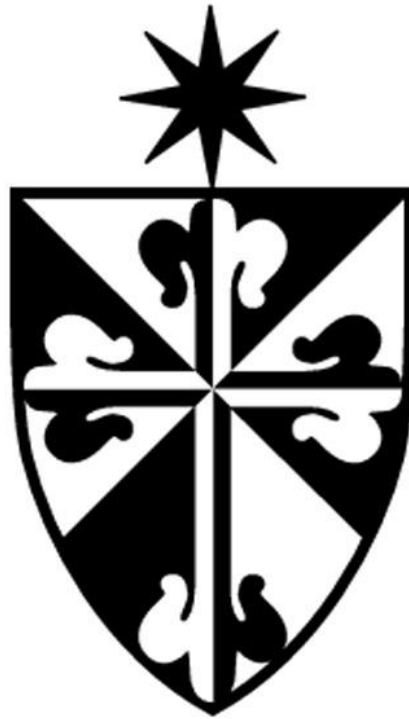


# **FENWICK HIGH SCHOOL**

## **COURSE SELECTION GUIDE**

**2012- 2013**



**EXCELLENCE**

**LEADERSHIP**

**TRADITION**

## **MISSION STATEMENT**

Fenwick students, guided by faith and reason, are a community of scholars, athletes, artists and leaders, devoted to lives of virtue, service, learning and truth as disciples in the Dominican Catholic tradition.

## **VISION STATEMENT**

Fenwick is committed to being a preeminent college preparatory high school inspired by its Dominican Catholic identity and dedicated to the comprehensive transformation, achievement and growth of its students in a diverse and accepting community.

## **ADMISSION STATEMENT**

Fenwick High School admits students of any race, color, national and ethnic origin to all the rights, privileges, programs and activities generally accorded or made available to students at the school. Fenwick High School does not discriminate on the basis of gender, race, color, national, or ethnic origin in administration of its educational policies, scholarship, financial aid, athletic, and other school administered programs.

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## General instructions for all students:

**Be certain to read this guide very carefully before registering for any course.**

1. Review the curriculum guide and course selection sheets with your parents.
2. Complete the course selection sheets. It is extremely important that these sheets are completed accurately. **Be certain to indicate alternate course selections.** Your registration cannot be processed without this information.
3. Your signature and your parent's signature must appear on the course selection sheet. Your registration cannot be processed without these signatures.
4. Counselors will make classroom visits to discuss the registration process with students and to answer general questions starting on Monday, January 30, 2012. Make an appointment to see your counselor if you have additional questions.
5. **It is the responsibility of each student to be aware of the requirements for graduation.** Use the Four-Year Plan Worksheet on page 3 as a guide and have that with you each time you meet with your counselor to discuss course selections.
6. All course selection sheets are due to your counselor by Friday, March 2, 2012. **NO EXCEPTIONS!**
7. **When selecting courses for the next school term, students may only select the course, not the teacher and/or class period.**
8. This current Course Selection Guide and grade level Course Selection Sheets are also available on the academic link on the Fenwick website at: <http://www.fenwickfriars.com>. You will need to access "Student Resources" and "Need a Form."
9. The entrance exam score and any departmental placement exam scores determine course assignments for the freshman year.
10. Placement exams and considerations for honors and Advanced Placement courses will take place between January 23, 2012 and January 27, 2012. Listen for announcements in your classes and over the P.A. or refer to the website for specific dates and tests.
11. Students will be assigned some courses and levels as determined by school and departmental policies. The Assistant Principal makes final decisions concerning a student's schedule and assignment of classes.
12. **Fenwick High School reserves the right to cancel a course for lack of enrollment.**
13. **A 3.0 cumulative grade point average is required for juniors who wish to register for a science course as a sixth course.** Course selection for any student wanting to register for a 6<sup>th</sup> course (other than science) with below a 3.0 grade point average is subject to counselor approval. A 2.5 cumulative grade point average is required for students who wish to register for a summer school science (chemistry, environmental science and physics) course.
14. For courses with 300, 400, and 500 level course numbers (typically junior, senior or AP level courses), registration preference will be given to upperclassmen.
15. All students must successfully complete biology and a physical science (chemistry, physics, physical science, or environmental science) in order to meet the minimum graduation requirements in science.

**FOUR-YEAR COURSE PLAN**  
**(for classes 2013,2014,2015)**

**FRESHMAN COURSES**

Theology I  
English I (honors program available)  
Language (French, German, Italian, Latin, Spanish)  
Algebra (honors program available)  
World History  
Biology Honors (elective – based on entrance exam scores)  
Expressive Arts – 1 semester of fine arts or 2 consecutive semesters of band or 2 consecutive semesters of choir  
Health (taken with Biology Honors)  
Physical Education

**SOPHOMORE COURSES**

Theology II (one semester)  
  
Speech (one semester)  
English II (honors program available)  
Language  
Geometry (honors program available)  
Biology or Chemistry (honors program available)  
Expressive Arts – 1 semester of fine arts or 2 consecutive semesters of band or 2 consecutive semesters of choir  
Health (taken with Biology or Chemistry)  
Physical Education  
Additional Academic Electives (see course descriptions)

**JUNIOR COURSES**

Theology III  
English III (honors and AP programs available)  
Language  
Math III (honors program available)  
U.S. History (honors and AP programs available)  
Band (elective)  
Choir (elective)  
Physical Education (elective)  
Additional Academic Electives (see course descriptions)

**SENIOR COURSES**

Theology IV (one semester)  
Western Civilization (one semester)  
English IV (honors and AP programs available)  
Language (honors and AP programs available)  
Math IV (honors and AP programs available)  
Science (honors and AP programs available)  
Band (elective)  
Choir (elective)  
Physical Education (elective)  
Additional Academic Electives (see course descriptions)

**FOUR-YEAR COURSE PLAN**  
**(changes for class of 2016)**

**FRESHMAN COURSES**

**SOPHOMORE COURSES**

Theology II (two semesters)

**JUNIOR COURSES**

**SENIOR COURSES**

Theology IV (two semesters)

# FOUR-YEAR PLAN WORKSHEET

(for classes 2013,2014 & 2015)

NOTE: This is not a registration form; it is for student/parent reference only. Please keep this worksheet throughout your academic career at Fenwick. Bring this worksheet with you each time you meet with your counselor regarding course selection or registration.

**Freshman**

**Sophomore**

**Junior**

**Senior**

**Theology**

*Theology I (2 sem.)*

*Theology II (1 sem.)*

*Theology III (2 sem.)*

*Theology IV (1 sem.)*

*Service Project*

**English**

**Mathematics**

**Language**

**History/  
Social Studies**

*World History (2 sem.)*

*Western Civilization (1sem.)*

**Science**

**Expressive Arts**

*Speech (1 sem.)*

**Physical Education**

**Electives** (see course descriptions for pre-requisites)

**Reminders**

Juniors are reminded that most colleges require 3 credits in science and social studies.

Seniors are reminded that many colleges expect the senior year course selections to reflect the continued academic rigor of the earlier years.

Cumulative G.P.A.: \_\_\_\_\_

**SUMMER SCHOOL:**

Course

Grade

Date


# FOUR-YEAR PLAN WORKSHEET

(for class of 2016)

NOTE: This is not a registration form; it is for student/parent reference only. Please keep this worksheet throughout your academic career at Fenwick. Bring this worksheet with you each time you meet with your counselor regarding course selection or registration.

**Freshman**

**Sophomore**

**Junior**

**Senior**

**Theology**

*Theology I (2 sem.)*

*Theology II (2 sem.)*

*Theology III (2 sem.)*

*Theology IV (2 sem.)*

*Service Project*

**English**

**Mathematics**

**Language**

**History/  
Social Studies**

*World History (2 sem.)*

*Western Civilization (1sem.)*

**Science**

**Expressive Arts**

*Speech (1 sem.)*

**Physical Education**

**Electives** (see course descriptions for pre-requisites)

**Reminders**

Juniors are reminded that most colleges require 3 credits in science and social studies.

Seniors are reminded that many colleges expect the senior year course selections to reflect the continued academic rigor of the earlier years.

Cumulative G.P.A.: \_\_\_\_\_

SUMMER SCHOOL:

Course

Grade

Date

\_\_\_\_\_

\_\_\_\_\_

## SEMESTER/ANNUAL PLAN WORKSHEET

NOTE: This worksheet is intended for the student to be able to visualize his or her course load for the year. It should not be considered a tool for constructing a daily schedule. Students will want to include a lunch period.

1 <sup>st</sup> Period	Semester 1	Semester 2
------------------------	------------	------------

2 <sup>nd</sup> Period	Semester 1	Semester 2
------------------------	------------	------------

3 <sup>rd</sup> period	Semester 1	Semester 2
------------------------	------------	------------

Within this segmented block, include lunch in a single period (4, 6, 8) and remember that a 45 minute period course consists of two periods.

4 <sup>th</sup> Period	Semester 1	Semester 2
5 <sup>th</sup> Period	Semester 1	Semester 2
6 <sup>th</sup> Period	Semester 1	Semester 2
7 <sup>th</sup> Period	Semester 1	Semester 2
8 <sup>th</sup> Period	Semester 1	Semester 2

9 <sup>th</sup> Period	Semester 1	Semester 2
------------------------	------------	------------

10 <sup>th</sup> Period	Semester 1	Semester 2
-------------------------	------------	------------

11 <sup>th</sup> Period	Semester 1	Semester 2
-------------------------	------------	------------

## **ILLINOIS BOARD OF HIGHER EDUCATION ADMISSION REQUIREMENTS**

It is important for students and their parents to know that the Illinois Board of Higher Education (IBHE) has approved admission standards for the state's public universities. All entering college freshmen must have completed these specific high school courses:

- 4 years of English
- 3 years of Social Studies
- 3 years of Mathematics
- 3 years of Laboratory Science
- 2 years of Electives (Foreign Language, Art or Music)

Out-of-state colleges and universities, both public and private, have varying admission patterns of course requirements. Handbooks and individual catalogs are available in the Student Services Center. Please discuss these requirements with your counselor. Students who find a normal five course load demanding should consider taking one of their science requirements during the summer session.

### **ADVANCED PLACEMENT and HONORS COURSE ENTRY CRITERIA**

Fenwick High School offers a broad spectrum of college-level, Advanced Placement courses. The school policies for these courses are the following:

1. Students must take the appropriate departmental placement exam (social studies, computer science) or register for consideration with the particular department (science, English). Placement criteria are determined by individual departments. Please refer to this guide or the Fenwick website for details.
2. Students must have a minimum grade point average in the department-designated courses. The grade point average requirements are listed in this guide under each course description.
3. Required pre-requisite courses are listed in this guide under each course description.
4. Instructor recommendation and/or approval is required for all honors and Advanced Placement courses.
5. Department chairperson approval is required for all course placements.

### **ADVANCED PLACEMENT COURSES**

Fenwick High School participates in the Advanced Placement Program (AP) providing college level course work in high school. Advanced Placement courses are offered in Art, Biology, Calculus, Chemistry, Computer Science, Economics, English, Environmental Science, French, German, Government, Italian, Latin, Physics, Spanish, Statistics, European, United States, and World History. These in-depth and challenging courses offer students the opportunity to earn college credit for advanced class work upon the successful completion of the AP subject area examination, which is administered in May of each year.

**NOTE: Student registered for an Advanced Placement course are encouraged to take the Advanced Placement examination held in May.**

## ADVANCED PLACEMENT COURSE OFFERINGS:

### Grade 10

#### Computers

AP Computer Science A

#### Social Science

AP European History

AP Economics

AP World History

### Grade 11

#### Computers

AP Computer Science A

#### English

AP English III

Lit./Comp.

AP English

Lang./Comp.

#### Science

AP Biology

AP Chemistry

AP Environmental Science

AP Physics

#### Social Science

AP United States History

AP European History

AP Economics

AP World History

#### Mathematics

AP Calculus IV \*

AP Statistics

#### Expressive Arts

AP Art History

### Grade 12

#### Computers

AP Computer Science A

#### English

AP English IV

Lit./Comp.

AP English

Lang./Comp.

#### Language

AP French

AP Spanish

AP Latin

AP German

AP Italian

#### Science

AP Biology

AP Chemistry

AP Environmental Science

AP Physics

#### Social Science

AP U.S. Government

AP European History

AP Economics

AP World History

#### Mathematics

AP Calculus IV \*

AP Statistics

#### Expressive Arts

AP Art History

\* AP math courses are open to underclassmen with department chairperson approval.

## GRADING

A = 93 - 100

B = 85 - 92

C = 78 - 84

D = 70 - 77

NC = No Credit

WP = Withdrawal Pass

WF = Withdrawal Fail

I = Incomplete (used for prolonged absence)

1. An "A" - "B" - "C" - "D" - "NC" is calculated into the Grade Point Average. An "I" and any non-credit courses are NOT included in the Grade Point Average.
2. A "NC" received in any subject for a semester's work requires that the student take the course over again and the grade received will be added into the GPA together with the "NC."
3. Three "NC"s received on semester grades in any one semester, two "NC"s in both semesters, of the same academic year, or a cumulative Grade Point Average of under 1.5 will cause the student's record to be reviewed by the Academic Review Board, comprised of the Principal, the Assistant Principal, the Deans, and the Director of Student Services, and may cause dismissal from the school.
4. Honors for outstanding academic performance will be listed according to the following norms:

### FIRST HONORS

Requires an average of 3.50 or above, with no single grade point value lower than 3.00

### SECOND HONORS

Requires an average of 3.00 or above, with no single grade point value lower than 2.00

Students graduate with honors if they maintain a 4.00 grade point average or better based on eight semesters of academic work.

## GRADING PROCEDURES

The following grading and quality point system is used.

## QUALITY POINTS

### REGULAR/COLLEGE PREP CLASSES

A	=	4
B	=	3
C	=	2
D	=	1
NC	=	0

### HONORS/AP CLASSES

(includes Language III and IV)

A	=	5
B	=	4
C	=	3
D	=	1
NC	=	0

## THEOLOGY

### THEOLOGY I (101)

(1.0 credit)

Theology I is a two semester **required** course and is the first in a series of theology courses at Fenwick that is rooted in the Dominican understanding that grace perfects the nature of the human person.

The first semester, “The Revelation of Jesus Christ in Scripture”, gives students a general knowledge and appreciation of the Sacred Scriptures. Through their study of the Bible they will come to encounter the living Word of God, Jesus Christ. In this semester they will learn about the Bible, authored by God through inspiration, and its’ value to people throughout the world. They will learn how to read the Bible and the books included in each section. The students will pay particular attention to the Gospels where they may grow to know and love Jesus Christ more personally.

The second semester, “Who is Jesus Christ”, will introduce students to the Mystery of Jesus Christ, the living Word of God, the Second Person of the Blessed Trinity. The students will understand that Jesus Christ is the ultimate revelation to us from God. In learning about who He is, the student will also learn who He calls them to be.

### THEOLOGY II (201)

(0.5 credit)

This one semester **required** course studies the *Sacraments* of the Roman Catholic Church. Because God interacts with us in physical, tangible ways, this course strives to help the Roman Catholic student rediscover and study the rich source of grace found in the Sacraments of the Roman Catholic tradition. For the non-Catholic student, the course provides an opportunity for the student to see how the sacramental system is present in their own denomination and to see the importance of sign, symbol and ritual in their daily lives.

THEOLOGY II PREREQUISITE:

- Theology I

### THEOLOGY III (301)

(1.0 credit)

This course is **required** for all Fenwick students in their junior year. The curriculum provides an overview of the Catholic Church’s moral teaching through an examination of its biblical and historical foundations. The study of moral theology in a Dominican setting seeks to elicit our loving response to the invitation of Christ to be perfect as our Heavenly Father is perfect.

We strive to live this life of perfection through the abundant graces given to us through the Theological and Moral Virtues. As students discuss the Church’s teachings of the moral life, they will strive to understand the particular gift of the Virtues in their daily lives. The grace of living a virtue centered life will be further explored and understood through the study of doctrine and principles of Catholic Social Teaching and their impact upon our lived faith. Christian life is about not only knowledge but also action; therefore students must successfully complete forty hours of community service as a part of the course requirement.

THEOLOGY III PREREQUISITE:

- Theology II

Class of 2013,2014 &2015 are **required** to complete one semester of Theology during their fourth year. **Students may choose either of the following to fulfill this requirement: Theology IV: Ecumenical and Interreligious Issues (401) or Theology IV: Living as a Disciple of Jesus Christ in Society (403).**

**THEOLOGY IV: Ecumenical and Interreligious Issues (401)**

**(0.5 credit)**

The purpose of this course is to help the students understand the manner in which the Catholic Church relates to non-Catholic Christians as well as to other religions of the world. Building on the foundational truth that Jesus Christ established the Catholic Church and entrusted to her the fullness of God's Revelation, the course is intended to help students recognize the ways in which important spiritual truths can also be found in non-Catholic Christian churches and ecclesial communities as well as non-Christian religions. It is also intended to help them to recognize the ways in which other systems of belief and practice differ from the Catholic faith.

**THEOLOGY IV PREREQUISITE:**

- Theology III

**THEOLOGY IV: Living as a Disciple of Jesus Christ in Society ( 403)**

**(0.5 credit)**

The purpose of this course is to introduce students to the Church's Social Teaching. In this course students are to learn how Christ's concern for others, especially the poor and needy, is present in the Church's social teaching and mission.

**THEOLOGY IV PREREQUISITE:**

- Theology III

## ENGLISH

### COLLEGE PREP ENGLISH I (111)

(1.0 credit)

This course will introduce students to the fundamentals of English study and will develop habits of critical reading and writing that will carry over into future course work. Students are exposed to a genre of works from world literature: the short story, poetry, drama, mythology, and the novel. The course establishes a common vocabulary of critical terms and applies those terms to construct deeper meaning of written texts. The course will develop vocabulary by studying words in their original context. Using literary and nonfiction models, students will construct organized paragraphs as well as short essays, employing the writing process as they brainstorm, draft, and revise their work. In conjunction, students will explore the structure of the English language and analyze mechanics and usage errors.

### ENGLISH I HONORS (112)

(1.0 credit)

Freshman honors English guides students through an analytical approach to literature via several of its major genres: the short story, poetry, drama, the epic and the novel. Students are trained to deploy a set of critical terms as tools in the analysis of literature. Examples of each genre are also used to study the evolution of each over time. The course undertakes a thorough and accelerated study of English grammar and usage, and guides students through the process of writing critical essays as well as introducing the basics of research writing. The historical development of the English language is studied through etymologically-based word groups. Careful and consistent reading preparation is expected, and in-depth discussion, comparison and analysis of literature is a constant undertaking of the class.

#### ENGLISH I HONORS PREREQUISITES:

- Entrance exam score
- Review of elementary school records
- Approval by Assistant Principal

### COLLEGE PREP ENGLISH II (211)

(1.0 credit)

College Prep English II is a literature, writing, and language course placing emphasis on analytical reading, expository writing, speaking skills, critical thinking, and in-depth interpretation of literature, which includes the novel, the play, short stories, and poetry. Additional emphasis will be placed on revision and development of drafts into multiple-paragraph essays and the further study of structure, style, usage, and logic written in English. Preparation for the PSAT and PLAN is also included in this course.

#### ENGLISH II PREREQUISITE:

- College Prep English I

## **ENGLISH II HONORS (212)**

**(1.0 credit)**

English II Honors focuses on a widely diverse group of authors in World Literature as it highlights the multi-cultural and multi-generational aspect of their works through an accelerated reading/writing schedule. Students are expected to hone close reading in order to infer patterns in literary elements such as form and theme along with figurative language, imagery, symbolism etc. Students are expected to actively engage in discussions by thoughtfully formulating questions/responses to be posed to the class in order to entice an exciting exchange on a given selection. From challenging short pieces to longer expository essays, students will develop a cohesive and coherent understanding of the Writing Process from essay drafting to completion. Students continue to prepare for PSAT and PLAN through grammar, vocabulary and reading strategies.

### **ENGLISH II HONORS PREREQUISITES:**

- 4.0 grade point average in English
- College Prep English I or English I Honors Instructor recommendation
- Approval by Department Chair

## **COLLEGE PREP ENGLISH III (311)**

**(1.0 credit)**

Chronologically based, this curriculum is designed to give students a foundation in American Literature and is intended to broaden and deepen students' knowledge of American culture. This course emphasizes students' ability to speak and write clearly and effectively, to use research materials creatively, to analyze and interpret written materials of all kinds, to analyze human motivation, and to comprehend the remarkable socio-economic circumstances that shaped the nation and laid the foundation for American Literature. Students will write several essays, both imaginative and expository, as well as a major research paper. Preparation for the PSAT, ACT, and SAT is also included in this course.

### **ENGLISH III PREREQUISITE:**

- College Prep English II

## **ENGLISH III HONORS (312)**

**(1.0 credit)**

This course has been designed to provide students with a chronological survey of American literature. Beginning with the Age of Exploration in America and concluding with the Modernist Era, the course will explore the ideals upon which our nation was founded while considering the viability of these ideals. As the year progresses, the course will shed light on some of the major issues that America has faced, ranging from racism, to feminist issues, to questions of immigration. Through close reading and written responses to the works of literature, students will practice analytical skills that will permit them to use literature to inform their own arguments about the issues that our nation confronts today. Preparation for the PSAT, ACT, and SAT is also included in this course.

### **ENGLISH III HONORS PREREQUISITES:**

- 4.0 grade point average in English courses
- College Prep English II / English II Honors Instructor recommendation
- Approval by Department Chair

## **AP ENGLISH - LANGUAGE AND COMPOSITION (316)**

**(1.0 credit)**

This course is designed for juniors or seniors who are interested in an Advanced Placement course in reading and writing. This course engages students in becoming skilled readers of non-fiction prose written in a variety of periods, disciplines, and rhetorical contexts and in becoming skilled writers who compose for a variety of purposes. The course will allow students to write in a variety of forms—narrative, exploratory, expository, argumentative—and on a variety of subjects from personal experiences to public policies, from imaginative literature to popular culture. But the overarching purpose in this course is to enable students to write effectively and confidently and to read analytically in their college courses across the curriculum and in their professional and personal lives. Active and meaningful class participation will be a significant component of the course.

**NOTE:** This course is not a substitute for any level of English III or English IV. It is an elective course with Advanced Placement credit. Students will prepare for the AP examination in language and composition as part of the course work and are expected to sit for the test in May.

### **AP ENGLISH - LANGUAGE AND COMPOSITION PREREQUISITES:**

- 4.0 grade point average in English courses
- Current Instructor recommendation
- Approval by Department Chair

## **COLLEGE PREP ENGLISH III - AMERICAN STUDIES (311AS)**

**(1.0 credit)**

This course offers an interdisciplinary examination of the American experience. It will provide a thematic survey of the political, social, and literary history of the United States. It will be organized around major themes by focusing on the institutions and events that have contributed to the development of our American identity. Students will read a wide variety of genres including journals, speeches, biographies, letters, essays, novels, short stories, plays, poetry, and historical documents. The primary focus of the course will be historical and literary in nature, but will also include the analysis of art, music, architecture, maps, political cartoons, advertising and film as artifacts of American culture. The course will emphasize the writing process and will incorporate research skills. Students must also enroll for College Prep U.S. History – American Studies (371AS). These courses will meet for two consecutive class periods and will fulfill the course requirements for English III and U.S. History.

## **COLLEGE PREP ENGLISH IV (411)**

**(1.0 credit)**

College Prep English IV is a chronological survey of British literature from the Anglo-Saxon times to the Twentieth Century. Spanning the genres of fiction, drama, memoir, and poetry students will read most of the major authors in each of the significant literary periods. They will also write several essays, both imaginative and expository, as well as a major research paper with focus on the transitions needed between high school and college writing.

### **ENGLISH IV PREREQUISITE:**

- College Prep English III

## **ENGLISH IV HONORS (412)**

**(1.0 credit)**

English IV Honors is a chronological survey course, which traces the development of British Literature within its historical context. From the Anglo-Saxon poetry to fiction of the Modern Period, students extrapolate such universal themes as man's frailty, good versus evil, appearance versus reality, the leveling nature of death, the fickleness of youth, and the ramifications of pretentiousness. Critical thinking skills are honed as students write reaction essays to research papers and discuss in small and large group presentations.

### **ENGLISH IV HONORS PREREQUISITES:**

- 4.0 grade point average in English courses
- College Prep English III/ English III Honors Instructor recommendation
- Approval by Department Chair

## **AP ENGLISH - LITERATURE AND COMPOSITION**

AP English - Literature and Composition is a college-level course that instructs students in the methods of close reading and adept writing. Through our close readings of representative samplings of works from several genres and literary periods, we will explore the ways in which authors craft language to accomplish a variety of purposes. Given the AP designation of these courses, though, we will also step beyond the realm of British literature and American Literature, drawing connections within the world canon. Through speaking, listening, and most importantly, through close reading, students will become more aware of the nuances in the use of language, such as connotation, tone, and point-of-view. Students will then strive to define their own voices as they respond to a variety of rhetorical situations, producing writing that is personal, rhetorical, evaluative, and analytical in nature. Although the content of this course is designed to stand alone as a course in advanced reading and composition, independent of the AP exam, we will also prepare for the AP English and Literature exam. Tests will often incorporate practice multiple-choice questions, and students will routinely practice on-demand writing and will be graded using the same rubric the AP evaluators use. The intensity of the course stems from a heavy load of reading and writing, often performed independently, with reading and writing assignments due on a daily basis. When completing these reading and writing assignments, students are expected not only to read, but to re-read and not only to write, but to re-write, and tests and quizzes will presuppose that students have done so.

**NOTE:** Students **may not** register for both of these courses.

### **AP ENGLISH III – LITERATURE AND COMPOSITION (313)**

**(1.0 credit)**

Together with the teacher, students in this course will develop connections between the genre and thematic scope of American Literature in context with the world canon of literature. Primary focus in this class is on American Literature.

### **AP ENGLISH IV – LITERATURE AND COMPOSITION (413)**

**(1.0 credit)**

Since students will have already completed a year of American literature in their junior year, and senior year is intended to focus primarily on British literature, we will focus more heavily on British literature, paying particularly close attention to the social and historical contexts in Britain that often influenced the goals, and thus the language, of British writers.

### **AP ENGLISH III / IV - LITERATURE AND COMPOSITION PREREQUISITES:**

- 4.0 grade point average in English courses
- An essay to be written according to department specifications
- Recommendation from current English Instructor
- Approval by Department Chair

**CREATIVE WRITING I (414)****(0.5 credit)**

This course is designed as an English elective for students interested in pursuing writing in the creative mode. Much of the course focuses on the writing of fiction, but poetry and drama writing (including one-act plays) are also major concentrations of study. Students learn the basic element of editing and revision, with an ultimate goal of publishing their work(s) in internal and external publications. Creative Writing I is an English elective open to juniors and seniors. This course does not satisfy the English graduation requirement.

**CREATIVE WRITING I PREREQUISITES:**

- Successful completion of College Prep English I and II/ English I and II Honors

**CREATIVE WRITING II (415)****(0.5 credit)**

This course is designed as an extension of Creative Writing I. The focus of this class will be the production of the school literary magazine, *TOUCHSTONE*. Instruction will be geared to the analysis and criticism of original student works submitted both for consideration to the magazine and other audiences. Students will also focus on writing comprehensive literary works of more substantive length than those developed in Creative Writing I. In addition, emphasis is placed on the craft of magazine production, editing and distribution. Creative Writing II is an English elective open to juniors and seniors. This course does not satisfy the English graduation requirement.

**CREATIVE WRITING II PREREQUISITES:**

- Successful completion of College Prep English I and II / English I and II Honors
- Creative Writing I

**JOURNALISM (417)****(0.5 credit)**

This course is designed as an English elective for students interested in learning the methods of writing for news publication. In this year long course, which meets three days per week, students practice the various modes of journalistic writing, including the news story, the review, the feature story, the column, the in-depth article, and the editorial. All elements of newspaper production are studied, from writing headlines and page layout to photography and the study of legal issues. This course does not satisfy the English graduation requirement. Outside work will be required.

**JOURNALISM PREREQUISITE:**

Successful completion of College Prep English II / English II Honors

## **EXPRESSIVE ARTS**

### **FINE ARTS (106)**

**(0.5 credit)**

This one semester **required** course introduces students to the elements, principles, and basic fundamentals of art and music, while exposing them to major works of art and musical innovations within a historical context from prehistory to modern eras. The course includes a chronological and contextual study of the development of art and music in which students will create, analyze, and explore the styles and concerns of established artists, musicians, and genres of the fine arts.

### **SPEECH (205)**

**(0.5 credit)**

This **required** course develops fundamental speech skills and the related theory. Among the topic areas are delivery techniques, content analysis, research skills, speech organization, visual aids, audience analysis, nonverbal communication, and listening skills.

The students have ample opportunity to develop and improve these speech-related skills through a variety of public speaking situations. Students will select their topics, research the necessary materials, evaluate the information in relation to the listener's needs, and synthesize the message. By developing such skills, the students will be better able to take their place as responsible citizens and Christians in our society.

### **BEGINNING BAND (206)**

**(1.0 credit)**

The beginner band class is for students who wish to participate in the Fenwick High School Band Program but who do not have any prior experience reading music or playing a band instrument. The instruments that will be taught are: flute, clarinet, alto saxophone, French horn, trumpet, trombone, baritone, tuba, or percussion. Basic skills such as fingerings, stick technique, musicality, and reading music will be taught while the student learns to play the instrument.

Students are responsible for purchasing or renting their own instrument and having that instrument ready for the first day of class. Performance requirements include, but are not limited to, Fenwick High School Band Concerts.

At the conclusion of the beginning band class, students will be able to play their instrument at a level equivalent to someone who has been playing their instrument for four years. Students will be auditioned to gain admittance to the concert band class the following year.

NOTE: Beginning Band (206) does NOT fulfill the graduation requirement for Fine Arts.

## **CONCERT BAND (207)**

**(1.0 credit)**

Concert Band class is designed for freshmen and upperclassmen with previous experience on the following instruments: flute, oboe, clarinets, saxophones, bassoon, trumpet, French horn, trombone, euphonium/baritone, or tuba. No audition is necessary to participate in Concert Band. All members of the Concert Band are also members of the Pep Band.

Performance, music history, music theory, and musical techniques are learned through large ensemble standard and contemporary band music. Basic performance skills included in this course are note recognition, rhythm recognition, key signatures, musical vocabulary, and fingerings and sticking on specific instruments. Basic theory skills included in the course are knowledge of the circle of fifths and intervals. A freshman or sophomore may take two consecutive semesters of concert band instead of the one semester fine arts course in order to complete the fine arts graduation requirement.

### **BAND PREREQUISITE:**

- Prior experience playing a band instrument

## **CONCERT PERCUSSION (207p)**

**(1.0 credit)**

This course is designed for percussionists with experience playing in a concert band setting. Also, students should have experience playing a variety of percussion instruments and be able to read music. All members of Concert Percussion are also members of the Concert Band and Pep Band.

This course gives the percussion section a chance to expand their playing opportunities outside the normal concert band setting. The students will rehearse music for pep band, concert band, and concert percussion during this class. Students will play all of the percussion instruments including snare drum, timpani, and keyboards, as well as the accessory instruments.

Rhythm, note recognition, and rudiments are concepts that are emphasized within this course. A freshman or sophomore may take two consecutive semesters of concert percussion to fulfill the fine arts graduation requirement.

### **BAND – PERCUSSION ENSEMBLE PREREQUISITES:**

- Prior experience on a variety of percussion instruments
- The ability to read music

## **WIND ENSEMBLE (wien)**

**(1.0 credit)**

Wind Ensemble is an advanced class for upperclassmen with previous experience on the following instruments: flute, oboe, clarinets, saxophones, bassoon, trumpet, French horn, trombone, euphonium/baritone, or tuba. An audition is required to be considered for Wind Ensemble. All members of the Wind Ensemble are also members of the Pep Band. Performance, music history, music theory, and musical techniques are learned through large ensemble standard and contemporary band music. Advanced performance skills emphasized in the course are expression, tone quality, intonation, and complex rhythm. Advanced theory skills included in the course are chord structure, transposition, and composition techniques. Two consecutive semesters of Wind Ensemble will fulfill the fine arts graduation requirement.

### **WIND ENSEMBLE PREREQUISITES:**

- Prior experience playing a band instrument
- One year in Concert Band or consent of the Instructor
- An audition

## **PERCUSSION ENSEMBLE (peen)**

**(1.0 credit)**

This course is designed for advance percussionists with experience playing in a concert band setting. An audition is required to be considered for membership in the Percussion Ensemble. All members of Percussion Ensemble are also members of Wind Ensemble and Pep Band.

This course gives the percussion section a chance to expand their playing opportunities outside the normal concert band setting. The students will rehearse music for pep band, wind ensemble, and percussion ensemble during this class. Students will play all of the percussion instruments including the snare drum, timpani, and keyboards, as well as accessory instruments.

Advanced rhythms, complex time signatures and rudiments are concepts that are emphasized within this course. Two consecutive semesters of Percussion Ensemble will fulfill the fine arts graduation requirement.

### **PERCUSSION ENSEMBLE PREREQUISITES:**

- Prior experience playing percussion instruments
- One year in Concert Percussion or consent of the Instructor
- An audition

## **WIND ENSEMBLE HONORS (wienh)**

**(1.0 credit)**

Sophomore, junior and senior students already enrolled in Wind Ensemble may be eligible for an honors credit. To determine eligibility and be accepted they must audition during the prior school year for the band director. Then, the following activities are required to receive the honors point: IMEA auditions (October), Solo and Ensemble (March), monthly playing tests with the band director, and private lessons.

### **WIND ENSEMBLE HONORS PREREQUISITES:**

- Completion of one year of either Concert Band or Wind Ensemble
- Audition with Instructor
- Approval of Instructor

**PERCUSSION ENSEMBLE HONORS (peenh)****(1.0 credit)**

Sophomore, junior and senior students already enrolled in the Percussion Ensemble class may be eligible for an honors credit. To determine eligibility and be accepted they must audition during the prior school year for the band director. Then, the following activities are required to receive the honors point: IMEA auditions (October), Solo and Ensemble (March), monthly playing tests with the Band Director, and private lessons.

**PERCUSSION HONORS PREREQUISITES:**

- Completion of one year of either Concert Percussion or Percussion Ensemble
- Audition with Instructor
- Approval of Instructor

**STRING ORCHESTRA (stor)****(1.0 credit)**

The Fenwick String Orchestra is a class for string players (violin, viola, cello, double bass) with previous experience. No audition is necessary to participate.

Performance, music history, music theory, and musical techniques are learned through music of different styles and from different time periods. Basic performance skills included in this course are note recognition, rhythm recognition, key signatures, musical vocabulary, and bowing technique. Basic theory skills included in the course are knowledge of the circle of fifths and intervals. A freshman or sophomore may take two consecutive semesters of string or orchestra instead of the one semester fine arts course in order to complete the fine arts graduation requirement.

**STRING ORCHESTRA PREREQUISITE:**

- Previous experience playing a string instrument

**MEN'S CHOIR (209m)****(1.0 credit)**

This course is an introductory level vocal ensemble open to all Fenwick male students who have the desire to sing. The purpose of vocal training at the high school level is to establish solid vocal techniques for use in vocal music activities, both choral and solo. Emphasis is on learning how to adjust the vocal mechanism for the changing male voice, developing vocal skills, reading music, diction, part-singing, and fundamentals of music theory. Music is drawn from music written specifically for the male voice in various choral music periods and styles. Performance requirements include, but are not limited to, Christmas and Spring concerts, as well as school sponsored activities. Members of the Men's Chorus combine with other Fenwick vocal ensembles to comprise the National Anthem Choir for home athletic events. Men's Chorus may be taken all four years.

**WOMEN'S CHOIR (209f)****(1.0 credit)**

This course is an introductory level vocal ensemble open to all Fenwick female students who have the desire to sing. The purpose of vocal training at the high school level is to establish solid vocal techniques for use in vocal music activities, both choral and solo. Emphasis is on developing vocal skills, reading music, diction, part-singing, and fundamentals of music theory. Music is drawn from music written specifically for the female voice in various choral music periods and styles. Performance requirements include, but are not limited to, Christmas and Spring concerts, as well as school sponsored activities. Members of the Woman's Chorus combine with other Fenwick vocal ensembles to comprise the National Anthem Choir for home athletic events. Woman's Chorus may be taken all four years.

**CONCERT CHOIR (208)****(1.0 credit)**

This course is open to those who have the desire to continue study in choral / vocal music. The purpose of vocal training at the high school level is to establish solid vocal technique for use in vocal music activities, both choral and solo. Focus is given to advanced techniques for the continued development of choral / vocal tone quality, diction, part-singing, ear-training, melodic and rhythmic sight-singing skills, and fundamental music theory. Music is drawn from various choral music periods and styles. This ensemble performs at concerts, solo and ensemble music competitions, off-campus community and civic functions, as well as school sponsored activities. Honors status and credit is open to members of this performing group. See Concert Choir Honors section for more information.

**CONCERT CHOIR PREREQUISITE:**

- One year in Women's or Men's Choir
- Audition
- Approval of the Choral Director

**CONCERT CHOIR HONORS (208h)****(1.0 credit)**

This course is open to those who have the desire for continued advance study in choral/vocal music. The purpose of vocal training at the high school level is to establish solid vocal technique for use in vocal music activities, both choral and solo. Focus is given to advanced techniques for the continued development of vocal tone quality , diction, part-singing, melodic and rhythm sight singing skills, building advanced music theory skills of major/minor scales and traids, and ear-training. In addition to the required regular Concert Choir activities, Honors Students are required to participate in solo or ensemble events such as, but not limited to, IMEA, IHSA, and Northwestern University music events. Members of Concert Choir Honors combine with other Fenwick vocal ensembles to comprise National Anthem Choirs for home athletic events. Music is drawn from various choral music periods and styles. This ensemble performs at liturgies, concerts, solo and ensemble music competitions, off-campus community and civic functions, as well as school sponsored activities.

**CONCERT CHOIR HONORS PREREQUISITE:**

- Women's or Men's Choir or enrollment in the Concert Choir
- Application and Audition
- Approval of the Choral Director

## **TECHNICAL DRAWING (304)**

**(1.0 credit)**

This class is for those interested in technical drawing because they wish to be, or are, interested in entering the field of drafting, engineering, industrial design, architecture, or those interested in one of the many other professions that require a knowledge of technical drawing. Students will find insight with modern industry, manufacturing processes, and technology. The primary objective of the class is to help the student achieve a solid accomplishment and thorough understanding of the skills involved by teaching the fundamentals of the subject matter. A 'fee' is required for equipment and instruments which the students retain. Also included are supplies and book rental.

### **TECHNICAL DRAWING PREREQUISITE:**

- Geometry

## **SURVEY OF STUDIO ART (309)**

**(0.5 credit)**

The Survey of Studio Art course is a class designed to explore the visual arts. Students will experience working in various media through studio projects, written and oral critique, research and art history. Area of concentration may include, but is not limited to, drawing, photography, painting, sculpture, printmaking (block printing & silk screen), batik, repousse and ceramics. Students will learn new techniques and develop a visual and structural understanding of both 2-D and 3-D media with an emphasis on observation and effective utilization of materials, processes and concepts relating to both the elements of art and the principle of design.

### **SURVEY OF STUDIO ART PREREQUISITE:**

- Fine Arts

## **2D STUDIO ART (2DSA1)**

**(0.5 credit)**

The 2D Studio Art class is designed for highly motivated students interested in exploring and developing their two Dimensional art skills. Students will work in their preferred medium(s) and will be required to complete a personal portfolio of work by the end of the semester. All three aspects of the portfolio, Quality (5 pieces), Breadth (6 pieces) and Concentration (6pieces) will be required. There will be group and individual critiques during the making of and on the due date of each assignment. Students may work in the following media: drawing, painting, print making, batik, multi-media or photography. This course is opened to sophomores, juniors and seniors.

### **2D STUDIO ART PREREQUISITE:**

- Survey of Studio Art
- Approval of the Instructor

## **2D STUDIO ART LEVELS II-IV**

**(0.5 CREDIT)**

The 2D Studio Levels II-IV Art Classes are designed for highly motivated students interested in continuing to explore and develop their two Dimensional art skills. Personal development, critical thinking and the student's relationship to materials and techniques will be emphasized. Each level of this course reinforces techniques and strategies learned in the previous course. Commitment and discipline are mandatory and expected, commensurate with students' increased role in shaping their course of study.

Students will work in their preferred medium(s) and will be required to complete a personal portfolio of work by the end of the semester. All three aspects of the portfolio, Quality (5 pieces), Breadth (5 pieces) and Concentration (5 pieces) will be required. There will be group and individual critiques during the making of and on the due date of each assignment. Students may work in the following media: drawing, printmaking, batik, multi-media or photography.

### **2D STUDIO ART LEVELS II- IV PREREQUISITE:**

- Instructor approval is required

## **3D STUDIO ART (3DSA1)**

**(0.5 CREDIT)**

The 3D Studio Art Class is designed for highly motivated students interested in exploring and developing their three Dimensional art skills. Students will work in their preferred medium(s) and will be required to complete a personal portfolio of work by the end of the semester. All three aspects of the portfolio, Quality (5 pieces), Breadth (6 pieces) and Concentration (6 pieces) will be required. There will be group and individual critiques during the making of and on the due date of each assignment. Students may work in the following media: sculpture, ceramics, repousse, or mixed media.

### **3D STUDIO ART PREREQUISITE:**

- Survey of Studio Art
- Approval of the Instructor

## **3D STUDIO ART LEVELS II-IV (3DSA II-IV)**

**(0.5 CREDIT)**

The 3D Studio Art Level ii-iv Classes are designed for highly motivated students interested in continuing to explore and develop their three Dimensional art skills. Personal development, critical thinking and the student's relationship to materials and techniques will be emphasized. Each level of this course reinforces techniques and strategies learned in the previous course. Commitment and discipline are mandatory and expected, commensurate with students' increased role in shaping their course of study.

Students will work in their preferred medium(s) and will be required to complete a personal portfolio of work by the end of the semester. All three aspects of the portfolio, Quality (5 pieces), Breadth (5 pieces) and Concentration (5 pieces) will be required. There will be group and individual critiques during the making of and on the due date of each assignment. Students may work in the following media: sculpture, ceramics, repousse, or mixed media.

### **3D STUDIO ART LEVELS II- IV PREREQUISITE:**

Instructor approval is required.

**SURVEY OF MUSIC (308)****(0.5 credit)**

This course will be an extension of the Fine Arts course with a focus on music theory and an advanced level of the fundamentals of music history. Students are made aware of the basic concepts of rhythm, melody, harmony, key signatures, ear training, and musical structures. This course is a prerequisite for AP Music Theory.\*

\*(Fenwick does not currently offer this AP course.)

**SURVEY OF MUSIC PREREQUISITE:**

- Fine Arts, Band, or Choir

**AP ART HISTORY (506)****(1.0 credit)**

This course is an introductory college course that provides an understanding and enjoyment of architecture, sculpture, painting, and other art forms within historical and cultural contexts. Students also learn to look at works of art critically, with intelligence and sensitivity, and to articulate what they see or experience. Visual style and analysis along with writing skills are emphasized in preparation for the AP examination in Art History.

**AP ART HISTORY PREREQUISITE:**

- 3.25 grade point average in Fine Arts and English courses
- Consent of the Instructor

**HISTORY AND THEORY OF FILM (hitf)****(0.5 credit)**

This course is an introduction to serious consideration of cinema as an art form. The course will introduce the student to the analysis of form in film, genres, narrative structure and the relationship of film to culture. The goal is to develop visual literacy – sharpening powers of observation, developing skills and habits of perceptive watching, and discovering complex elements of film art. The theory of film will be taught in the context of the history of cinema. Students will be introduced to films from the early silents through contemporary movies. Special attention will be given to the great auteur directors and international cinema. Students will typically view about fifteen full length films during the course. The class is available to students who will be juniors and seniors in the fall. There is no prerequisite. History and Theory of Film does not fulfill the graduation requirement for Expressive Arts.

## EXPRESSIVE ARTS COURSES

	<b>Grade 9</b>	<b>Grade 10</b>	<b>Grade 11</b>	<b>Grade 12</b>
<b>FINE ARTS</b>	Fine Arts (1 semester) <b>OR</b> Band or Chorus (2 semesters)	Fine Arts (1 semester) <b>OR</b> Band or Chorus (2 semesters)		
<b>SPEECH</b>		Speech		
<b>INSTRUMENTAL</b>	String Orchestra	String Orchestra	String Orchestra	String Orchestra
	Beginning Band	Beginning Band	Beginning Band	
	Concert Band	Concert Band	Concert Band	Concert Band
	Concert Percussion	Concert Percussion	Concert Percussion	Concert Percussion
		Wind Ensemble (Wind Honors)	Wind Ensemble (Wind Honors)	Wind Ensemble (Wind Honors)
		Percussion Ensemble (Percussion Honors)	Percussion Ensemble (Percussion Honors)	Percussion Ensemble (Percussion Honors)
<b>CHORAL</b>	Women's Choir	Women's Choir		
	Men's Choir	Men's Choir		
	Concert Choir	Concert Choir	Concert Choir	Concert Choir
<b>ADDITIONAL COURSES</b>		Survey of Studio Art	Survey of Studio Art	Survey of Studio Art
		Survey of Music	Survey of Music	Survey of Music
		2D Studio Art I-IV	2D Studio Art I-IV	2D Studio Art I-IV
		3D Studio Art I -IV	3D Studio Art I-IV	3D Studio Art I-IV
			AP Art History	AP Art History
			Technical Drawing	Technical Drawing
			History and Theory of Film	History and Theory of Film

## FOREIGN LANGUAGES

### **FRENCH I (123)**

**(1.0 credit)**

This course introduces students to the elements of French grammar and culture. It will concentrate on developing the faculties of listening, speaking, reading, and writing.

### **FRENCH II (223)**

**(1.0 credit)**

This course continues the work begun in first year French, introducing students to the elements of French grammar and culture and developing the faculties of reading, listening, and speaking French. This course also introduces students to written composition in French.

#### **FRENCH II PREREQUISITE:**

- Successful completion of French I or exemplary results on department placement test

### **FRENCH III HONORS (323)**

**(1.0 credit)**

An intermediate level course, which reviews, reinforces, and builds skills acquired in previous study of French. This course is an honors level course.

#### **FRENCH III HONORS PREREQUISITES:**

- 3.0 grade point average in French II
- Instructor recommendation

### **AP FRENCH (523)**

**(1.0 credit)**

AP French is an elective Advanced Placement course which is taught in French for highly qualified and motivated students. The course includes a review and refining study of French grammar and a survey of Francophone literature including poetry, short stories, plays and current events. The aural component uses current events spoken by native speakers. Writing skills and oral facility are emphasized in preparation for the Advanced Placement examination in the French language.

#### **AP FRENCH V PREREQUISITES:**

- Successful completion of French III

### **GERMAN I (127)**

**(1.0 credit)**

German I is devoted to the acquisition of communication skills in reading, writing, speaking, and listening comprehension in German. The course will introduce the present, perfect, and future tenses. The nominative, the accusative, and the dative cases are mastered in the context of learning basic vocabulary words. In addition to the linguistic dimension of the course, there is a survey of the cultural norms of the major German speaking countries: Germany, Austria, and Switzerland.

**GERMAN II (227)****(1.0 credit)**

Using a variety of sources, students demonstrate the second level of proficiency in the language. In addition to skills learned in German I, students are introduced to actual situations in the home, school, and economic and social realities.

**GERMAN II PREREQUISITE:**

- Successful completion of German I or exemplary results on department placement test

**GERMAN III HONORS (327)****(1.0 credit)**

German III is designed to lead students who have gained a basic working knowledge of German into a higher level of oral proficiency and the ability to analyze and comment, both in writing and orally, on reading material suited to Level III work. This course is an honors level course.

**GERMAN III HONORS PREREQUISITES:**

- 3.0 grade point average in German II
- Instructor recommendation

**AP GERMAN (527 )****(1.0 credit)**

AP German is an elective Advanced Placement Course, taught in German and limited to highly qualified students. The course includes the review and refinement of German grammar and vocabulary, as well as the continued study of German literature, history, current events, and short stories. Writing, oral comprehension and speaking skills are further developed through the creation of poetry, oral presentations, and essays. An emphasis on spontaneous speaking and writing prepares the students for the Advanced Placement Exam in the German Language.

**AP GERMAN PREREQUISITE:**

- Successful completion of German III or Instructor's Approval

**ITALIAN I (129)****(1.0 credit)**

Italian I is an introduction to the basic elements that will develop the necessary communicative skills of reading, writing, listening, and speaking the Italian language. While the focus of the course is the study of grammar and the acquisition of vocabulary, the varied aspects of Italian culture and the people of Italy will be essential components.

**ITALIAN II (229)****(1.0 credit)**

Italian II continues the development of the four basic language skills: reading, writing, listening, and speaking. The focus is upon correct pronunciation, in conjunction with the obtainment of new vocabulary, verb tenses, and idiomatic phrases. The appreciation of Italian culture and daily life continues as an integral component of language study.

**ITALIAN II PREREQUISITE:**

- Successful completion of Italian I or exemplary results on department placement test

**ITALIAN III HONORS (329)****(1.0 credit)**

Through both written and oral work in the language, Italian III reviews and reinforces basic language structure and continues the acquisition of new vocabulary and advanced grammar. Italian culture and literature will be examined through selected readings appropriate to Level III. This course is an honors level course.

**ITALIAN III HONORS PREREQUISITES:**

- 3.0 grade point average in Italian II
- Instructor recommendation

**ITALIAN IV HONORS (429)****(1.0 credit)**

Italian IV continues the acquisition of a more advanced vocabulary and completes the study of grammar. Selected classical and contemporary readings, along with discussion and composition, develop a cultural awareness and appreciation. This course is an honors level course.

**ITALIAN IV HONORS PREREQUISITE:**

- Successful completion of Italian III

**AP ITALIAN (529)****(1.0 credit)**

AP Italian is an elective Advanced Placement course, taught in Italian and limited to highly qualified students. The course includes the review and refinement of Italian grammar and the continued study of Italian literature, music, art, poetry and short stories. Writing, oral comprehension and speaking skills are further developed through the creation of poetry, oral presentation, and essays. An emphasis on spontaneous speaking and writing prepares the student for the Advanced Placement Exam in the Italian Language.

**AP ITALIAN PREREQUISITE:**

- Successful completion of Italian III
- Approval of the Department Chair

**LATIN I (121)****(1.0 credit)**

Latin I introduces the student to the basics of Latin grammar and syntax. Translation of a connected series of stories is the vehicle for introducing gender, number and case as it applies to nouns, adjectives and pronouns; and person, number, tense and mood as it applies to verbs. The main focus is in establishing a foundation in the Latin vocabulary.

**LATIN II (221)****(1.0 credit)**

Latin II continues the series of connected stories while increasing syntactical forms and admitting more complicated grammar. The tenses of the verbs increase dramatically, while voice is introduced along with participles. The main focus is acquiring and learning the forms of syntax.

**LATIN II PREREQUISITE:**

- Successful completion of Latin I

### **LATIN III HONORS (321)**

**(1.0 credit)**

Latin III continues the story with increasingly more complicated grammatical structure. The focus in this course is on translation in preparation for reading The Aeneid in Latin IV. The subjunctive mood is introduced along with all of its special uses. Peculiar Latin expressions involving the absolute, the passive periphrastic, indirect statement, etc. will be taught. This course is an honors level course.

#### **LATIN III HONORS PREREQUISITES:**

- 3.0 grade point average in Latin II
- Instructor and Department Chair approval

### **LATIN IV HONORS (421)**

**(1.0 credit)**

Authentic Latin poetry, namely The Aeneid by Virgil, is read, translated and scanned for meter. Students will carefully read the epic poem dissecting words, the rhythm and the meaning. The main focus is to develop an appreciation for Virgil's art and the reading of Latin literature. This course is an honors level course.

#### **LATIN IV HONORS PREREQUISITE:**

- Successful completion of Latin III

### **AP LATIN (521)**

**(1.0 credit)**

AP Latin is an elective Advanced Placement course limited to highly qualified and motivated students. Students will translate from the Latin approximately 1800 lines of Vergil's *Aeneid*. The course will include metrical scansion and literary analysis, and prepare students for the free response sections of the AP examination, which comprise translation and English composition. There is a summer reading and study requirement: the complete *Aeneid* (in English); review of Latin vocabulary appearing more than 15x in the text.

#### **AP LATIN PREREQUISITE:**

- Grade of A in Latin III or Instructor's recommendation

### **SPANISH I (125)**

**(1.0 credit)**

Language is both sound and meaning. Since sounds have their own written representations, the spoken and written works are treated interdependently in a balanced-skills approach. The approach is audio-lingual in that listening and speaking skills are cultivated along with reading and writing skills. Since language and culture are inseparable, nothing transmits cultural information better than its language. Thus, Hispanic ways of life, attitudes, and customs are an integral part of language study.

### **SPANISH II (225)**

**(1.0 credit)**

Spanish II is taught in English and Spanish and is devoted to the acquisition of communication skills in reading, writing, speaking and listening. The course introduces new vocabulary, verb tenses, and idiomatic expressions. While the focus is upon grammar and syntax, considerable time will be spent studying Hispanic cultures and their history.

#### **SPANISH II PREREQUISITE:**

- Successful completion of Spanish I or exemplary results on department placement test.

**SPANISH III HONORS (325, 326)****(1.0 credit)**

Spanish III is taught in Spanish and is devoted to the acquisition of communication skills in reading, writing, speaking and listening. The course reviews and completes all major syntactic and morphological structures while building vocabulary in diverse semantic fields. Surveys of Hispanic short stories and poetry as well as readings on cultural and historical topics complement the purely linguistic dimension of the course. This course is an honors level course.

**SPANISH III HONORS PREREQUISITES:**

- 3.0 grade point average in Spanish II and B average on final examination
- Instructor recommendation

**SPANISH IV HONORS (425, 426)****(1.0 credit)**

Spanish IV is taught in Spanish and is devoted primarily to the acquisition of communication skills in reading, writing, speaking and listening. Those students who wish to sit for the Advanced Placement examination in Spanish language may do so after completing this course. To that end, there is a review of all syntactic and morphological structures while building vocabulary from diverse sources. The first semester's vocabulary is taken from essays, articles and literary readings. In the second semester, specific course readings include representative essays, short stories, poetry, as well as newspaper and magazine articles on current events. This course is an honors level course.

**SPANISH IV HONORS PREREQUISITE:**

- Successful completion of Spanish III

**AP SPANISH (525)****(1.0 credit)**

AP Spanish is an elective Advanced Placement course, which is taught in Spanish and is characterized by enrollment limited to highly qualified students. The course includes a review of Spanish grammar, a survey of Hispanic literature, independent study as well as discussion of current events found in local Spanish newspapers. Individualized independent study projects will generate oral reports. Acquisition of vocabulary, practice of spontaneous speaking, development of writing skills and oral comprehension are emphasized in preparation for the Advanced Placement examination in Spanish language.

**AP SPANISH PREREQUISITE:**

- Successful completion of Spanish IV or Instructor recommendation

## MATHEMATICS

### COLLEGE PREP ALGEBRA I (131)

(1.0 credit)

This is a **required** full year course for freshmen. It is a beginning course for freshmen with some or no previous exposure to algebra. This course will introduce students to the algebra language and its operations.

### ACCELERATED ALGEBRA HONORS - FRESHMEN (133)

(1.0 credit)

This is a **required** course for freshmen who achieve a very high test score on either the entrance exam or the mathematics placement test. This course offers a more in-depth study of algebra and its application. In addition to a review of algebra, more advanced topics such as quadratic functions and the complex number system will be studied.

ACCELERATED ALGEBRA HONORS PREREQUISITE:

- High mathematics scores on entrance examination or department placement test for eighth graders

### COLLEGE PREP GEOMETRY (231) GEOMETRY HONORS (232)

(1.0 credit)

Geometry is designed to improve a student's ability to reason and to use logic as a tool for understanding the world around us. This **required** course introduces the student to geometric principles and provides challenging problems with a visual link to arithmetic and algebra.

COLLEGE PREP GEOMETRY PREREQUISITE:

- Successful completion of College Prep Algebra I or Accelerated Algebra Honors

GEOMETRY HONORS PREREQUISITE:

- Successful completion of Accelerated Algebra Honors or satisfactory grade on the placement test

### ADVANCED ALGEBRA III - JUNIORS (333)

(1.0 credit)

This is a **required** course for juniors who have achieved satisfactory grades in Algebra and Geometry. This course offers a more in-depth study of algebra and its application. In addition to a review of algebra, more advanced topics such as quadratic functions and the complex number system will be studied.

ADVANCED ALGEBRA III PREREQUISITES:

- Satisfactory grades in Algebra I and Geometry

**ALGEBRA III INTERMEDIATE (334)****(1.0 credit)**

This is a **required** third year course for juniors who have had difficulty in the past with math. It will cover algebra in depth, but at the luxury of a slower pace. It will extensively review algebraic fundamentals and principles, as well as introduce advanced algebra concepts.

**ALGEBRA III INTERMEDIATE PREREQUISITES:**

- Successful completion of Algebra I and Geometry with less than a 2.0 average in math

**PRE-CALCULUS HONORS (336)****(1.0 credit)**

This is a **required** course for students who have achieved, at a high level, in one or more previous mathematics honors courses. Juniors who have successfully passed a placement test may also take this course. It provides a base for calculus with extensive coverage of polynomial, rational, exponential, and logarithmic functions. Other pre-calculus subjects include trigonometry, systems of equations, inequalities, matrices, and determinants.

**PRE-CALCULUS HONORS PREREQUISITE:**

- Successful completion of Geometry Honors or satisfactory grade on the placement test

**ALGEBRA/TRIG IV INTERMEDIATE (431)****(1.0 credit)**

This is a fourth year course designed for students who want to take an additional year of math as preparation for college. The first semester of this course is a **required** semester of trigonometry. The course will include more pre-calculus topics (trigonometric, exponential, and logarithmic functions, trig identities and their application to problem solving and also matrices and their applications) at a pace that is appropriate for the class level.

**ALGEBRA/TRIG IV INTERMEDIATE PREREQUISITE:**

- Intermediate Algebra III

**TRIG/PRE-CALCULUS IV (432)****(1.0 credit)**

This is a **required** fourth year course for seniors or for juniors who have left the honors program at some point in the past and who did not cover trigonometry in previous courses. It is designed for an in-depth study of pre-calculus topics such as trigonometry and exponential and logarithmic functions.

**TRIG/PRE-CALCULUS IV PREREQUISITE:**

- Advanced Algebra III or Accelerated Algebra Honors

**CALCULUS IV HONORS (433)****(1.0 credit)**

This is an elective fourth year course for students who would like to study Calculus without having to follow the demanding AP – BC schedule. The students will receive an excellent foundation of Calculus by studying rates of change, derivatives, related rates, integrals (definite and indefinite), and applications of all of the above.

**AP CALCULUS IV (434)****(1.0 credit)**

This is an elective fourth year course for seniors and for underclassmen who have placed out of all previous honors level courses. The course follows the Advanced Placement BC course syllabus, allowing the student to take the AP examination at the conclusion of the course in order to obtain one semester (AP CALCULUS AB TEST) or two semesters (AP CALCULUS BC TEST) of college credit. Participation in the AP Calculus BC course is by invitation only based on past math grades.

CALCULUS HONORS and AP CALCULUS PREREQUISITE:

- Pre-Calculus Honors or Trig/Pre-Calculus with Instructor recommendation

**MULTI VARIABLE CALCULUS HONORS (532)****(1.0 credit)**

This course is a continuation of the college calculus sequence. Topics from Calculus AB and BC will be reviewed as well as covering additional topics from the normal third semester of a college three-semester calculus sequence. This course will also offer an introduction to differential equations.

MULTIVARIABLE CALCULUS HONORS PREREQUISITE:

- AP Calculus IV

**DIFFERENTIAL EQUATIONS HONORS (632)****(1.0 credit)**

This course covers differential equations and an introduction to linear algebra.

DIFFERENTIAL EQUATIONS HONORS PREREQUISITE:

- Multivariable Calculus Honors

**LINEAR ALGEBRA HONORS (633)****(1.0 credit)**

This course covers linear algebra and selected advanced math topics.

LINEAR ALGEBRA HONORS PREREQUISITE:

- Differential Equations Honors

## **COLLEGE PREP STATISTICS (436)**

**(0.5 credit)**

Statistics is a collection of methods for planning experiments, obtaining data, and then organizing, summarizing, presenting, analyzing, interpreting, and drawing conclusions based on the data. In this class students will learn how to develop general and meaningful conclusions that go beyond the original data. This course may be paired with the one semester Trigonometry or the one semester Finite Math course if the trigonometry requirement has been satisfied.

### **STATISTICS PREREQUISITE:**

- Advanced Algebra III or Instructor recommendation

## **AP STATISTICS (536)**

**(1.0 credit)**

Statistics is a collection of methods for planning experiments, obtaining data, and then organizing, summarizing, presenting, analyzing, interpreting, and drawing conclusions based on the data. In this class students will be exposed to four themes: 1) exploring data; 2) planning a study; 3) anticipating patterns; 4) statistical inference. This course will prepare the student for the Advanced Placement examination in statistics.

### **AP STATISTICS PREREQUISITES:**

- 3.5 grade point average in non-honors math courses or 4.0 grade point average in honors math courses
- Successful completion of pre-calculus honors or taken simultaneously with Trig/Pre-Calculus
- Instructor approval

## **FINITE MATH (437)**

**(0.5 credit)**

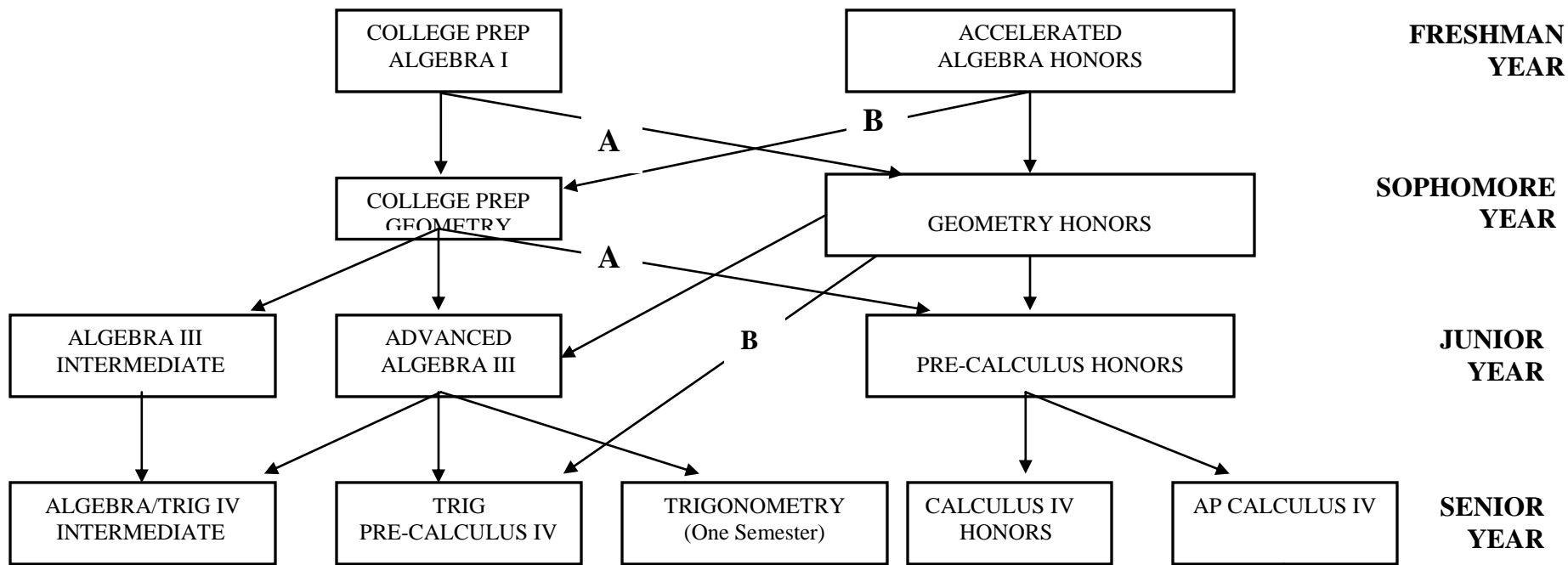
This one semester course covers math concepts such as matrices and linear programming applications. This course is helpful for students planning a college business major and who do not wish to select a full year math course. This course could also be paired with the one-semester trigonometry course or, if the trigonometry requirement has been satisfied, it may be paired with the statistics course.

## **TRIGONOMETRY (435)**

**(0.5 credit)**

This is a one-semester course covering all trigonometry topics for students not continuing with a full year senior math elective. This course could be paired with Finite Math or Statistics.

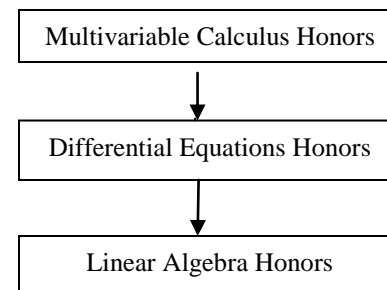
**NOTE:** This course is **required** for any student who did not cover trigonometry in other full-year courses.



**Note:**

(A) Students may enter the honors track after successful completion of the appropriate exam, recommendation of their teacher, and approval of the department chair.

(B) Students leaving the honors track will take Trig/Pre-Calc IV during their junior year and may qualify for Honors Calculus, Finite Math, Statistics, or AP Statistics in their senior year.



**Sophomores through Seniors**  
 AP COMPUTER SCIENCE  
 MODERN COMP TECH  
 VISUAL BASIC COMP PROG  
 (One or two semesters)

**Juniors and Seniors**  
 AP STATISTICS

**Seniors**  
 FINITE MATH  
 (One semester)  
 STATISTICS  
 (One semester)

## COMPUTERS

### **MODERN COMPUTER TECHNOLOGY (394)**

**(0.5 credit)**

This course will introduce students to the fundamentals of using a computer. Students will learn about the parts of a computer and will learn to use important productivity tools such as a word processor, spreadsheet, database, presentation graphics package, and web page design. No previous experience with computers is required.

First quarter topics include operating systems, spreadsheets, databases, and integrated software.

Second quarter topics include computer literacy, Internet/world wide web, web page development, and HTML.

### **VISUAL BASIC COMPUTER PROGRAMMING (395)**

**(0.5 credit)**

This course explores programming using Visual Basic 6.0 (form of BASIC programming language) and computer mathematics topics including binary numbers and boolean algebra. This would cover logical problem solving and would be good preparation for a Java programming course as well as college programming courses.

### **AP COMPUTER SCIENCE A (294)**

**(1.0 credit)**

This course will introduce students to computer science using the programming language Java. Students will learn fundamental concepts of programming and design, including variables, loops, functions, classes, arrays and strings. No prior knowledge of programming is required; however basic computer skills are necessary.

This course will prepare students for the AP examination in Computer Science (A).

AP Computer Science A PREREQUISITES:

- 4.0 grade point average in honors math courses or 3.5 grade point average in non-honors math courses
- Objective placement exam and Instructor approval

## HEALTH

### HEALTH (14Y, 24Z)

(0.5 credit)

Health is designed to study and explore various topics associated with the health and welfare of the students and others around them. The course introduces and discusses positive and negative aspects of hygiene, stress, fitness, drugs, alcohol, tobacco, nutrition, disease and first aid through lecture and class discussion. The course incorporates and stresses our Christian value system. This is a **required** full year course for freshmen and sophomores enrolled in biology.

## PHYSICAL EDUCATION

### FRESHMAN/SOPHOMORE PHYSICAL EDUCATION (183F, 283F, 283T)

(0.25-0.5 credit)

Activities of the physical education department are divided into three main sections within the program: aquatic skills and games in the swimming pool; weight lifting and conditioning in the weight room; team sports and skills in the gymnasium and recreation parks. CPR and first aid training as well as elements of team building in an adventure setting will also be incorporated into the P.E. curriculum. This is a required course for freshmen and sophomores.

Freshmen who are **not** registered for Biology Honors have the following options:

- 1 semester of P.E. (five days per week) and earn .25 credit and 1 semester of Fine Arts and earn .5 credit
- OR
- 2 semesters of P.E. (three days per week) and earn .25 credit per semester and 2 semesters of band or choir (.5 credit per semester)

Freshmen who take Biology Honors will register for P.E. during their sophomore year. These students will have P.E. 3 days per week for 2 semesters and will earn .25 credits total for the year.

### JUNIOR/SENIOR PHYSICAL EDUCATION (383F, 383T, 483F, 483T)

(0.25-0.5 credit)

Activities of the physical education department are divided into three main sections: aquatic skills and games in the swimming pool; weight lifting and conditioning in the weight room; team sports and skills in the gymnasium and recreation parks. CPR and first aid training as well as elements of team building in an adventure setting will also be incorporated into the P.E. curriculum.

## SCIENCE

### COLLEGE PREP BIOLOGY (241)

(1.0 credit)

General biology is an instructional program designed for students at all ability levels. This course will introduce the student to a mastery of key biological concepts and ideas. Timely biological issues will be discussed to help develop an awareness of the relevance of biology. The need to master the science process and safety skills is underscored in the program. Social issues and problems relevant to biology are discussed on an ethical basis. A major thrust will be building proficiency in critical and creative thinking and problem solving.

The course will consist of seven periods each week, which allows for at least two double period sessions of laboratory work. Demonstrations are frequently used in class lectures.

For those wishing to enroll in Chemistry Honors after successful completion of College Prep Biology (241)

- A student must have received a grade no lower than “A” for both semesters in Biology (241)
- A student must be concurrently enrolled in honors math.
- A student must successfully complete a Biology exam of knowledge and skills administered by the science department.
- A student must successfully complete a qualifying exam for basic math skills administered by the science department.
- A student must have approval of the science department chair.
- A student must maintain a grade of “C” or higher to remain in the class.

#### COLLEGE PREP BIOLOGY PREREQUISITE:

- 2.5 grade point average for summer enrollment after freshman year

### BIOLOGY HONORS (142)

(1.0 credit)

Biology honors is a course designed for the advanced freshman student. The course introduces the basic ideas and concepts of biology. The application and relevance of biology to everyday life is discussed as well as career awareness and the relationship of biology to other disciplines. Critical thinking and problem solving are stressed. Social issues and problems relevant to biology are discussed on an ethical basis. Emphasis on open lab work is one of the main focal points of this course. The course will consist of seven periods each week, which allows for at least two double period sessions of laboratory work. Demonstrations will be used frequently in class lectures.

For those wishing to enroll in Chemistry Honors after successful completion of Biology Honors (142)

- A student must receive a grade no lower than “B” for both semesters in Biology (142)
- A student must successfully complete a qualifying exam for basic math skills administered by the science department.
- A student must be concurrently enrolled in honors math and maintain a grade of “B”
- A student must have approval of the science department chair,
- A student must maintain a grade of “C” or higher to remain in the class.

#### BIOLOGY HONORS PREREQUISITES:

- Entrance exam score and review of elementary school records.
- A student must be concurrently enrolled in math honors and maintain a grade of “B” in both semesters.
- Approval by the science department chair and the assistant principal

## **AP BIOLOGY (443)**

**(1.0 credit)**

This course is designed for students interested in a college major in biology or a field related to biological sciences. The emphasis of the course will be major biological concepts – relationship to structure of function, science, technology and society, energy transfer, regulation, science as a process, interdependence in nature, community and change and evolution. The design of the course is that of a first year college biology course. The student will be prepared to take advanced courses in college and to take the AP examination in biology. The course will consist of seven periods each week, which allows for at least two double period sessions of laboratory work. Demonstrations will be used frequently in class lectures.

### **AP BIOLOGY PREREQUISITES:**

- 4.0 grade point average in science and math courses
- Completion of Biology and Chemistry
- Instructor approval

## **SURVEY OF HUMAN BIOLOGY (448)**

**(1.0 credit)**

This course is for students not planning to major in biology, but want or need a credit in science for college. Students who are interested in biology, but who do not want to take AP Biology or Human Anatomy and Physiology would also find this course useful. The course covers the history of biology and human physiology (with an emphasis on conditions that impact day-to-day life). It also covers human genetics, human evolution, human behavior, and the effect of biology on history and social policy.

### **SURVEY OF HUMAN BIOLOGY PREREQUISITES:**

- Biology and 2.5 grade point average or approval of the Instructor

## **HUMAN ANATOMY AND PHYSIOLOGY (445)**

**(1.0 credit)**

This course is designed for detailed study of the structure and function of all parts of the human body. Emphasis is directed at the body systems and their relationship to each other. This is a course for those who plan careers in medicine, athletic training, physical/occupational therapy, nursing, or health service. Various dissections are a **required** part of the course.

### **HUMAN ANATOMY AND PHYSIOLOGY PREREQUISITE:**

- 3.0 grade point average in all science classes

## **COLLEGE PREP CHEMISTRY (454)**

**(1.0 credit)**

College Prep chemistry is a course designed for upper-class students who are proficient in algebra. The course is comprised of lectures, demonstrations, and laboratory sessions. Problem solving sessions are frequently offered. The course introduces most major topics in chemistry. The historical progression of understanding materials and energy parallels the student's progression in understanding the complexities of modern chemistry. The course will consist of seven periods each week, which allows for at least two double period sessions of laboratory work.

### **COLLEGE PREP CHEMISTRY PREREQUISITES:**

- Algebra and Biology
- 2.5 grade point average for summer enrollment
- 3.0 grade point average for juniors taking this course as a 6<sup>th</sup> course

## **CHEMISTRY HONORS (252)**

**(1.0 credit)**

Chemistry honors is a course designed for students who have a strong background in mathematics and who have demonstrated good study habits in biology honors. Students must have a strong interest in sciences and be willing to take a challenging class involving a significant time commitment. Lectures, demonstrations, and laboratory sessions comprise most of the class time. Problem solving sessions are frequently offered.

The course introduces most major topics in chemistry, which include atomic structure, bonding, chemical compositions and chemical reactions, physical states of matter, solutions, acids and bases as well as an introduction of thermodynamic, equilibrium and kinetics. The historical progression of understanding materials and energy parallels the student's development in understanding the complexities of modern chemistry. Many examples of how chemistry may have a positive or negative impact on society are presented. The course will consist of seven periods each week, which allows for at least two double period sessions of laboratory work. Demonstrations will be used frequently in class lectures.

### **CHEMISTRY HONORS PREREQUISITES:**

For students who have successfully completed College Prep Biology (241)

- A student must have received a grade no lower than "A" for both semesters in Biology (241)
- A student must be concurrently enrolled in honors math.
- A student must successfully complete a Biology exam of knowledge and skills administered by the science department.
- A student must successfully complete a qualifying exam for basic math skills administered by the science department.
- A student must have approval of the science department chair.
- A student must maintain a grade of "C" or higher to remain in the class.

For students who have successfully completed Biology Honors (142)

- A student must receive a grade no lower than "B" for both semesters in Biology (142)
- A student must successfully complete a qualifying exam for basic math skills administered by the science department.
- A student must be concurrently enrolled in honors math and maintain a grade of "B"
- A student must have approval of the science department chair,
- A student must maintain a grade of "C" or higher to remain in the class.

**AP CHEMISTRY (453)****(1.0 credit)**

This course is designed for those students interested in a college major in science. The course is an in-depth study of fundamental chemical principles including atomic structures, bonding, chemical reactions, solutions, acids and bases, equilibrium, kinetics, electrochemistry, thermodynamics; chemical analysis will be introduced including qualitative and quantitative inorganic analysis. This course will prepare the students to sit for the AP examination in chemistry. The course will consist of seven periods each week, which allows for at least two double period sessions of laboratory work. Demonstrations will be used frequently in class lectures.

**AP CHEMISTRY PREREQUISITES:**

- 4.0 grade point average in honors science and math courses
- Biology Honors, Chemistry Honors, Physics Honors
- 75<sup>th</sup> percentile on the American Chemical Society Exam
- Instructor approval

**ECOLOGY OF THE RAINFOREST – PERU AND COSTA RICA (451)****(1.0 credit)**

This course offers an extensive study of lowland rain forest ecology, plus workshops with indigenous people of the area. Classes are held one night a week beginning approximately 12 to 14 weeks before the 10 day workshop in Peru. The 8-10 day workshop will occur over the summer months. Students work on their own lab projects, one general diversity project, maintain journals, and present workshops to local grammar schools upon their return. Numbers are limited and selection is determined by the instructors and the Assistant Principal. Course is offered during the even years only.

**COLLEGE PREP PHYSICS (461)****(1.0 credit)**

Physics is the science that deals with the study of matter and energy. It is divided into the areas of motion, waves, sound, light, electricity, and magnetism. Laboratory experience is an important part of this course, as it should help students understand the topics being considered.

The course will consist of seven periods each week, which allows for at least two double period sessions of laboratory work. Demonstrations will be used frequently in class lectures.

This course is designed for the student taking physics as a junior or senior. The student should have completed first year algebra and a course in geometry.

**COLLEGE PREP PHYSICS PREREQUISITE:**

- 2.5 grade point average in math and science courses
- 3.0 grade point average for juniors taking this as a 6<sup>th</sup> course

## **PHYSICS HONORS (462)**

**(1.0 credit)**

Physics is the science that deals with the study of matter and energy. It is divided into the areas of motion, heat, waves, sound, light, electricity, and magnetism. Laboratory experience is an important part of this course, as it should help students understand the topics being considered. Honors physics is a more advanced mathematical treatment of physics. The course will consist of seven periods each week, which allows for at least two double period sessions of laboratory work. Demonstrations will be used frequently in class lectures.

### **PHYSICS HONORS PREREQUISITES:**

- Completion of Chemistry Honors with grades of B or higher for each semester.
- Student must be enrolled in math honors.

For students who have successfully completed college prep chemistry (454)

- Students must have received an "A" for each semester of college prep chemistry
- Student must be enrolled in honors math
- Students must complete a qualifying exam in basic math to be administered by the science department on an assigned date.
- Students must have the approval of the department chair

## **AP PHYSICS (463)**

**(1.0 credit)**

AP physics is a second year of physics that makes use of calculus in derivations and problem solving. The topics covered are mechanics, electricity, and magnetism. The course parallels the first year of a calculus based college physics class designed for physics majors, chemistry majors, or engineering students. The derivation of all physics equations from basic definitions and fundamental laws is stressed. Understanding of basic concepts and critical thinking are used to solve sophisticated and novel problems. This course will consist of seven periods each week, which allows for at least two double period sessions of laboratory work. Demonstrations will be used frequently in class lectures.

### **AP PHYSICS PREREQUISITES:**

- A grade of an A in Physics Honors
- 4.0 grade point average in science courses
- Concurrent registration in Calculus
- Instructor approval

## **PHYSICAL SCIENCE (364)**

**(1.0 credit)**

This course will cover general chemistry, physics and astronomy during the school year. Lectures, lab, and science problem solving will comprise most of the class time. This course will count as a second science graduation requirement and students who do well will be eligible to take chemistry and physics as a third science.

**NOTE: Students who have earned credit in Chemistry or Physics may not register for this course.**

### **PHYSICAL SCIENCE PREREQUISITE:**

- 2.0 – 2.4 grade point average in previous science and math classes

## **COLLEGE PREP ENVIRONMENTAL SCIENCE (365)**

**(1.0 credit)**

Environmental Science is a course designed for students seeking a second or third year laboratory science. Topics include forest systems, earth materials, map reading, earth history, atmospheric chemistry, and aquatic systems. **This course is offered only during summer sessions and fulfills the physical science graduation requirement.**

## **AP ENVIRONMENTAL SCIENCE (502)**

**(1.0 credit)**

AP Environmental Science is for students interested in applying what they have learned in biology and chemistry or physics to environmental issues. Topics in geology, ecology, and environmental chemistry are presented. Issues in ethics, morality and environmental law are woven throughout the course. Field studies are an important part of the course and environmental monitoring projects will be conducted in the fall and spring.

AP Environmental Science is a two-semester laboratory science course. Lectures and laboratory investigations are structured so that the student will be fully prepared to take the AP exam in May.

### **AP ENVIRONMENTAL SCIENCE PREREQUISITES:**

- Satisfactory completion of regular or honors Biology, and either Chemistry or Physics
- 3.5 grade point average
- Instructor approval

## SCIENCE COURSES

	<b>Grade 9</b>	<b>Grade 10</b>	<b>Grade 11</b>	<b>Grade 12</b>
<b>SCIENCE</b>		College Prep Biology	College Prep Chemistry	Human Biology
			Or	Or
		College Prep Biology (summer before grade 10)	Human Anatomy/ Physiology	Physical Science
			Or	Or
	College Prep Environmental Science (summer)	College Prep Environmental Science (summer)	Human Biology	Human Anatomy/ Physiology
			Or	Or
	Ecology of the Rainforest (summer)	Ecology of the Rainforest (summer)	College Prep Physics	College Prep Physics
			Or	Or
		Chemistry	College Prep Environmental Science (summer)	Chemistry
			Or	Or
			Ecology of the Rainforest (summer)	
<b>HONORS SCIENCE</b>	Biology Honors	Chemistry Honors	Physics Honors	AP Biology
		Or	Or	Or
		Independent Study	AP Biology	AP Chemistry
			Or	Or
			AP Environmental Science	AP Environmental Science
			Or	Or
			Independent Study	AP Physics
				Or
				Independent Study

- **THE ILLINOIS STATE BOARD OF EDUCATION REQUIRES TWO (2) YEARS OF LABORATORY SCIENCES FOR GRADUATION**

- **ADDITIONAL COURSES:**

These additional course offerings **DO NOT** fulfill the Fenwick graduation requirement for two (2) years of a laboratory science:

SURVEY OF HUMAN BIOLOGY  
HUMAN ANATOMY/PHYSIOLOGY

INDEPENDENT STUDY  
ECOLOGY OF THE RAINFOREST

## SOCIAL SCIENCE

### PREREQUISITES FOR ALL AP/HONORS SOCIAL STUDIES COURSES:

- Recommendation from a Social Studies teacher
- Approval of Department Chairperson
- Successful completion of application process
- GPA requirement:
  - Sophomores – 4.0 in Social Studies/English
  - Juniors – 3.75 in Social Studies/English
  - Seniors – 3.0 in Social Studies/English
  - In AP Economics the GPA requirement is based on overall GPA rather than Social Studies/English

### WORLD HISTORY (171)

(1.0 credit)

This **required** course confronts the student with the diverse cultural heritages of the world's many peoples and with the origins and evolution of the political, religious, economic and social issues that have shaped our institutions and those of others. Students will study the origins and major tenets of the world's religions; they will become familiar with the ancient and worldwide struggles for freedom and justice; and they will recognize the many roads that nations have taken to conquest or survival.

### COLLEGE PREP UNITED STATES HISTORY (371)

(1.0 credit)

This course is designed to teach the student about the cultural and political heritage of the United States, as well as the origins and development of its political, economic, and social institutions. Students will also study the role of Christianity and ethical thought in the United States. Students will take the U.S. Constitution test as a part of the curriculum.

### COLLEGE PREP U. S. HISTORY - AMERICAN STUDIES (371AS)

(1.0 credits)

This course offers an interdisciplinary examination of the American experience. It will provide a thematic survey of the political, social, and literary history of the United States. It will be organized around major themes by focusing on the institutions and events that have contributed to the development of our American identity. Students will read a wide variety of genres including journals, speeches, biographies, letters, essays, novels, short stories, plays, poetry, and historical documents. The primary focus of the course will be historical and literary in nature, but will also include the analysis of art, music, architecture, maps, political cartoons, advertising and film as artifacts of American culture. The course will emphasize the writing process and will incorporate research skills. Students must also enroll in College Prep English III. This course will meet for two consecutive class periods and will fulfill the course requirements for College Prep English III and College Prep U.S. History.

**UNITED STATES HISTORY HONORS (372)****(1.0 credit)**

This course is designed to teach the motivated student with a strong American history background and well developed writing skills, about the cultural and political heritage of the United States, as well as the origins and development of its political, economic, and social institutions. Students will also study the role of Christianity and ethical thought in the United States. Students will take the U.S. Constitution test as a part of the curriculum.

**AP UNITED STATES HISTORY (373)****(1.0 Credit)**

This course is designed to teach the motivated student with a strong American history background and well developed writing skills, about the cultural and political heritage of the United States, as well as the origins and development of its political, economic, and social institutions. Students will also study the role of Christianity and ethical thought in the United States. Students will take the U.S. Constitution test as a part of the curriculum.

Through analysis and evaluation, the students will raise their thinking skills to higher cognitive levels. This will enable them to be scholars who can question and seek understanding and to be the masters of their times. Students will learn cognitive and research skills required for success on the AP exam and future collegiate course work.

**COLLEGE PREP AMERICAN GOVERNMENT (471)****(1.0 credit)**

The purpose of the American Government course is to introduce the student to the workings of the American system of government. Our government is one of, by, and for the people. It is based firmly on the concept of popular sovereignty and limited government. We believe that the people themselves are and should be the only source for any and all governmental action. Our system is complex because it is composed of many separate parts, yet all these parts are interrelated, and they interact. Thus, it is not a system that can be readily and easily understood. The task requires both time and serious study.

**WESTERN CIVILIZATION (472)****(0.5 credit)**

This course will use Chicago as the dominant city of the Midwest to reflect the traditions, ideas, culture, and major themes of Western Civilization. It will explore the ecological conditions and economic origins of Chicago in the 19<sup>th</sup> and 20<sup>th</sup> centuries. Particular emphasis will be placed on the influence of western ideas and architecture as it can be found in the city and explore which historical movements have had the most influence on the city. Various primary and secondary historical sources will be used during the course.

**AP EUROPEAN HISTORY (473)****(1.0 credit)**

This course is designed to teach students about the cultural and political heritage of modern Europe, as well as the origins and development of its political, economic, and social institutions. Students will also study the role of Christianity in European history. After a brief overview of 14<sup>th</sup> Century Europe, students begin their studies with the Renaissance and end their studies with contemporary Europe. Students will learn those cognitive and research skills required for success on the AP exam and for future collegiate course work.

**COLLEGE PREP ECONOMICS (474)****(1.0 credit)**

College Prep Economics is designed for an in-depth study of our mixed market economy along with the major international systems. The course introduces the student to basic institutions, theories, and concepts used in analyzing the socioeconomic problems of the world. Ethical business practices are stressed based upon the Christian value system.

**GOVERNMENT AND SOCIETY: 1929 – PRESENT (46Y)****(0.5 credit)**

This course is designed to give the student an overview of the history of the United States from 1929 to the end of the Twentieth Century. The course will introduce the student to the major historical and political events of the Twentieth Century in which the United States was involved: the Great Depression, World War II, the Cold War, the Civil Rights Movement, Watergate, and the Reagan Revolution. The course will also include a heavy concentration on the social, religious and technological events of the Twentieth Century.

**LATIN AMERICAN HISTORY (lahi)****(0.5 credit)**

This course explores the political, social, economic and cultural roots of Latin American society. The course studies pre-Columbian native civilizations, the impact of Spanish colonization, Latin American independence movements and trends of the 19<sup>th</sup> and 20<sup>th</sup> century. A particular emphasis will be placed on Latin America's relationship with the United States and the region's prospects for the future. This course is intended for sophomores, juniors or seniors. **This course will be offered in the 2012-2013 and the 2013-2014 school year.**

**ASIAN HISTORY (ashi)****(0.5 credit)**

This course explores the political, social, economic and cultural roots of East Asian society. The course briefly examines the dynasties of Japan and China. Emphasis will be placed on East Asia since initial contacts with Europeans and the effects of imperialism on the region. Finally, students will examine East Asia since WWII and will explore the region's prospects for the future. This course is intended for sophomores, juniors or seniors. **This course will be offered in the 2012 – 2013 and the 2013 -2014 school year.**

**AFRICAN STUDIES (afst)****(0.5 credit)**

This course explores the political, social, economic and cultural roots of African society. The course studies Africa's struggle from political independence to its economic and social struggle through the Cold War into the 21<sup>st</sup> century. A particular emphasis will be placed on the African struggle since independence and the region's prospects for the future. **This course will be offered in the 2014-2015 and 2015 -2016 school year.**

**MIDDLE EASTERN HISTORY (mehi)****(0.5 credit)**

This course explores the political, social, economic and cultural roots of Middle Eastern society. The course studies the Muslim religion and its political, social and economic influence upon their culture and society into the 21<sup>st</sup> century. Particular emphasis will be placed on the Middle East and their relationship with the West since World War I and into the 21<sup>st</sup> century. **This course will be offered in the 2014 -2015 and the 2015 – 2016 school year.**

**ECONOMIC GEOGRAPHY – BELIZE (478)****(0.5 credits)**

This course offers an extensive study of the Mayan culture, as well as workshops with the indigenous people of the area (Garifuna). Information gathered from Guatemala, along with the people of Hopkins, who live in a small fishing village, will be used to create a project on the social development of a third world country. Classes are held one night a week for six weeks beginning approximately twelve weeks before the seven day workshop. Students will do presentations at the local grammar schools upon return. Numbers are limited and selection is determined by the instructors and Assistant Principal. Course is offered during the odd years only.

**AP ECONOMICS (576)****(1.0 credit)**

The AP exam is divided into two sections, Micro and Macro. AP Macro Economics will be taught in the first semester. The focus of this section is on the performance of the economy as a whole. Course topics include inflation, unemployment, economic growth, and tools for the regulation of economic performance.

AP Micro Economics will be taught in the second semester. The focus is on the behavior of individual firms and industries. Course topics include price determination, different market structures and wage determination. At the end of the course the student will be prepared to take both the AP Micro Economics and the AP Macro Economics exams.

**AP WORLD HISTORY (573)****(1.0 credit)**

This course involves the study of multiple themes in world history. These themes include continuity and change, geography and history, political and social systems, religions and value systems, economics and technology, diversity, global interaction, art, literature, and the impact of the individual. Instruction will concentrate on the higher levels of Bloom's Cognitive Taxonomy. Superior writing skills are important. Students will be prepared to sit for the Advanced Placement exam in May.

**AP UNITED STATES GOVERNMENT (574)****(1.0 credit)**

This senior course involves the study of the constitutional structure of the American government, the political beliefs and behaviors of its citizenry, the institutions of national government, public policy formulation, civil rights, civil liberties, political parties, interest groups, and the mass media. Instruction will concentrate on the higher-level skills of Bloom's Cognitive Taxonomy. Superior writing skills are important. Students will be prepared to sit for the Advanced Placement exam in May. Successful completion of either Government and Society or American Government is recommended, but not required.

**AMERICAN FOREIGN POLICY AND THE MODERN WORLD (477)****(1.0 credit)**

This course is designed to teach students about the political, social and cultural traditions of our modern world. Students will consider regional nationalist movements in the Pre and Post-World War II era in Europe, East Asia, India, Middle East, Africa, and Latin America. The course will focus on the influence or involvement of the United States in these foreign movements. This course is a senior elective.

**AMERICAN FOREIGN POLICY AND THE MODERN WORLD PREREQUISITE:**

- Successful completion of United States History