identities, inverse trig functions and circular functions. Analytic geometry topics include lines, circles, translations and rotations, and the conics (the parabola, the ellipse and the hyperbola).

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

Calculator requirement: TI-Nspire CX or TI-Nspire with Touchpad (non-CAS)

Prerequisites: Completion of Trigonometry/Analytic Geometry (H) with a grade of "C" or better and teacher recommendation

Level: 10, 11, 12

This course is designed for the serious math student. Topics covered include families of functions, graphing functions, solving quadratic, cubic and higher order equations, complex numbers, exponential and logarithmic functions, conics, trigonometric functions, identities and applications.

DIFFERENTIAL CALCULUS (H/AP) - (1 term) - 1 credit - Course #342

NOTE: Optional dual enrollment credit is available with Moraine Valley Community College. An additional fee is required.

Requirement: TI 83 Plus or TI 84

Prerequisites: Successful completion of Precalculus (H) with a grade of "C" or better and teacher recommendation

Level: 12

This course is designed for the college-bound student with an interest and ability in advanced mathematics. 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.

INTEGRAL CALCULUS (H/AP) - (1 term) - 1 credit - Course #343

NOTE: Optional dual enrollment credit is available with Moraine Valley Community College. An additional fee is required.

Requirement: TI 83 Plus or TI 84

Prerequisites: Successful completion of Differential Calculus Honors with a grade of "C" or better and teacher recommendation

Level: 12

This course is designed for the college-bound student and is to be taken after the successful completion of differential calculus. Topics include applications of the integral, techniques of integration, indeterminate forms, improper integrals, infinite series, conic sections, polar coordinates and parametric equations. Students completing both Differential and Integral Calculus may choose to take the Advanced Placement Calculus test.

AP STATISTICS (H/AP) – (2 terms) – 2 credits – Course #353 & #354

Requirement: TI 83 Plus or TI 84

Prerequisites: Successful completion of Differential and Integral Calculus H/AP with a grade of "C" or better and teacher recommendation

Level: 12

This is an independent study course and is for the serious college-bound student. 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. Technology, which includes an online stats portal, spreadsheets, a graphing calculator, and a companion website, will be utilized throughout the course. All students must have a TI-84 or better graphing calculator, which will be used extensively throughout the course. Students taking this course are required to take the AP Statistics exam.

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. 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 for Term II Concert Band.

PERCUSSION PERFORMANCE (1 Term - 1 credit, 2 Terms – 2 credits) - Course #659 & #660

Prerequisites: Audition Required

Level: 9, 10, 11, 12

This course is designed to provide any student the opportunity to learn and improve basic skills in the field of percussion and percussion performance. Members of this class are automatically the Term II Concert Band's percussion section. A few "0" block rehearsals before a concert or a contest are required. 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 May. Participation in spring concerts, IHSA events, and VanderCook's "Day of Percussion" is expected. Attendance at summer camp is REQUIRED for this course and will be counted toward Term 1 grades.

CONCERT BAND (1 Term - 1 credit, 2 Terms – 2 credits) - Course #650 & #651

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 any student an opportunity to learn or improve basic skills on a musical instrument. Candidates for this class should have one year or more experience on a band instrument. String players, pianists, and guitarists will be introduced to playing concert band repertoire. 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 appearance. Attendance at summer camp is REQUIRED for this course and will be counted toward Term I grades.

SYMPHONIC WIND ENSEMBLE (2 Terms) – 2 credits - Course #652 & #653

Prerequisites: A minimum of 1 term in Concert Band

Level: 11, 12

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

This course is a more rigorous course designed for upper level musicians that want to take Symphonic Wind Ensemble Honors their senior year. Music “artistry” and college music fundamentals are stressed.

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.

SYMPHONIC WIND ENSEMBLE (1 Term) - 1 credit - Course #654

Prerequisites: A minimum of 1 term in Concert Band

Level: 12

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

This course is a more rigorous course designed for upper level musicians that want to take Symphonic Wind Ensemble Honors their senior year. Music “artistry” and college music fundamentals are stressed.

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.

SYMPHONIC WIND ENSEMBLE HONORS (1 Term) - 1 credit – Course #655

Prerequisites: Completion of Term 1 Symphonic Wind Ensemble (Course #654) with a grade of “B” or better

Level: 12

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

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. Study privately with an approved teacher
2. Prepare and audition for I.M.E.A. Band and IHSA solo ensemble
3. Prepare for college audition through solo and etude studies and evaluation
4. Perform in (2) outside music organizations per term and participate in 2 school ensembles
5. Report on 3 cultural events per term
6. Play all major/minor scales two octaves by memory at midterm

Attendance at summer camp is REQUIRED for this course and will be counted toward Term 1 grades.

COLOR GUARD/WINTER GUARD (1 Term) - 1 credit – Course #658

Prerequisites: Admission by audition only

Level: 9, 10, 11, 12

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. During basketball season, this class performs to taped music for various venues, including school assemblies, the Spring Fling, and the Talent Show. 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 a t-shirt for this course.

JAZZ INSTRUMENTAL MUSIC

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

JAZZ ENSEMBLE (1 Term) - 1 credit - Course #656

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

Level: 9, 10, 11, 12

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

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, guitar, drums, and percussion. Emphasis will be placed on style, interpretation, articulation, and performance literature. Improvisation and jazz notation will also be introduced.

Participation in the Spring Fling is considered an extension of the classroom and is required. The school and the Music Department expect the students to participate in various high school and college contests and selected basketball games.

JAZZ COMBO (1 Term) - 1 credit - Course #657

Prerequisites: Members need not be enrolled in band but all candidates must audition and receive permission from the instructor to enroll

Level: 10, 11, 12

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

Jazz Combo will include the advanced study of the jazz idiom and jazz techniques. The course stresses form and analysis, history, theory, and listening examples from the jazz greats. This study leads to the development of solo and improvisational skills. Students will read from both charted and sheet music books and arrange music best suited for the instrumentation.

Participation in the Spring Fling is considered an extension of the classroom and is required. 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.

VOCAL MUSIC

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

Prerequisites: None (No audition required)

Level: 9, 10, 11, 12

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* (1 Term) - 1 credit – Course #669 & #670

Prerequisites: None (No audition required)

Level: 9, 10, 11, 12

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

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. Solo opportunities are plentiful. Concert Choir members will study such stylistic vocal techniques as scat singing, vocal improvisation, ornamentation, and more. 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 may be required to participate in the IHSA Solo & Ensemble Contest and will have the opportunity 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.*

MADRIGALS/CONCERT CHOIR (2 Terms) - 2 credits – Course #672 & #673

Prerequisites: Audition and permission of instructor

Level: 10, 11, 12

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

Open to all serious vocal music students by competitive audition and with permission of the instructor. Together with Madrigals Honors, this forms the EPCHS Madrigal 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, Madrigals are required to complete advanced vocal and music theory mastery tests throughout each semester. Each Madrigal must complete solo and ensemble vocal performances as part of the midterm and final exams. Each Madrigal must prepare and perform one small ensemble and one solo per semester. It is strongly recommended that all Madrigals take weekly voice lessons.

Madrigals must purchase performance shoes. Costumes are provided. Repertoire: a cappella music of the Renaissance through Romantic eras.

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 and spring Madrigal Feasts 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.

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

Prerequisites: Audition and permission of instructor

Level: 12

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

Open to all serious vocal music students by competitive audition and with permission of the instructor. Together with Madrigals Honors, this forms the EPCHS Madrigal 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, Madrigals are required to complete advanced vocal and music theory mastery tests throughout each semester. Each Madrigal must complete solo and ensemble vocal performances as part of the midterm and final exams. Each Madrigal must prepare and perform one small ensemble and one solo per semester. It is strongly recommended that all Madrigals take weekly voice lessons.

Madrigals must purchase performance shoes. Costumes are provided. Repertoire: a cappella music of the Renaissance through Romantic eras.

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 and spring Madrigal Feasts 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.

MADRIGALS/CONCERT CHOIR HONORS (1 Term) - 1 credit – Course #675

Prerequisites: Completion of Term 1 Madrigals (Course #674) with a grade of “B” or better

Level: 12

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

Open to all serious vocal music students. Together with Madrigals, this forms the EPCHS Madrigal 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 Madrigals are required to complete advanced vocal and music theory mastery tests throughout each semester beyond the levels required by Madrigals. Each Honors Madrigal student must prepare and perform two small ensembles and two solos per semester. (One of each must be performed in competition). It is strongly recommended that all Madrigals Honors take weekly voice lessons.

Additionally, students must demonstrate significant individual vocal achievement as soloists and small ensemble members through performance jury exam of solo and ensemble repertoire for each midterm and final exam. 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.

Madrigals 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.

Madrigals Honors students must purchase performance shoes. Costumes are provided. Repertoire: a cappella music of the Renaissance through Romantic eras.

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 and spring Madrigal Feasts 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.

PHYSICAL EDUCATION AND HEALTH

FRESHMAN PHYSICAL EDUCATION/HEALTH (co-ed) (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 (co-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 (co-ed) (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 a 2.75 GPA, have a good attendance and discipline record, have been recommended by faculty members, 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: B- or better 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: Approval of Division Head

Level: 10*, 11, 12

*Sophomore enrollment will be at the recommendation of the division 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, identification of muscle groups, goal setting and how to calculate strength gains. Real time student data will be used to calculate percentages for gains throughout the duration of the class.

SPECIAL EDUCATION PE INTERNSHIP (1 Term) - 1 credit – Course #411

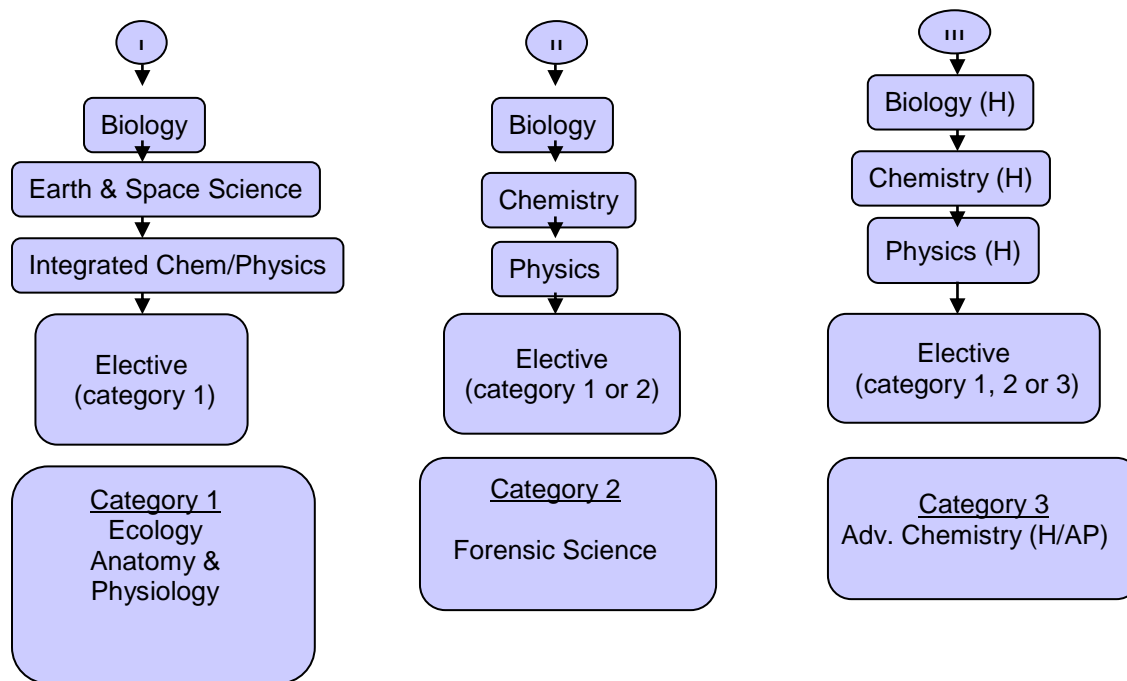
Prerequisite: Completion of Term 1 Aero Internship (Course #907)

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.

For the classes of 2013, 2014, 2015

Science Department Courses

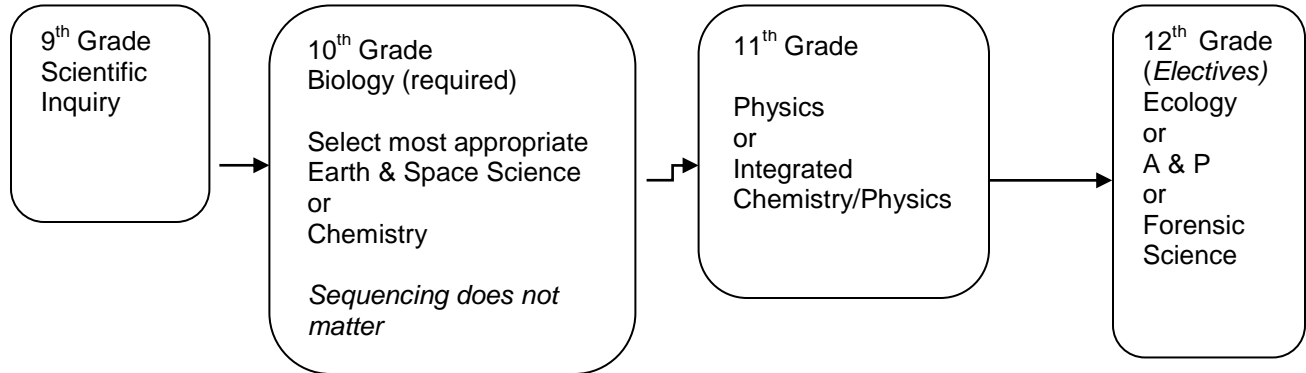


Freshmen are placed into their first course (I, II, or III) based on science and reading scores on the EPCHS placement test, standardized test scores, and junior high school teacher recommendations.

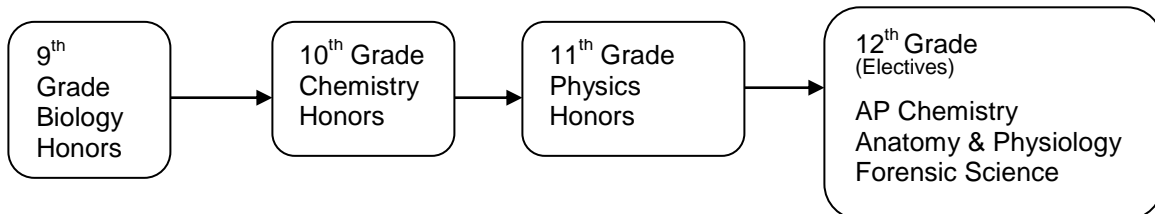
Beginning with the class of 2016

SCIENCE DEPARTMENT COURSES

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



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



Appropriate scores on placement tests will be referenced for student placement.

SCIENCE DEPARTMENT

Beginning with the class of 2016, students in the non-honors science course sequencing must successfully complete four science requirements for graduation. These requirements must also be met before registering for other science course electives (see flow chart). Presently, three credits in science are required for graduation for those students following the honors course sequencing (see flow chart). However, a four credit requirement is under consideration. Prior to the selection of their courses, students should study the course descriptions and discuss their choices with their parents, science instructor, and counselor.

A workbook-materials-service fee is required for all science courses. Refer to the general fee list.

All science courses with an honors designation receive a weighted credit.

SCIENTIFIC INQUIRY–A (1 Term) – 1 credit – Course #228 – NEW COURSE

Prerequisites: Academic Designation (Appropriate score on 9th grade placement tests)

Level: 9

This laboratory course is intended to be an introductory process and skills based science course. The role of the student in this course is to develop inquiry and problem solving skills within the context of course topics and scientific investigation. The *Illinois learning standards for Science* maintains that students 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 course will address that intent. The academic content areas will include scientific literacy, laboratory safety, the use of laboratory equipment, measurement, data collecting and organization, scientific investigation, and experimental design through general topics in biology, earth and space science, chemistry, and physics. See Academic Program description on page 8.

SCIENTIFIC INQUIRY (1 Term) – 1 credit – Course #229 – NEW COURSE

Prerequisites: Academic Designation (Appropriate score on 9th grade placement tests)

Level: 9

This laboratory course is intended to be an introductory process and skills based science course. The role of the student in this course is to develop inquiry and problem solving skills within the context of course topics and scientific investigation. The *Illinois learning standards for Science* maintains that students 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 course will address that intent. The academic content areas will include scientific literacy, laboratory safety, the use of laboratory equipment, measurement, data collecting and organization, scientific investigation, and experimental design through general topics in biology, earth and space science, chemistry, and physics.

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

Prerequisites: Appropriate score on 9th grade placement test

Level: 9

This course offers an in-depth look into the field of biology. This course is fast paced and rigorous as it addresses a wide range of biological topics. Students will be expected to be involved in classroom activities, laboratory investigations, home study, and peer interactions. Students will be expected to read, write, think critically, and vocalize ideas. Grading is based on tests, quizzes, homework, written and oral reports, and a research paper.

EARTH AND SPACE SCIENCE-A (1 Term) - 1 credit – Course #221

Prerequisites: Successful completion of Biology-A

Level: 10

The earth's environment is a result of certain physical and chemical processes. The ways in which these processes operate to form our environment is presented in this course. Major ideas presented in this course are the position of the earth in the universe, the general characteristics of the earth as a planet, and the variety of the landforms that have been carved into the earth's surface. See Academic Program description on page 8.

EARTH AND SPACE SCIENCE (1 Term) - 1 credit – Course #232

Prerequisites: Successful completion of Biology

Level: 10

The earth's environment is a result of certain physical and chemical processes. The ways in which these processes operate to form our environment is presented in this course. Major ideas presented in this course are the position of the earth in the universe, the general characteristics of the earth as a planet, and the variety of the landforms that have been carved into the earth's surface.

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

Prerequisites: A grade of "C" or better in Intermediate Algebra or higher level math courses and an overall average of "C" or better in all math courses.

Level: 10, 11, 12

This is a general chemistry course that is designed for the college-bound student. Topic emphasis is placed on atomic structure, bonding, nomenclature, and reaction stoichiometry. Laboratory work in these topic areas is required for this course.

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

Prerequisites: Grade of "B" or better in Intermediate Algebra or higher level math courses and an overall average of "B" or better in all math courses, plus teacher recommendation

Level: 10

This is a mathematically and intellectually rigorous, general chemistry course that is designed for the college-bound student. 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.

INTEGRATED CHEMISTRY/PHYSICS-A - (1 Term)- 1 credit- Course #222

Prerequisites: Successful completion of Biology and Earth and Space Science.

Level: 11

This course will offer an introduction to chemistry and physics, and will emphasize the key components of each of its fundamental elements. This course explores topics in the context of everyday life and takes a less rigorous mathematical approach to understanding them, yet a willingness to work hard is expected.

INTEGRATED CHEMISTRY/PHYSICS- (1 Term)- 1 credit- Course #240

Prerequisites: Successful completion of Biology and Earth and Space Science.

Level: 11, 12

This course will offer an introduction to chemistry and physics, and will emphasize the key components of each of its fundamental elements. This course explores topics in the context of everyday life and takes a less rigorous mathematical approach to understanding them, yet a willingness to work hard is expected.

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

Prerequisites: Successful completion of Science Department required courses.

The student must also have grades of "C" in Intermediate Algebra, and in Intermediate Geometry or higher level math courses.

Level: 11, 12

Physics is a challenging course for self-motivated college-bound students. The course emphasizes mathematical problem solving. The *Illinois learning standards for Science* maintains that students 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, electricity, and magnetism. Laboratory work and preparation outside of class are required in this course.

PHYSICS HONORS (1 Term) - 1 credit- Course #241

Prerequisites: The prerequisites for Honors Physics are an achieved grade of "B" in both Biology Honors and Chemistry Honors, or an achieved grade of "A" in Chemistry. Additionally, the student must have achieved a grade of "B" in Advanced Algebra/Trig.

Level: 11

This honors physics course is intended to be a mathematically and intellectually rigorous course. The *Illinois learning standards for Science* maintains that students 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 safety, measurements, motion in 1 and 2 dimensions, kinematics, Newtonian Laws, electricity and magnetism. A portion of this course will be laboratory based. At times the class will focus on advanced technology, equipment, and information. Additionally, research into current issues will be required. This course will meet the state goals for learning, however it will do so in a much more rigorous and advanced fashion.

All students must have completed the Science Department required course sequencing <u>prior</u> to registering for any science electives. (Reference department flow chart)

ADVANCED CHEMISTRY HONORS (AP) (2 Terms) - 2 credits – Course #242 & #243

NOTE: Optional dual enrollment credit is available with Moraine Valley Community College. An additional fee is required.

Prerequisites: Successful completion of Science Department required courses.
The student must also have received credit in Chemistry,
Chemistry teacher recommendation, or division chair approval.

Level: 11, 12

This course follows the College Board's Advanced Placement curriculum and as such is extremely rigorous and fast paced. It is a general chemistry course presented at the college level. Emphasis in this course is placed with thermodynamics, kinetics, equilibrium, stoichiometry, and molecular structure. The laboratory investigations are similar to those found in a college chemistry course.

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

ELECTIVE

Prerequisites: Successful completion of Science Department required courses

Level: 11, 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, not concurrent with Biology, Chemistry, and Physics. (A grade of B or higher in Integrated Chemistry/Physics may be accepted in place of Physics.)

Level: 11, 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 the crime. Writing is an integral part of the course with students being expected to communicate laboratory reports, results, conclusions, and analyze case studies.

ECOLOGY (1 Term) - 1 credit – Course #250

ELECTIVE

Prerequisites: Successful completion of Science Department required courses

Level: 11, 12

Ecology is a unique branch of natural sciences, pulling together many areas of biology, anatomy, genetics, behavior, and evolution. It also combines physical sciences like geology, chemistry, and physics. This course is, therefore, representative of the sciences as a whole.

The topics covered are: the bases of ecology and the physical environment, energy flow, biochemical cycles, the origin of life, evolution, speciation, communities, ecosystems, and population dynamics. The varied laboratory experiences give students a hands-on approach to the science of ecology.

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

ELECTIVE

Prerequisites: Approval of division chair

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 credits of Social Studies to graduate. Required courses include World History, U.S. History 1, U.S. History 2.

WORLD HISTORY-A (1 Term) – 1 credit – Course #120

Prerequisites: Academic Designation

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.

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.

WORLD HISTORY HONORS (1 Term) - 1 credit – Course 135

Prerequisites: Appropriate score on 9th grade placement test and Social Studies Department Approval

Level: 9

The purpose of this course is to present a compact survey of the history of mankind. Emphasis will be on the development of man's origin, culture, and civilization; some areas will be covered in great depth. Depth will be created through primary sources, essays, and self-directed research projects. Students will use methods of social science inquiry (pose questions, collect and analyze data, make and support conclusions with evidence, report findings) to study the development and functions of the social systems. This is a rigorous and demanding course designed for the student who plans on taking one or more Social Studies AP courses later. This course meets the Illinois Board of Education standards of being a "writing-intensive" course.

U.S. HISTORY 1-A (to 1865) (1 Term) - 1 credit – Course #121

Prerequisites: Successful completion of World History

Level: 10

This course is a survey of American history. Events covered range from the foundation of the United States to the Age of Reconstruction following the Civil War (approximately 1500-1880). Incorporated into this class are units covering the United States Constitution and consumer economics. This course is designed to prepare the student for U.S. History 2.

U.S. HISTORY 1 (1 Term) - 1 credit – Course #130

Prerequisites: Successful completion of World History

Level: 10

This course is a survey of American history. Events covered range from the foundation of the United States to the Age of Reconstruction following the Civil War (approximately 1500-1880). Incorporated into this class are units covering the United States Constitution and consumer economics. This course is designed to prepare the student for U.S. History 2.

U.S. HISTORY 1 HONORS (1 Term) - 1 credit – Course #132

Prerequisites: Successful completion of World History Honors/World History with an A or B, and/or Social Studies Department approval

Level: 10

This course is a survey of American history. Events covered range from the foundation of the United States to the Age of Reconstruction following the Civil War (approximately 1500-1880). Some areas will be covered in great depth. Depth will be created through primary sources, essays, and self-directed research projects. Incorporated into this class are units covering the United States Constitution and consumer economics. This course is a rigorous course designed to prepare the student for U.S. History 2 Honors AP.

U.S. HISTORY 2-A (1 Term) – 1 credit – Course #122

Prerequisites: None

Level: 11

This course is a survey of American history, continuing where U.S. History 1 concluded, circa 1880. Events covered range from post-Reconstruction society to the Tragedy of 9/11. This course is designed to build upon skills and concepts learned in U.S. History 1, and should prepare the student for further exploration in a Social Studies elective option taken during the senior year.

U.S. HISTORY 2 (1 Term) – 1 credit – Course #131

Prerequisites: None

Level: 11, 12

This course is a survey of American history, continuing where U.S. History 1 concluded, circa 1880. Events covered range from post-Reconstruction society to the Tragedy of 9/11. This course is designed to build upon skills and concepts learned in U.S. History 1, and should prepare the student for further exploration in a Social Studies elective option taken during the senior year.

U.S. HISTORY 2 HONORS (AP) (1 Term) - 1 credit – Course #133

Prerequisites: Successful completion of U. S. History 1 Honors with a “C” or better, plus teacher recommendation, and Social Studies Department approval

Level: 11, 12

U.S. History 2 Honors (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. Incorporated into this class are units covering the United States and consumer economics. This is a rigorous and demanding course with an emphasis on AP exam preparation. Students who have not taken U.S. History 1 (H) will not be eligible for U.S. History 2 Honors (AP).

EUROPEAN HISTORY HONORS (AP) (1 Term) - 1 credit – Course #156

ELECTIVE

Prerequisites: Social Studies Department approval

Level: 10, 11, 12

The AP Program in European History will help students develop the analytic skills and factual knowledge necessary to deal critically with the problems and materials in European history from approximately 1450 to the present. The course will prepare students for upper-level history courses in college. The course will develop the skills necessary to arrive at conclusions on the basis of informed judgment and to present reasons and evidence clearly and persuasively in essay format. This is a rigorous and demanding course with an emphasis on AP exam preparation.

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

ELECTIVE

Prerequisites: None

Level: 11, 12

(For seniors only, fulfills the 12th grade Science emphasis requirement.)

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.

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

ELECTIVE

Prerequisite: Social Studies Department approval

Level: 11, 12

(For seniors only, fulfills the 12th grade Science emphasis requirement.)

High-level critical thinking and interpretive skills will be developed in preparation for the A.P. Psychology exam. Group work, case studies, and hands-on projects as well as other types of learning activities will be included in this course.

CURRENT EVENTS (1 Term) - 1 credit – Course #150

ELECTIVE

Prerequisites: None

Level: 10, 11, 12

This course will provide an opportunity for students to enhance their awareness of local, state, and national trends and events. Public policy issues will be researched and discussed. Solutions to modern problems will create a thinking and democratic classroom environment.

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.

SPECIAL EDUCATION

GENERAL INTRODUCTION TO SPECIAL EDUCATION COURSE DESCRIPTIONS

The Special Education Department serves students who have an Individualized Education Program (IEP) or 504 Plan. Special education services are delivered in a variety of ways, depending on the needs of the individual student. The continuum of special education services ranges from resource support services in the general education setting to self-contained classrooms. Placement is determined on a case-by-case basis during an annual review. It is the goal of the department to have students in the general education setting as much as possible. Maximum flexibility in placement enables us to be responsive and meet individual student needs. Within the Special Education Department, courses are offered in English, Math, Science, Social Studies, Introduction to Work, Health, and Study Skills. Upper level students may opt for School or Community Work Experience programs as deemed appropriate by the Evergreen Park teaching staff. The courses offered in the Special Education Department align with the general education curriculum as closely as possible. These courses are intended for students whose skills or behavior may inhibit their success in a general education classes.

ESSENTIAL READING (1 Term) – 1 credit – Course #035

Prerequisite: Division chair recommendation

Level: 9

This course is designed to increase achievement in reading. An emphasis will be placed on study skills, test-taking skills, and reading strategies the learner can apply to other content area reading material. This course is taken in conjunction with English. The pace of this course will be adjusted based on individual learner needs.

ESSENTIAL READING 2 (1 Term) – 1credit – Course #036

Prerequisites: Successful completion of Reading 1 course, teacher recommendation, and appropriate Stanford Diagnostic Reading Test score

Level: 10

The Essential Reading 2 course combines research based reading practices with the effective use of technology, offering students an opportunity to achieve reading success at their current reading level through a combination of instructional, modeled and differentiated reading components. Emphasis will be placed on comprehension and fluency, analyzing, interpreting and comparing a variety of texts for purpose, structure, detail, content and effect, and relating reading with information from other sources. The Essential Reading 2 class will be taught by a Highly Qualified Special Education Reading Teacher.

ESSENTIAL ENGLISH 1 (1 Term) - 1 credit – Course #040

Prerequisite: Division chair recommendation

Level: 9

This course focuses on improving basic language areas as stated in the students' I.E.P.s such as reading comprehension, spelling, vocabulary development, verbal and written expression. Curriculum follows the English I curriculum as closely as possible so that students are exposed to a variety of literature styles.

ESSENTIAL ENGLISH 2 (1 Term) - 1 credit – Course #041

Prerequisite: Successful completion of Essential English 1 and/or division chair recommendation

Level: 10

This course continues the work from English 1. Basic skills are emphasized. The curriculum follows English II as closely as possible. Literature as well as the study and practice of speech will be covered. The student's I.E.P. goals will be addressed.

ESSENTIAL ENGLISH 3 (1 Term) - 1 credit – Course #042

Prerequisite: Successful completion of Essential English 2 and/or division chair recommendation

Level: 11

This course continues the work of English 2. Basic skills are emphasized. American literature is covered in this course. The American Literature and Composition curriculum is followed as closely as possible. The student's I.E.P. goals will be addressed.

ESSENTIAL COMPOSITION (1 Term) – 1 credit – Course #045

Prerequisites: Successful completion of Essential English 1 and Essential English 2

Level: 11

In addition to the primary focus of intensive writing, this course will continue the work of English 3. Basic grammar skills, study skills, note-taking strategies and ACT preparation will be emphasized in this course. The major works of American literature, vocabulary development, and reading skills will also be covered. This course is designed to address the Illinois State Board of Education (ISBE) intensive writing requirement by integrating the elements of the writing process, applying basic research skills and test strategies.

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

Prerequisite: Successful completion of Essential English 3 and/or division chair recommendation

Level: 12

This course continues the work of English 3. Emphasis is on basic skills as well as works of literature covered in the English 4 course. The student's I.E.P. goals will be addressed.

ESSENTIAL COLLEGE AND CAREER READINESS (1 Term) - 1 credit – Course #046 - NEW COURSE

Prerequisites: Successful completion of Essential English 1, 2, and 3 and appropriate ACT score

Level: 12

This course is designed to provide additional academic help in math, reading, and writing in an effort to bring these skills up to college readiness. Strengthening academic skills will be the focus of the curriculum. The student's I.E.P. goals will be addressed.

ESSENTIAL ALGEBRA (2 Terms) – 2 credits – Course #310 & #311

Prerequisite: Division chair recommendation

Level: 9

These courses focus on pre-algebra, algebra, and practical math applications. This course is intended to allow students to progress at an individual rate based on their abilities. The student's I.E.P. goals will be addressed.

ESSENTIAL GEOMETRY (2 Terms) - 2 credits - Course #318 & #319

Calculator requirement: TI-Nspire CX or TI-Nspire with Touchpad (non-CAS)

Prerequisites: Successful completion of Algebra

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. The student's I.E.P. goals will be addressed.

ESSENTIAL ALGEBRA 2A/ESSENTIAL ALGEBRA 2B (2 Terms) - 2 credits – Course #316 & #317

Prerequisite: Successful completion of Essential Geometry A and Geometry B
and/or division chair recommendation

Level: 11

This course continues to build on the skills addressed in the 9th grade algebra course. Students will continue to be instructed in algebra. The course is designed to review, develop, and expand proficiency with these skills and expand understanding of the concepts and improve logical thinking. This course is intended to allow students to progress at an individual rate based on their abilities. Student's I.E.P. goals will be addressed.

ESSENTIAL SCIENTIFIC INQUIRY (1 Term) – 1 credit – Course #214 – NEW COURSE

Prerequisites: Academic Designation (Appropriate score on 9th grade placement tests)

Level: 9

This laboratory course is intended to be an introductory process and skills based science course. The role of the student in this course is to develop inquiry and problem solving skills within the context of course topics and scientific investigation. The *Illinois learning standards for Science* maintains that students 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 course will address that intent. The academic content areas will include scientific literacy, laboratory safety, the use of laboratory equipment, measurement, data collecting and organization, scientific investigation, and experimental design through general topics in biology, earth and space science, chemistry, and physics. Student's I.E.P. goals will be addressed.

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

Prerequisite: Successful completion of Essential Biology and/or division chair recommendation

Level: 10

The students will be exposed to an expanded curriculum as it relates specifically to the studies of the Earth, its 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.

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

Prerequisite: Successful completion of Essential Biology and Essential Earth and Space Science

Level: 11

This course will offer an introduction to chemistry and physics, and will emphasize the key components of each of its fundamental elements. Like its general education counterpart, the essential level course will explore topics in the context of everyday life but in less breadth and depth and at a slower pace. Students are still expected to meet high academic and behavioral standards and learn several mathematical approaches as in chemistry and physics. There will be numerous accommodations and modifications used in this class to meet the diverse learning needs of the students.

ESSENTIAL HEALTH (½ Term) - Part of PE credit – Course #400

Prerequisite: Division chair recommendation

Level: 9

Students will receive health education as part of their physical education classes usually during their freshman year. This course is designed to familiarize students with the numerous health issues they may encounter in their lifetimes. Prevention is emphasized by empowering students to develop healthy lifestyles by making good, informed decisions, and managing stress. Topics covered include: nutrition, first aid, substance abuse, mental health, human sexuality, growth and development, communicable and chronic diseases, an overview of the major body systems and community/public health services.

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

Prerequisite: Division chair recommendation

Level: 9

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

ESSENTIAL U.S. HISTORY 1 (1 Term) – 1 credit – Course #111

Prerequisite: Division chair recommendation

Level: 10

This course is a survey of American history. Events covered range from the foundation of the United States to the Age of Reconstruction following the Civil War (approximately 1500-1880). Incorporated into this class are units covering the United States Constitution and consumer economics. This course is designed to prepare the student for U.S. History 2.

ESSENTIAL U.S. HISTORY 2 (1 Term) - 1 credit – Course #112

Prerequisite: Division chair recommendation

Level: 11

This course is a survey of American history, continuing where U.S. History 1 concluded, circa 1880. Events covered range from post-Reconstruction society to the Tragedy of 9/11. This course is designed to build upon skills and concepts learned in U.S. History 1, and should prepare the student for further exploration in a Social Studies elective option taken during the senior year.

ESSENTIAL MICROCOMPUTER APPLICATIONS (1 Term) - 1 credit – Course #510

Prerequisites: None

Level: 9, 10, 11, 12

This course will provide the students with the basic skills of keyboarding, word processing, database management, spreadsheet, and presentation design utilizing the Microsoft Office Suite. Skills learned can be applied to activities and applications for school, home, and business use. This course will be taught by a special education teacher with accommodations and modifications to the general education curriculum.

ESSENTIAL WORKPLACE STRATEGIES (1 Term) – 1 credit – Course #955

Prerequisites: Prevocational coordinator and/or division chair recommendation

Level: 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. The program includes two additional components of in-school and community work experience. In these settings, students will be able to apply and practice appropriate work skills and attitudes while performing work tasks at various job sites.

AERO INTERNSHIP (1 Term) – 1 credit – Course #907

Prerequisite: Completion of application and recommendation of Student Services Director

Level: 12

The AERO Internship position is for senior students who are interested in developing friendships and mentoring students with cognitive and developmental disabilities. Students that are interested in pursuing teaching students with special needs as a career should take this opportunity to learn about the many “abilities” of these students.

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.

Workbooks will be required for all language courses. Refer to the general fee schedule. 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 or 2 years of French at Evergreen Park Community High School.

FRENCH 1 (1 Term) - 1 credit – Course #710

Prerequisites: None

Level: 9, 10, 11, 12

In French 1 students will acquire the fundamental conversational patterns and expressions needed to communicate in a variety of selected everyday situations. They will be exposed to the culture and customs of the French-speaking world, and will read graded materials to enhance their familiarity with the target language and its culture. The language and computer lab will be used for oral proficiency and comprehension.

FRENCH 2 (1 Term) - 1 credit – Course #711

Prerequisites: French 1

Level: 10, 11, 12

Students will increase their communicative skills through exposure to patterns and expressions relating to a wider range of everyday situations. They will expand their knowledge of French language and culture through readings and class/group/individual projects. The four skills of communication - listening, speaking, reading, and writing will be stressed. The language and computer lab will continue to play an important role in improving the students' comprehension of and facility with the target language.

FRENCH 3 (1 Term) - 1 credit – Course #712

Prerequisites: Completion of French 2 with a grade of "C" or better and teacher recommendation

Level: 11, 12

Student communication skills will be taken to a higher level by beginning the study and practice of the complex structures of the target language. Cultural exposure will be expanded through readings that reflect both everyday and cultural interests. Increased written communication will be developed. Use of French in class will be promoted and the use of the language lab and supplementary computer program will continue to advance student skills.

FRENCH 4 (1 Term) - 1 credit – Course #713

Prerequisites: Completion of French 3 with a grade of "C" or better and teacher recommendation

Level: 12

(Fulfills 12th grade Social Studies emphasis requirement.)

This course builds on the study of complex patterns and structures begun in French 3. In-class use of the target language is highly encouraged and use of the language and computer lab hones the students' communicative skills, both oral and written. The culture is studied through literature, film, video, and student group and individual projects.

FRENCH 5 HONORS (1 Term) - 1 credit (AP Option) – Course #714

Prerequisites: Completion of French 4 with a grade of "C" or better and teacher recommendation

Level: 12

(Fulfills 12th grade Social Studies emphasis requirement.)

The fifth in the sequence of French course offerings is designed to further develop language proficiency and cultural awareness. The framework of the course is a video series, which exposes students to real-life everyday situations and promotes use of appropriately sophisticated vocabulary in communication. The course completes the formal study of complex patterns and structures of the language. The cultural component of the course includes study of selected literary gems of the French-speaking world, and individual group projects. The target language is encouraged as the exclusive language of the class and advanced writing assignments will challenge students' written abilities.

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: Spanish 1

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 better and teacher recommendation

Level: 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 better and teacher recommendation

Level: 11, 12

(For seniors only, fulfills 12th grade Social Studies emphasis requirement.)

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 5 HONORS (1 Term) - 1 credit (AP Option) – Course #704

Prerequisites: Completion of Spanish 4 with a grade of "C" or better and teacher recommendation

Level: 11, 12

(For seniors only, fulfills 12th grade Social Studies emphasis requirement.)

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.

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