

# Father McGivney Catholic High School

## Student Course Catalog



# 2017-2018

**Father McGivney Catholic High School  
7190 Bouse Road  
Glen Carbon, IL 62034  
(618) 855-9010**

**STUDENT COURSE CATALOG  
2017-2018**

**Father Jeff Goeckner  
President**

**Joe Lombardi  
Principal**

<b>Emily Joellenbeck</b>	<b>Bobbie Madura</b>	<b>Amanda Pirih</b>	<b>Jeff Oller</b>	<b>Tim Vance</b>
<b>Development Director</b>	<b>Student Services Director</b>	<b>Faith Formation Director</b>	<b>Athletic Director</b>	<b>Activities Director</b>

Dear Students and Parents:

We believe in a high school that meets the needs of all students, providing a curriculum that reflects the interests and talents of our young adults. To accomplish this, we provide a rich curriculum that prepares our students for the future, whether that future includes a college education, a trade, or a vocation.

Students should plan their high school curriculum with the help of their parents, counselors, and teachers. We hope that this course catalog can assist in the planning process. In this guide each course is listed with the grade level, prerequisites, credit values, and a course description. In addition, this catalog provides valuable information about graduation requirements, scheduling, and other areas of interest. Please read this guide carefully. High school is a very important building block in a student's future; if there is a need for any assistance, please do not hesitate to call us.

Sincerely,

Joseph Lombardi  
Principal  
Father McGivney Catholic High School

# ABBREVIATED DIRECTORY

Administration, faculty and staff may be reached by dialing (618) 855-9010 or via email.

## **ADMINISTRATION**

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## MISSION STATEMENT

Father McGivney Catholic High School has as its mission to:

- Form a strong academic community of disciples responding to the call of Jesus Christ....Unity
- Prepare students to serve the Culture of Life through a total gift of self....Charity
- Engage students in the mission, sacramental life, and magisterial teachings of the Catholic Church....Fraternity
- Develop faithful citizens to lead an America that values the dignity and worth of every human person....Patriotism

## DEFINITION OF TERMS

Credit is awarded by semester. In the academic areas, a student receives one-half Credit for satisfactory completion of work covering one semester in a course. Courses at FMCHS carry one-fourth, one-half, or 1 unit of Credit. A student enrolled in a year-long course who fails either semester will receive one-half Credit for the semester he successfully completes. In order to receive a full credit in the course he failed, he must repeat only the semester failed.

**PREREQUISITES**-Courses which must be completed before certain other courses may be taken (or conditions which must be met in order to qualify for enrollment in a course).

**ELECTIVE COURSES**-Courses which must be chosen to satisfy individual interests, aptitudes, and future plans.

**REQUIRED COURSES**-Courses which must be completed and passed in order to meet the requirements for graduation from FMCHS.

**ACADEMIC CREDIT**-Students receive academic credit for the satisfactory completion

of work in all subject areas. Grades received in academic courses are used in computing grade-point averages and class rank.

## RECOMMENDED FOR COLLEGE & TECHNICAL SCHOOL ENTRANCE

The selection of a high school course of study is very important. A student cannot wait until his/her senior year to make important decisions and assume that these decisions will guarantee him/her acceptance by the college of his/her choice. Certain prestigious colleges are very selective and have definite requirements which must be met in high school to enable the student to qualify for admission. Admission requirements also include achieving a minimum score on college entrance exams (ex.: ACT, SAT).

The law now requires that admission to any of the public universities in the State of Illinois be based on the successful completion of **at least** 15 Credits of high school course work to be distributed as follows:

- Four years of English (emphasizing written and oral communication and literature).
- Three years of Social Studies (emphasizing history and government).
- Three years of Mathematics (Algebra I and Algebra II, Geometry, or Trigonometry). Some colleges require 4 Credits of math. All Missouri schools require 4 Credits.
- Three years of Science (laboratory sciences).
- Two years of electives chosen from the fields of Fine Arts, Career/Technical Education or Foreign Language (which if available at the high school, can include up to one year of American Sign Language per PA 86-0623).

## SCHEDULE CHANGES

The law permits but does not require colleges to redistribute up to three of the 15 Credits among the subject areas. No more than 1 Credit each (for a total of 3) from the categories of Social Studies, Mathematics, Science, and electives may be redistributed to any of the five categories of course work.

Included in this booklet are suggested courses of study for the Father McGivney student. These suggestions are intended to give a minimal guideline for a good comprehensive education aimed toward college admission and successful completion of high school. Hopefully this guide will assist you in careful high school planning.

### **Freshmen Coursework**

English, Math, Science, U.S. History, P.E., Spanish, Theology

### **Sophomore Coursework**

English, Math, Science, World History, P.E./Health, Spanish, Theology

### **Junior Coursework**

English, Math, Science, U.S. Government, P.E., Theology, and other classes to be determined.

### **Senior Coursework**

English, Math, Science, Consumer Education, P.E., Theology, and other classes to be determined.

Electives may be chosen from the following areas: additional English, Math, Science, or Social Studies as well as Art, Foreign Language, or Music. One Credit of a Fine Art is required for graduation from FMCHS.

## STUDENT DAILY COURSE SCHEDULE

The scheduling process is very complex. For this reason, we ask that you give careful thought to your course selection and scheduling. A student's schedule consists of eight class periods, including House, P.E., and a thirty minute lunch.

Students may drop a non-required subject or make changes to their schedules without penalty up to 2 weeks into the semester with written permission from their parent and administrative approval. After 2 weeks, they may also withdraw from non-required courses with parental permission.

Request for changes may be made for the following reasons:

- Student has taken the course before and received credit.
- Student has not completed the Prerequisite course.
- Change is necessary to balance class size.

Schedule changes will not be made for the following reasons:

- **Student changed mind.**
- **Student preference of teacher.**
- **Student does not want to do work in class.**

## MINIMUM GRADUATION REQUIREMENTS

To graduate from Father McGivney Catholic High School, students must earn a minimum of 26 units of credit. Twenty-four of these credits must be earned in academic areas. A minimum of two semesters of Fine Arts, one semester of Health Education, and seven semesters of Physical Education are required.

Deficiencies in physical education credit due to medical waivers and/or transfers from other schools will not be required to be made up.

Eight semesters of study are recommended for completion of graduation requirements at FMCHS; however, a student who will have completed all graduation requirements credits by the end of seven semesters may request early graduation. Application must be made prior to the start of the student's senior year and must be approved by the principal. The student must remain in school until the end of the semester.

# CLASSIFICATION OF STUDENTS

**The following Credits are required to graduate from FMCHS in 2017, 2018, 2019 and 2020\*\*:**

English (All Writing Intensive)***	4 Credits
Mathematics (Taken at the H.S.level)***	4 Credits
Theology	4 Credits
Science	4 Credits
Social Studies*	2.5 Credits
<small>(to include ISBE required Government/Civics and Constitution Class)</small>	
Health (10th grade)	0.5
Credit	
Physical Education (7 semesters)	3.5 Credits
Consumer Education (ISBE required)	0.5
Credit	
Foreign Language	2 Credits
Fine Arts	1 Credit
Academic Electives, Career/Technical Electives, Education Electives	

Coursework required for the College Preparatory Diploma include: 28 Credit Hours with 26 of those being the above mentioned requirements, successful completion of two Dual Credit or AP courses, and successful completion of Spanish III.

\*A student must pass a test on the Illinois State as well as the federal Constitutions to graduate.

\*\*An ACT or SAT score is required to graduate from FMCHS.

\*\*\*Per State regulations, all students are required to complete 2 Credits of writing intensive classes, Algebra I and Geometry for graduation.

**Minimum credit units required for Graduation must reflect completion of the above named required courses.**

**Credit minimum for grade level classification.**

Grade 9	0 Credits
Grade 10	7 Credits
Grade 11	14 Credits
Grade 12	20 Credits

It is recommended that students should earn a minimum of 7 Credits per year to meet graduation requirements. In addition to the credit requirements, students must also complete the required number of service hours to advance to the next grade level. Service Hour guidelines can be found in the Student/Parent Handbook.

Reclassification of students by class will only take place at the end of each school year.

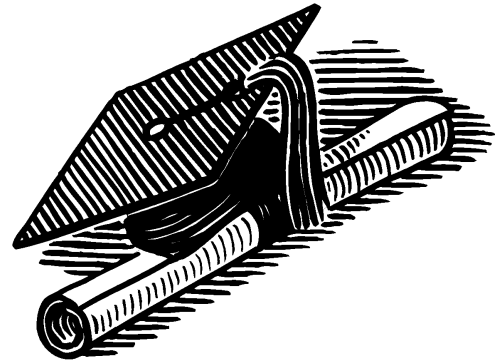
## TRANSFER STUDENTS

Transcripts of credit earned in high schools accredited by the AdvancED or similar accrediting agencies are accepted at FMCHS provided that no study taken elsewhere shall be given more credit than the equivalent study at FMCHS.



## STUDENT HONORS

Graduates with high academic achievement will be honored at graduation with the designation of either Summa cum Laude (UGPA 3.9 – 4.0), Magna cum Laude (UGPA 3.7 – 3.899), or Cum Laude (UGPA 3.5 – 3.699). These students will also be presented with an academic medal to be worn at graduation ceremonies.



## DUAL CREDIT

Students have the opportunity to earn Dual Credit in some course selections through Southwestern Illinois College. Dual credit allows juniors or seniors who qualify, the opportunity to complete FMCHS classes and also earn college credit at the same time at no additional tuition cost. FMCHS faculty members teaching these classes have been approved by the cooperating university/college and vetted as instructors with the curriculum designed as a first-year college level course.

SWIC will approve Dual Credit classes at Father McGivney Catholic High School. Any new classes will be added to this guide upon approval.

Students must meet the following criteria to enroll in dual credit courses:

- Junior or Senior
- 16 years of age by the completion date of the course (required by SWIC)
- Cumulative high school GPA of 3.0 or higher
- Teacher approval
- Passing score on necessary placement exam from SWIC.

Dual credit information is available from the Student Services Office, with curriculum information available from the Dual Credit instructors.

## EXTRACURRICULAR ACTIVITIES

### FALL

Soccer	(male)
Cross-Country	(co-ed)
Volleyball	(female)
Golf	(co-ed)

### WINTER

Basketball	(male)
Basketball	(female)
Bowling	(co-ed)
Cheerleading	(co-ed)
Dance Team	(co-ed)
Swimming	(co-ed)

### SPRING

Soccer	(female)
Baseball	(male)
Bass Fishing	(co-ed)

Other activities in addition to sports which the student might be interested in that will not conflict with the daily class schedule but may involve some time after school are:



Catholic Athletes for Christ (CAC)  
Drama Productions  
Ethics Bowl  
Griffin Ambassadors  
House Leader  
Math Squad  
Model U.N.  
National Honor Society (NHS)  
Prom Committee (Juniors Only)  
Robotics  
Saturday Scholars  
Scholar Bowl  
Science Olympiad  
Spanish Club  
Super Smash Brothers Club  
Yearbook Staff

In the event that a student desires to participate in activities that conflict in time, the student must choose one activity he/she desires and discontinue his/her participation in the other.

Extracurricular activities are an extension of and adjunct to formal classroom education. Participation in extracurricular activities is a privilege and not a right. Furthermore, participation is optional and voluntary and requires the acceptance of additional conditions which do not necessarily apply to all students. One of these conditions and additional responsibilities is the maintenance of the highest degree of citizenship.

Participants in extracurricular activities are public representatives of their school, school district and community. Accordingly, the administration of Father McGivney Catholic High School, with the consent and approval of the Board of Directors, has published a list of rules which shall apply to all high school students enrolled and engaged in any Illinois High School Association activities.

Any student and parent who choose to participate in extracurricular activities are asked to study this policy closely and to agree in writing to conform. Participating students and parents must accept the fact that extracurricular activities are controlled by the school. Since participation is voluntary, any student who cannot meet the policies as set forth shall refrain from participation. A signature by the participant and his or her parents indicates they are prepared to meet and accept these provisions.

## **REGISTRATION**

The student should study the course offerings, consider his/her plans for the future, and be prepared to indicate to the counselor the courses he/she would like to take for the first and second semesters.

The counselor will schedule a time when she will talk to the student and parent(s) to discuss course selections to be made.

A tally is made of courses requested by the students. In the event that an insufficient number of students have requested a course, that course will not be offered, and the student will be asked to make an alternate selection from the offered courses.

Electives should be selected on the basis of future plans. Our curriculum has been developed to provide a variety of courses from which to choose. Discuss career plans with parents, teachers, and the school counselor to determine recommended courses for your post-secondary plans.

# **COURSE SELECTIONS FOR FRESHMEN**

## **Art**

Art Fundamentals I (offered as a 0 hour class)

## **English**

College Preparatory English I

Honors College Preparatory English I

## **Foreign Language**

College Preparatory Spanish I

Honors College Preparatory Spanish I

## **Math**

College Preparatory Algebra I

Honors College Preparatory Algebra I

College Preparatory Geometry

Honors College Preparatory Geometry

## **Music**

Band (offered as a 9<sup>th</sup> hour class)

Choir (offered as a 9<sup>th</sup> hour class)

## **Physical Education**

Physical Education

## **Social Studies**

College Preparatory Modern U.S. History

Honors College Preparatory Modern U.S. History

## **Science**

College Preparatory Biology

Honors College Preparatory Biology

## **Theology**

College Preparatory Theology I

## **COURSE SELECTIONS FOR SOPHOMORES**

### **Art**

Art Fundamentals I (offered as a 0 hour class)

### **English**

College Preparatory English II

Honors College Preparatory English II

### **Foreign Language**

College Preparatory Spanish II

Honors College Preparatory Spanish II

### **Math**

College Preparatory Algebra I

Honors College Preparatory Algebra I

College Preparatory Geometry

Honors College Preparatory Geometry

College Preparatory Algebra II

Honors College Preparatory Algebra II

### **Music**

Band (offered as a 9<sup>th</sup> hour class)

Choir (offered as a 9<sup>th</sup> hour class)

### **Physical Ed/Health**

Health

Physical Education

### **Social Studies**

College Preparatory World History

Honors College Preparatory World History

### **Science**

College Preparatory Chemistry

Honors College Preparatory Chemistry

### **Theology**

College Preparatory Theology II

# **COURSE SELECTIONS FOR JUNIORS**

## **Art**

Art Fundamentals I  
Intermediate Art

## **English**

College Preparatory American Literature (English III)  
AP English Language/Composition  
Creative Fiction Writing (1 semester elective)  
Speech and Communications (1 semester elective)  
Creative Non-Fiction/Journalism Writing (1 semester elective)

## **Foreign Language**

Dual Credit Spanish III  
Dual Credit Spanish IV

## **Math**

College Preparatory Geometry  
Honors College Preparatory Geometry  
College Preparatory Algebra II  
Honors College Preparatory Algebra II  
College Preparatory Pre-Calculus  
Honors College Preparatory Pre-Calculus

## **Music**

Band (offered as a 9<sup>th</sup> hour class)  
Choir (offered as a 9<sup>th</sup> hour class)

## **Physical Ed/Health**

Health  
Physical Education

## **Social Studies**

Consumer Education (1 semester requirement)  
Contemporary World Issues (1 semester elective)  
Government/Civics (1 semester requirement)  
Dual Credit Psychology (1 year elective)

## **Science**

AP Biology  
AP Chemistry  
Dual Credit Biology  
College Preparatory Physical with Earth Science  
College Preparatory Marine Science  
College Preparatory Physics  
Honors College Preparatory Physics

## **Theology**

College Preparatory Theology III  
Honors College Preparatory Theology III

## **COURSE SELECTIONS FOR SENIORS**

### **Art**

Art Fundamentals I  
Intermediate Art

### **English**

College Preparatory British and World Literature  
(English IV)  
AP English Literature/Composition  
Creative Fiction Writing (1 semester elective)  
Speech and Communications (1 semester elective)  
Creative Non-Fiction/Journalism Writing (1 semester  
elective)

### **Foreign Language**

Honors/Dual Credit Spanish III  
Honors/Dual Credit Spanish IV

### **Math**

College Preparatory Algebra II  
Honors College Preparatory Algebra II  
College Preparatory Pre-Calculus  
Honors College Preparatory Pre-Calculus  
Honors College Preparatory Calculus  
College Preparatory Statistical Probability  
Honors/Dual Credit General Statistics

### **Music**

Band (offered as a 9<sup>th</sup> hour class)  
Choir (offered as a 9<sup>th</sup> hour class)

### **Physical Ed/Health**

Health  
Physical Education

### **Social Studies**

Consumer Education (1 semester requirement)  
Contemporary World Issues (1 semester elective)  
Government/Civics (1 semester requirement)  
Dual Credit Psychology (1 year elective)

### **Science**

AP Biology  
AP Chemistry  
Dual Credit Biology  
College Preparatory Physical with Earth Science  
College Preparatory Marine Science  
College Preparatory Physics  
Honors College Preparatory Physics

### **Theology**

College Preparatory Theology IV  
Honors College Preparatory Theology IV

# COURSE DESCRIPTIONS:

All courses are available to male and female students. Courses are listed by department. Departments are listed in alphabetical order.

## ART

### ART FUNDAMENTALS I

**05154A000**

**1 Credit (1 year)**

**Open to all levels**

**Prerequisite: None**

This studio course is open to freshman through seniors. Students will discover art history and art aesthetics through hands on creations in both two- and three-dimensional design. Projects will focus on achieving a proficient use of line, color and form. Students will share in the artistic process through creation, critique and exhibition. As students advance and become more adept, the instruction regarding the creative process becomes more refined, and students are encouraged to develop their own artistic styles. Although Art Fundamentals courses focus on creation, they may also include the study of major artists, art movements, and styles.

### INTERMEDIATE ART

**05155A000**

**1 Credit (1 year)**

**Open to all levels**

**Prerequisite: Art Fundamentals I**

This studio course is open to sophomores through seniors who have completed Art Fundamentals I. Students will continue to discover art history and art aesthetics through hands on creations in both two- and three-dimensional design. Projects will focus on achieving an advanced proficiency with line, color and form. Students will share in the artistic process through creation, critique and exhibition. As students advance and become

more adept, the instruction regarding the creative process becomes more refined, and students are encouraged to develop their own artistic styles. This course may also include the study of major artists, art movements, and styles.

# ENGLISH

**Freshman-** Students will take English I. Students who can qualify for the program will be placed in Honors English I.

**Sophomore-** Students will be guided to take English II or Honors English II.

**Junior-** Students will be guided to take AP English or College Preparatory American Literature (English III).

**Senior-** Students will be guided to take AP English or College Preparatory British and World Literature (English IV).

**CRITERIA**—The following criteria will be followed in all phases of the English curriculum:

1. With the exception of purely objective tests, all submitted work will be typed and submitted to the instructor.
2. Students will be expected to follow The Modern Language Association Handbook for Writers.
3. Students will be expected to demonstrate appropriate skills in reading, literature, composition, speaking and listening, and research.
4. Students will be expected to write various compositions and essay examinations.
5. The English Department believes that high school is a preparation for future careers. Students will be required to complete novel projects, speeches, research papers, and essays on-time. Long-term projects will be expected to be turned in on the assigned date. Projects and papers must be turned in prior to the date if an absence is prearranged. A medical emergency with a doctor's excuse or a death in the family will be the only exception to this policy. Students will be required to contact teachers to make arrangements for projects and papers to be delivered to the teacher.
6. The English Department deems plagiarism illegal, immoral, and unethical. Any amount of plagiarism will result in failure of the

project/paper and discipline procedures as indicated in the Student Handbook. In some cases, School Administration will be consulted in instances of plagiarism.

8. Teachers will work closely with School Counselors to help students select classes which will meet students' needs.
9. Teachers will provide ACT Prep in junior-level classes.

## COLLEGE PREPARATORY ENGLISH I

**01001A000**

**1 Credit (1 year)**

**Open to freshmen**

**Prerequisite: None**

This course is designed to improve understanding of literary terms and concepts, to improve understanding of specific literary works and their various styles and characteristics, to develop critical thinking skills, and to improve writing skills. Course work includes basic grammar, composition, and study of various literary genres including short stories, drama, novels, poetry, and some film study. Basic composition will be improved through review of sentence construction, short essays, creative writing, and vocabulary development. Students will be introduced to basic research. A variety of approaches will be used including class discussions, group discussions, mini-lectures, and independent projects.

## HONORS COLLEGE PREPARATORY ENGLISH I

**01001A000**

**1 Credit (1 year)**

**Open to freshmen**

**Prerequisite: 8<sup>th</sup> Grade English/Reading course grade of 'A,' standardized test scores in the 75<sup>th</sup> percentile for English/Reading, teacher recommendation**

Students participate in the analysis of all literary genre, critical thinking activities, grammar analysis, vocabulary study, speaking and listening activities, formal presentations, as well as argumentative, expository, narrative, descriptive, persuasive, technical, and research writing. This highly intensive writing course

features essays, timed writings, and long-term papers. A satisfactorily completed research paper and/or novel project will be required each semester. There will be 4-6 writing assignments per semester, including a research project in the spring semester.

## **COLLEGE PREPARATORY ENGLISH II**

**01002A00**

**1 Credit (1 year)**

**Open to sophomores**

**Prerequisite: Successful completion of English I**

This course is designed to help sophomores improve their reading, writing, listening, and test-taking and organizational skills. Student placement in this course is determined by past English grades, standardized test scores, and teacher recommendation. This course focuses on comprehension strategies, word study, grammar, mechanics, and usage. This course relies on novels, short stories, and film to increase critical thinking skills and literary analysis. During the first semester, sophomores will work on paragraph development. The students will write expository and persuasive essays by the end of the second semester.

## **HONORS COLLEGE PREPARATORY ENGLISH II**

**01002A00**

**1 Credit (1 year)**

**Open to sophomores**

**Prerequisite: Final grade of 'B' or greater in Honors English I or teacher recommendation and completion of required summer curriculum.**

Students participate in the analysis of all literary genre, critical thinking activities, grammar analysis, vocabulary study, speaking and listening activities, formal presentations, as well as argumentative, expository, narrative, descriptive, persuasive, technical, and research writing. This highly intensive writing course features essays, timed writings, and long-term papers. This course relies on novels, short stories, and film to increase critical thinking

skills and literary analysis. There will be 4-6 writing assignments per semester, including a research project in the fall semester.

## **COLLEGE PREPARATORY American Literature (English III)**

**01003A000**

**1 Credit (1 year)**

**Open to juniors**

**Prerequisite: English II**

This course is devoted to a study of American literature from the colonial period to the late twentieth century. Throughout the year, students have opportunities to make connections with history, art, fiction, non-fiction, and other subjects. Essays range from the analytical to the creative. Students build on their writing skills from previous years, integrating multiple sources and perspectives into their work, reading literary criticism, and writing longer and more complex essays.

## **COLLEGE PREPARATORY British Literature (English IV)**

**01056A000**

**1 Credit (1 year)**

**Open to seniors**

**Prerequisite: English III**

This course is devoted to a study of British literature from the Medieval period to Modern and a sampling of World Literature. The course aims to integrate a study of history which provides context for an appreciation and understanding of the literature. Throughout the year, students have opportunities to make connections with history, art, fiction, non-fiction, and other subjects, with an emphasis on a variety of prose and poetic genres. Essays range from the analytical to the creative. Students build on their writing skills from previous years, integrating multiple sources and perspectives into their work, reading literary criticism, and writing longer and more complex essays.



## **Advanced Placement (AP) English**

FMCHS offers two AP English courses for juniors and seniors. Placement in these courses is contingent upon the student's English grades thus far as well as teacher recommendations. Any student who does not complete the required AP Summer Work on time will be dropped from the course before the start of the year.

### **AP ENGLISH LANGUAGE & COMPOSITION**

**01005A000**

**1 Credit (1 year)**

**Open to juniors**

*(transfers enrolled on a case by case basis)*

**Prerequisite: Final grade of 'B' or greater in Honors English II as well as teacher recommendation and completion of required summer curriculum.**

The Advanced Placement English Language and Composition course challenges students to become skilled readers of prose with a special emphasis on the rhetorical techniques used by authors. Students will also become skilled writers, focusing their writing on meeting the needs of a variety of audiences and purposes. Through careful reading and the fine tuning of writing skills, students will become aware of how the writer's purpose and attention to the audience's needs and expectations combine to create effective writing. Upon completion of this course, students will be required to take the Advanced Placement test in English Language and Composition in May. This course is organized according to the requirements and guidelines of the current AP English course description.

### **AP ENGLISH LITERATURE & COMPOSITION**

**01006A000**

**1 Credit (1 year)**

**Open to seniors**

*(transfers enrolled on a case by case basis)*

**Prerequisite: Final grade of 'B' or greater in English Language and Composition OR English III, the recommendation of the English Department, and completion of required**

**summer curriculum.**

Following the College Board's suggested curriculum designed to parallel college-level English courses, AP English Literature and Composition is a year-long course designed for talented English students who will be taking the Advanced Placement tests. The AP English Literature and Composition course challenges students to become skilled readers of prose and poetry and writers for a variety of purposes and audiences. This is achieved through in depth study of the tools and techniques that an author uses to convey purpose and audience expectations. As they read, students consider how an author portrays a specific message on a large and small scale. Through class discussions and Dialectical Journaling, students will closely examine overarching elements such as characters, setting, structure, style, themes, as well as nuanced techniques such as figurative language, imagery, symbolism, mood, and tone. Upon completion of this course, students will be required to take the Advanced Placement test in English Literature and Composition in May.

### **CREATIVE WRITING**

**01104A000**

**0.5 Credit (1 semester)**

**Open to juniors and seniors who have demonstrated the ability to maintain a 'C' or above average in English.**

Creative Writing is a one semester course which offers students the opportunity to develop and improve their technique and individual style in poetry, short story, drama, essays, and other forms of prose. The emphasis of the course is on writing; however, students may study exemplary representations and authors to obtain a fuller appreciation of the form and craft.

### **SPEECH AND COMMUNICATIONS**

**01155A000**

**0.5 Credit (1 semester)**

**Open to juniors and seniors who have demonstrated the ability to maintain a 'C' or above average in English.**

Speech and Communications courses focus on the application communication skills through a

variety of formal and informal experiences. These courses are performance-based and emphasize effective interpersonal and team building skills as well as the study of how interpersonal communications are affected by stereotypes, nonverbal cues, vocabulary, and stylistic choices.

Speech in particular focuses on the study and practice of basic principles and techniques of effective oral communication for informational, persuasive, and entertainment purposes. This course includes instruction in adapting speech to different audiences and purposes, various methods for researching and preparing oral presentation, and introduction to dramatic interpretation. Students will be expected to deliver focused, coherent speeches and performances that convey a clear message, and utilize effective gestures, tone, and vocabulary appropriate to the audience and purpose.

## **CREATIVE NON-FICTION/JOURNALISM WRITING**

**01105A000**

**0.5 Credit (1 semester)**

***Open to juniors and seniors who have demonstrated the ability to maintain a 'B' average in English.***

Journalism and Creative Non-fiction Writing is a one semester course which offers students the opportunity to develop and improve their technique and individual style in accurate storytelling through essays and journalistic techniques as well as the genre of the memoir. The emphasis of the course is on writing; however, students may study exemplary representations and authors to obtain a fuller appreciation of the form and craft. This class emphasizes research (primary and secondary sources), organization (material, thoughts, and arguments), and writing in a persuasive or technical style. However, there is greater focus on presenting the information in a way that is informative, truthful, as well as entertaining.

# **FOREIGN LANGUAGE**

## **COLLEGE PREPARATORY SPANISH I**

**06101A000**

**1 Credit (1 year)**

***Open to freshmen, sophomores, juniors, and seniors***

***Prerequisite: None***

This is a beginning course that explores the Spanish language through the use of text, technology, discussion, and digital media to teach rudimentary pronunciation, basic grammar, and high-frequency vocabulary. Students will begin to speak, comprehend, read, and write Spanish through engaging activities that introduce students to various aspects of the many cultures of the Spanish-speaking world. Comparisons with our own culture will be made to appreciate the similarities and differences across cultures in how people think, feel, and act.

## **HONORS COLLEGE PREPARATORY SPANISH I**

**06101A000**

**1 Credit (1 year)**

***Open to freshmen, sophomores, juniors, and seniors***

***Prerequisite: None***

This is a challenging course that introduces the Spanish language at an accelerated pace through the use of text, technology, discussion, and digital media to teach the pronunciation, grammar, and vocabulary students need to successfully converse in basic conversational situations. Students will also begin reading and writing in Spanish to explore the various cultures of the Spanish-speaking world and to think critically about cross-cultural similarities and differences.

## **COLLEGE PREPARATORY SPANISH II**

**06102A000**

**1 Credit (1 year)**

***Open to freshman, sophomores, juniors, and seniors***

***Prerequisite: Achievement of a minimum 'C'***

**average in Spanish I or written authorization from the instructor. The instructor may choose to impose further conditions before granting permission.**

After a concentrated review of the essential grammar and vocabulary from Spanish I, this course continues to explore the Spanish language through the use of text, technology, discussion, and digital media to teach more advanced grammar, extensive vocabulary, and improvised conversational skills. Students will hone their reading and writing skills as they continue to learn more about Spanish-speaking cultures around the world.

## **HONORS COLLEGE PREPARATORY SPANISH II**

**06102A000**

**1 Credit (1 year)**

**Open to freshmen, sophomores, juniors, and seniors**

**Prerequisite: Achievement of a minimum 'B' average in Honors Spanish I or teacher recommendation. The instructor may choose to impose further conditions before granting permission.**

After a concentrated review of the essential grammar and vocabulary from Spanish I, this course continues to develop Spanish language skills at an accelerated pace through the use of text, technology, discussion, and digital media to teach more advanced grammar, extensive vocabulary, and improvised conversational skills. Students will develop their reading and writing abilities on longer and more complex passages of Spanish as they engage in a more thorough examination of the interplay between language and culture in Spanish-speaking countries around the world.

## **DUAL CREDIT SPANISH III**

**Dual Credit through SWIC**

**06103A000**

**1 Credit (1 year)**

**Open to sophomores, juniors, and seniors**

**Prerequisite: Achievement of minimum 'C' average in Spanish II or written authorization from the instructor and SWIC COMPASS placement at least ENG 92 determine placement in this class. The instructor may**

**choose to impose further conditions before granting permission.**

This is a course designed for the continuation of the skills gained in the first two levels of Spanish. It includes an intensive study of the culture, history and geography of Spain, South America and Central America. This class emphasizes the more advanced elements of grammar and the acquisition of higher level reading and oral skills. Instruction is given primarily in Spanish.

## **DUAL CREDIT SPANISH IV**

**Dual Credit through SWIC**

**06104A000**

**1 Credit (1 year)**

**Open to juniors and seniors**

**Prerequisite: Achievement of minimum 'C' average in Spanish III or written authorization from the instructor and SWIC COMPASS placement at least ENG 92 determine placement in this class. The instructor may choose to impose further conditions before granting permission.**

This is an intermediate Spanish honors course is designed to provide students with an engaging learning experiences as they strengthen their language skills and develop their cultural competency while using an interactive, communicative approach. Students will develop conversational knowledge of verbal and written Spanish of Hispanic cultures through the use of authentic experiences, connections with native or heritage Spanish speakers, intermediate grammar and syntax, Hispanic literature, and immersion. Students will do research and presentations on various cultural issues in the Spanish-speaking Americas and Spain, and thereby develop cultural fluency. This course is aligned to help students turn the skills and knowledge acquired in the classroom into functional experience that can be used to excel by communicating effectively in the Spanish-speaking world.

## **HISTORY/SOCIAL STUDIES**

### **MODERN COLLEGE PREPARATORY U.S. HISTORY**

**04103A000**

**1 Credit (1 year)**

***Open to freshmen or sophomores***

***Prerequisite: None***

Modern American History is a course based around the idea of students developing knowledge about modern American history (pre-WWI to present) and developing into well-rounded and worldly citizens with the skills capable of succeeding in the modern world. Students shall be responsible for analyzing key facets of society, politics, economics, geography, culture, and history over the course of the class.

### **HONORS COLLEGE PREPARATORY MODERN U.S. HISTORY**

**04103A000**

**1 Credit (1 year)**

***Open to freshmen and sophomores***

***Prerequisite: 8<sup>th</sup> grade English/Reading and Social Studies course grade of 'B,' standardized test scores in the 75<sup>th</sup> percentile for English/Reading, and Social Studies.***

This course is based around the idea of students developing knowledge about modern American history (pre-WWI to present) and developing into well-rounded and worldly citizens with the skills capable of succeeding in the modern world. Students shall be responsible for analyzing key facets of society, politics, economics, geography, culture, and history over the course of this class. This class is writing intensive. Along with timed in-class writings, students will be asked to write several papers per semester. Students will be taught to make clear, concise historical arguments backed up by well-researched and properly cited facts. Tests are primarily multiple choice and essay based.

### **COLLEGE PREPARATORY WORLD HISTORY**

**04053A000**

**1 Credit (1 Year)**

***Open to sophomores***

***Prerequisite: Successful completion of Modern American History.***

Modern World History explores the year 1500, beginning with the Renaissance, to issues surrounding the Cold War world. The course looks at how nation states developed in Europe and their influence on the rest of the world. The class also explores how world wars affected and changed the world today. The class will explore how to read and interpret primary documents and use primary documents to make historical interpretations and logical inferences. Additionally, the class will require several papers, as well as internet and other class projects.

### **HONORS COLLEGE PREPARATORY WORLD HISTORY**

**04053A000**

**1 Credit (1 Year)**

***Open to sophomores***

***Prerequisite: Successful completion of Honors Modern American History with the grade of 'B' or teacher recommendation.***

Modern World History explores the year 1500, beginning with the Renaissance, to issues surrounding the Cold War world. The course looks at how nation states developed in Europe and their influence on the rest of the world. The class also explores how world wars affected and changed the world today. The class will explore how to read and interpret primary documents and use primary documents to make historical interpretations and logical inferences. Additionally, the class will require several papers, as well as internet and other class projects. This course expands on the Modern World History Course in that along with timed in-class writings, students will be asked to write several papers per semester. Students will be taught to make clear, concise historical arguments backed up by well-researched and properly cited facts. Tests are primarily essay and short-answer based.

## **US/IL GOVERNMENT/CIVICS**

**04151A000**

**0.5 Credit (1 Semester)**

**Open to juniors and seniors**

This course will provide students with knowledge of Illinois and United States Government that will enable them to participate effectively in civic life in America. Students will examine fundamental constitutional principles; the organization of government at the federal, state, and local level; the rights and responsibilities of citizenship; the policy-making process; political parties and elections; comparative government and foreign policy; and the American economic system. Students will be required to pass tests on both the U.S. and Illinois Constitutions to satisfy the ISBE graduation requirement.

## **DUAL CREDIT PSYCHOLOGY**

**Dual Credit through SWIC**

**04256A000**

**1 Credit (1 Year)**

**Open to juniors and seniors**

**Prerequisite: Reading and writing placements through SWIC Compass testing at the ENG 101 level determine placement in this class.**

The study of human behavior with special emphasis on neuropsychology, learning, memory, development, psychological disorders and individual differences in personality; emphasis on the scientific nature of psychological investigations; and discussion of research methods and the relations of their results to daily life and everyday problems.

## **CONSUMER EDUCATION**

**12001A001**

**0.5 Credit (1 Semester)**

**Open to juniors and seniors**

**(Required by ISBE for graduation)**

This orientation-level course will provide an overview of all aspects of business marketing and management, including the concepts, functions, and skills required for meeting the challenges of operating a business in a global economy. Topics covered will include the various forms of business ownership, including entrepreneurship, as well as the basic functional areas of business (finance,

management, marketing, administration and production). Students will be introduced to a wide range of careers in fields such as accounting, financial services, information technology, marketing, and management. Emphasis will be placed on using the computer while studying applications in these careers along with communication skills (thinking, listening, composing, revising, editing, and speaking), math and problem solving. Business ethics as well as other workplace skills will be taught and integrated within this course. This course is intended to provide preparation for the skill level courses that make up the Business, Marketing and Management occupations programs.

# MATHEMATICS

The Department of Mathematics recommends a minimum grade of “C” as a prerequisite to take the next mathematics course. Four years of mathematics are recommended by the department. Most colleges require three years of mathematics for entrance.

Placement of freshman will be based on recommendations of their current (elementary) teachers and examination of ASPIRE test results. Subsequent course selection will be made according to Mathematics Department policy and student career goals. One class in Algebra as well as one class in Geometry are required by ISBE for graduation.

## COLLEGE PREPARATORY

### ALGEBRA I

02052A000

1 Credit (1 year)

*Open to freshmen, sophomores, juniors, and seniors*

*Prerequisite: Recommendation of 8th grade instructor or Mathematics Department.*

These students know how to work with fractions, decimals, and percents. Emphasis will be on solving, graphing, and writing linear and quadratic equations and inequalities. Graphing Calculators are required. A solid understanding of this course is necessary before continuing in mathematics. The basic algebraic operations of addition, subtraction, multiplication and division are spirally treated in dealing with unknown quantities. The number system is expanded from positive and negative numbers through the set of real numbers. The course also includes: equations (linear, quadratic, and systems of linear equations), inequalities (linear), word problems, introduction to linear, quadratic, and exponential functions, the quadratic formula, ratio and proportion, polynomials and factoring polynomials.

## HONORS COLLEGE PREPARATORY

### ALGEBRA I

02052A000

1 Credit (1 year)

*Open to freshmen, sophomores, juniors, and seniors*

*Prerequisite: Recommendation of 8th grade instructor or Mathematics Department, Course Grade of ‘B’ or higher in Pre-Algebra in elementary school, standardized test scores in the 75<sup>th</sup> percentile for math.*

The basic algebraic operations of addition, subtraction, multiplication and division are spirally treated in dealing with unknown quantities. Graphing Calculators are required. The number system is expanded from positive and negative numbers through the set of real numbers. The course also includes: equations (linear, quadratic, and systems of linear equations), inequalities (linear), word problems, introduction to linear, quadratic, and exponential functions, the quadratic formula, ratio and proportion, polynomials and factoring polynomials, and algebraic fractions. In addition to covering the course material more thoroughly and rigorously with an emphasis on more challenging problems, the students are offered supplementary and enrichment topics. A second semester grade of “B” or higher will be necessary for admission to Honors Geometry.

## COLLEGE PREPARATORY GEOMETRY

02072A000

1 Credit (1 year)

*Open to freshmen, sophomores, juniors, and seniors*

*Prerequisite: Successful completion of Algebra I with a ‘C’ or better or the instructor’s recommendation.*

Logical reasoning and the concept of proof are covered in this class. We will investigate properties of lines, triangles, quadrilaterals, and circles. Areas and volumes of two- and three-dimensional figures will be explored. Work with similarity, right triangles, and an introduction to trigonometry is included. The course is a modern approach to plane geometry with a blend of solid geometry. Some concepts of logic are presented to enable the student to understand the structure of proofs and assist him or her in developing properties of points, lines and planes. Graphing Calculators are required.

## HONORS COLLEGE PREPARATORY GEOMETRY

02072A000

1 Credit (1 year)

*Open to freshmen, sophomores, juniors, and seniors*

**Prerequisite:** Successful completion of *Algebra I and Geometry with a final grade of 'B' or better, or teacher recommendation.*

This is a one-year course in Euclidean Geometry that emphasizes logical reasoning, problem solving, and various types of proof. Connections between topics in geometry, other subjects in mathematics and the real world will be explored. The properties of lines, triangles, quadrilaterals, polygons, and circles will be covered. The area and volume of two- and three- dimensional figures will be explored. The course will also include transformations and an introduction to trigonometry. Honors Geometry is intended for mathematically talented students. More rigorous techniques of proof and topics in probability and statistics will be added to the curriculum. Identified gifted students will be admitted to the course by invitation. A second semester grade of "B" or higher will be necessary for admission to Honors Algebra II. Graphing Calculators are required.

## COLLEGE PREPARATORY ALGEBRA II

02056A000

1 Credit (1 year)

*Open to sophomores, juniors, and seniors*

**Prerequisite:** Successful completion of *Algebra I and Geometry with a final grade of 'C' or better or teacher recommendation.*

The course includes the study of the graphing of linear and higher degree equations, the solution of systems of equations, exponential and logarithmic functions, rational and radical functions, probability, data analysis and statistics, an introduction to trigonometry, arithmetic and geometric sequences and series, infinite geometric series, binomial expansions, second degree curves (circles, parabolas, ellipses and hyperbolas), word problems,

polynomials and factoring polynomials and quadratic and linear functions. Graphing Calculators are required.

## HONORS COLLEGE PREPARATORY ALGEBRA II

02056A000

1 Credit (1 year)

*Open to sophomores, juniors, and seniors*

**Prerequisite:** Successful completion of *Algebra I and Geometry with a 'C' or better or teacher recommendation.*

The course includes the study of the graphing of linear and higher degree equations, the solution of systems of equations, exponential and logarithmic functions, rational and radical functions, probability, data analysis and statistics, an introduction to trigonometry, arithmetic and geometric sequences and series, infinite geometric series, binomial expansions, second degree curves (circles, parabolas, ellipses and hyperbolas), word problems, polynomials and factoring polynomials and quadratic and linear functions. Graphing Calculators are required. A second semester grade of 'B' or higher will be necessary for admission into Honors Pre-Calculus.

## COLLEGE PREPARATORY PRE- CALCULUS

02110A000

1 Credit (1 year)

*Open to juniors and seniors*

**Prerequisite:** Successful completion of *Algebra II with a final grade of 'C' or better or teacher recommendation.*

Pre-Calculus courses combine the study of trigonometry, elementary functions, analytic geometry, and math analysis topics as preparation for calculus. Topics typically include the study of complex numbers; polynomial, logarithmic, exponential, rational, right trigonometric, and circular functions, and their relations, inverses and graphs; trigonometric identities and equations; solutions of right and oblique triangles; vectors; the polar coordinate system; conic sections; Boolean algebra and symbolic logic; mathematical induction; matrix algebra; sequences and series; and limits and

continuity. Graphing Calculators are required.

## **HONORS COLLEGE PREPARATORY PRE-CALCULUS**

**02110A000**

**1 Credit (1 year)**

**Open to juniors and seniors**

**Prerequisite: Successful completion of Honors Algebra II with a final grade of 'B' or better or teacher recommendation.**

Pre-Calculus courses combine the study of trigonometry, elementary functions, analytic geometry, and math analysis topics as preparation for calculus. Topics typically include the study of complex numbers; polynomial, logarithmic, exponential, rational, right trigonometric, and circular functions, and their relations, inverses and graphs; trigonometric identities and equations; solutions of right and oblique triangles; vectors; the polar coordinate system; conic sections; Boolean algebra and symbolic logic; mathematical induction; matrix algebra; sequences and series; and limits and continuity. Graphing Calculators are required. A second semester grade of 'B' or higher will be necessary for admission to Honors Calculus.

## **HONORS COLLEGE PREPARATORY CALCULUS**

**02121A000**

**1 Credit (1 year)**

**Open to seniors**

**Prerequisite: Successful completion of Pre-Calculus with a final grade of 'B' or better or teacher recommendation.**

This course is intended for students entering with a firm foundation in Algebra, Geometry, and Pre-Calculus. A review of pertinent mathematical topics needed for Calculus is undertaken and includes: lines, functions and graphs, exponential and logarithmic functions, and trigonometric functions. The topics of Calculus to be covered include: functions and models, limits and continuity, derivatives, differentiation rules, applications of differentiation, integrals, and applications of integration. Graphing Calculators are required.

## **COLLEGE PREPARATORY STATISTICAL PROBABILITY**

**02131A000**

**1 Credit (1 year)**

**Open to seniors**

**Prerequisite: Successful completion of Algebra II.**

This course includes topics to give students a good foundation of statistics. The student should have a good foundation of basic algebra skills. Some topics to be covered include: measuring tendencies, organizing and analyzing data, calculating probability, examining distributions, and testing hypotheses. Graphing Calculators are required.

## **HONORS/DUAL CREDIT GENERAL EDUCATION STATISTICS**

**02131A000**

**1 Credit (1 year)**

**Open to seniors**

**Prerequisite: Successful completion of Algebra II with a final grade of 'C' or better and an ACT score of at least a 22 in math and reading, or the student must complete the Accuplacer test with a score of 70 or above in reading and 40 or above in math. The instructor may choose to impose further conditions before granting permission for this class.**

This course includes topics to give students a good foundation of general education statistics. The following concepts and statistical techniques are included in this course: organization, presentation, and description of quantitative data (graphical methods and numerical methods); probability and probability distributions; sampling and statistical inferences (interval estimation and hypothesis testing); and correlation and regression. Students will be required to use a Graphing Calculator and a statistical software package in this course.



# MUSIC

## CHOIR

**05110A000**

**0.5 Credit (1 year)**

**Open to freshmen, sophomores, juniors, and seniors**

**Prerequisite: Adherence to rehearsal/performance requirements**

This is a non-audition choir consisting of students in all grade levels. Students learn the fundamentals of music theory, music notation (reading music), proper vocal production, and musicality. The choir performs a wide range of repertoire and will explore singing in various languages, some of which might include Latin, Spanish, French, German, and Italian. The choir represents the school and community in various concerts, festivals, and competitions. Students will be given the opportunity to work on solo and small ensemble literature as well. This is a performance-based class and, therefore, all performances on the schedule are mandatory. Students may audition for ILMEA District Festival Choir or Jazz Choir in the fall, and upperclassmen may also audition for the All-State Choir or Jazz Choir which perform in January. All choir students will prepare solo pieces and may choose to perform these at the IHSA Solo and Ensemble Contest in the spring. The Choir gives seasonal concerts, demonstrating the musical elements worked on and developed as a group, especially vocal and ensemble techniques. In addition, the Choir sings for the all-school Masses and learns about the proper role of music in the Mass, and performs at Graduation.

## BAND

**05101A000**

**0.5 Credit (1 year)**

**Open to freshmen, sophomores, juniors, and seniors**

**Prerequisite: Ability to play an instrument**

The band performs traditional concert band literature including marches, orchestral excerpts and transcriptions, as well as original works by American composers in concerts, contests, and at festivals. Students may audition for ILMEA All-District Festival Band, Orchestra, and/or Jazz Band, and upperclassmen may also audition for

the All-State Band, Orchestra, and/or Jazz Band which perform in January. All band students will prepare solo pieces and may choose to perform these at the IHSA Solo and Ensemble Contest in the spring. Students will experience literature from various periods: the Renaissance, Baroque, Classical, Romantic and Modern Era, including Jazz & Swing. Evaluation of the student depends on individual effort and progress, and each student's contribution to musical quality. Band students play for the all-school Masses and learn from the Liturgical Documents about the proper role of music in the Mass. The band also performs at home basketball games and at Graduation.

# HEALTH AND PHYSICAL EDUCATION

## HEALTH

08051A000

*0.5Credit (1 semester)*

*Open to sophomores, juniors, and seniors*

*Prerequisite: None*

A semester course required for graduation most often completed during the sophomore year.

The course content will center on the topics of: mental health, family and social health, growth and development, nutrition, exercise and fitness, drugs, diseases and disorders, safety and first aid, including CPR instruction, consumer health and environmental health.

The overall course is designed to improve the student's life management skills.

## PHYSICAL EDUCATION

08001A000

*0.5Credit (1 semester)*

*Open to freshmen, sophomores, juniors, and seniors*

*Prerequisite: None*

The course is divided into three different sections. Fitness will be stressed through a variety of exercises and running. Team sports and Leisure sports focus on rules and strategies of the games. The following are some of the sports and activities that will be offered: volleyball, flag football, softball, soccer, ultimate frisbee, pickleball, badminton, and general fitness. Each section includes grades for participation and a written test. Students will be graded on running a mile each semester and students will also be required to take a final exam each semester.

# SCIENCE

## COLLEGE PREPARATORY BIOLOGY

03051A000

*1 Credit (1 year)*

*Open to all students*

*Prerequisite: None*

Biology is a laboratory course that involves the study of life processes, life forms, changes in life, ecology, and population by means of the textbook, reference materials, class discussion and laboratory work.

## HONORS COLLEGE PREPARATORY BIOLOGY

03051A000

*1 Credit (1 year)*

**OPEN TO LINE HERE**

*Prerequisite: 8<sup>th</sup> grade science course grade of 'B' or better, standardized test scores in the 75<sup>th</sup> percentile for science, and teacher recommendation*

Enrollment numbers may be limited for this course. It will cover the same core curriculum as regular Biology but will proceed with a faster pace and greater depth and will require additional individual preparation. Additional emphasis will be placed on critical thinking and on current topics in biology. This course is designed for students who already have good study habits and welcome a challenge.

## COLLEGE PREPARATORY CHEMISTRY

03101A000

*1 Credit (1 year)*

*Open to sophomores, juniors, and seniors*

*Prerequisites: Biology and Algebra I with a 'C' or better.*

It consists of a blend of traditional chemistry and modern concepts. Theory, as well as practical application, is stressed. Content includes atomic structure, periodic law, chemical bonding, stoichiometry, equilibrium, and acids and bases. A good background in mathematics is essential to success in the

course due to the large amount of problem solving, both in class and in the laboratory.

## HONORS COLLEGE PREPARATORY CHEMISTRY

03101A000

*1 Credit (1 year)*

*Open to sophomores, juniors, and seniors*

*Prerequisites: Honors Biology and Honors Algebra I with a 'B' or better or teacher recommendation.*

Chemistry courses involve studying the composition, properties, and reactions of substances. These courses typically explore such concepts as the behaviors of solids, liquids, and gases; acid/base and oxidation/reduction reactions; and atomic structure. Chemical formulas and equations and nuclear reactions are also studied. Content includes atomic structure, periodic law, chemical bonding, stoichiometry, equilibrium, and acids and bases. A good background in mathematics is essential to success in the course due to the large amount of problem solving, both in class and in the laboratory. In addition to covering the course material more thoroughly and rigorously with an emphasis on more challenging questions, the students are offered supplementary and enrichment topics.

## DUAL CREDIT BIOLOGY General Biology: Ecology, Evolution, and Genetics

Dual Credit through SWIC

06103A000

*1 Credit (1 year)*

*Open to juniors and seniors*

*Prerequisite: Reading scores on the COMPASS test above the ENG 91 level, Writing scores on the COMPASS above the ENG 95 level and Math COMPASS scores above the MATH 94 level determine placement in this class. The instructor may choose to impose further conditions before granting permission.*

A laboratory course emphasizing scientific inquiry through the topics of biodiversity, evolution, ecology and genetics. Biological issues with personal and social implications will

be introduced. Not intended for science majors. Students may not receive credit for both BIOL 100 and BIOL 104.

## AP BIOLOGY

03056A000

1 Credit (1 year)

*Open to juniors and seniors*

**Prerequisite:** *Biology and Chemistry grade of 'B' or better and completion of required summer curriculum.*

Enrollment numbers may be limited for this course. It will cover the same core curriculum as regular Biology but will proceed with a faster pace and greater depth and will require additional individual preparation. Additional emphasis will be placed on critical thinking and on current topics in biology. This course is designed for students who already have good study habits and welcome a challenge. This course is structured around the four big ideas identified in the AP Biology Curriculum Framework. It will encompass the core scientific principles, theories, and processes governing living organisms using inquiry-based laboratory work and the use of the seven science practices in both lab and non-lab activities to cover the Four Big Ideas of Biology. **Big Idea 1:** The process of evolution drives the diversity and unity of life. **Big Idea 2:** Biological systems utilize free energy and molecular building blocks to grow, to reproduce and to maintain dynamic homeostasis. **Big Idea 3:** Living systems store, retrieve, transmit and respond to information essential to life processes. **Big Idea 4:** Biological systems interact, and these systems and their interactions possess complex properties. The course is also structured around inquiry in the lab and the use of the seven science practices throughout the course. A minimum of eight student directed labs (two related to each big idea) will be performed throughout the year. A minimum of 25% of instructional time will be spent in laboratory activities. All seven science practice skills listed below will be used by students throughout the course during laboratory activities. AP Biology will require students to record laboratory observations and assignments in a laboratory notebook.

## AP CHEMISTRY

03106A000

1 Credit (1 year)

*Open to juniors and seniors*

**Prerequisite:** *Biology and Chemistry grade of 'B' or better and completion of required summer curriculum.*

APt Chemistry is an advanced laboratory course focusing on the intricacies and orderliness of God's design of matter. Topics are typical of a first-year college chemistry course and include: chemical quantities and reactions, bonding theories, organic compounds, and properties of solids, liquids, and gases, thermodynamics, and solution chemistry. The course follows the curriculum for AP Chemistry and student are required to take the AP Chemistry Exam in May.

## COLLEGE PREPARATORY PHYSICAL WITH EARTH SCIENCE

03159A000

1 Credit (1 year)

*Open to juniors and seniors*

**Prerequisite:** *Biology and Chemistry or with administrative approval.*

This course involves the study of the structures and states of matter. It includes the areas of geology, astronomy, and meteorology as well as forms of energy, wave phenomenon, electromagnetism and physical and chemical interactions. Environmental concerns will be covered as well. The course requires little math, but makes use of the laboratory to reinforce concepts and develop science reasoning skills.

## COLLEGE PREPARATORY PHYSICS

03151A000

1 Credit (1 year)

*Open to juniors and seniors*

**Prerequisite:** *Biology and Chemistry.*

Physics focuses on the discovery and implication of physical law. This course will use both conception and mathematics to understand these ideas. Physics focuses on Newtonian mechanics including: motion, force, energy, momentum, and fluids. This course is highly recommended by colleges and is ideal for any student planning to attend college,

especially those interested in pursuing carriers in computers, engineering, architecture, medicine, or science. It is both lecture and laboratory in nature.

## **HONORS COLLEGE PREPARATORY PHYSICS**

**03151A000**

**1 Credit (1 year)**

***Open to juniors and seniors***

***Prerequisite: Successful completion of Honors Geometry or Honors Algebra II and Honors Chemistry with a grade of 'B' or above.***

Physics focuses on the discovery and implication of physical law. This course will use both conception and mathematics to understand these ideas. Physics focuses on Newtonian mechanics including: motion, force, energy, momentum, and fluids. This course is highly recommended by colleges and is ideal for any student planning to attend college, especially those interested in pursuing carriers in computers, engineering, architecture, medicine, or science. It is both lecture and laboratory in nature.

## **COLLEGE PREPARATORY MARINE SCIENCE**

**03005A000**

**1 Credit (1 year)**

***Prerequisite: Biology and Chemistry or with administrative approval.***

Marine Science is an environmental science course for students who wish to obtain in-depth knowledge of coastal and marine systems. This course will include a study of the physical, chemical, and geological aspects of oceanography, marine biology, and the coastal environment. This course focuses on the content, features, and possibilities of the earth's oceans through exploration of marine organisms, conditions, and ecology and sometimes covers marine mining, farming, and exploration.

# THEOLOGY

The ultimate goal of the theology curriculum at Father McGivney Catholic High School is to help our students know, love, and serve God in this world that they may be happy with Him forever in the next. The proximate goal is to help students come to know Christ Jesus through His Church and thus be well equipped to combat the “dictatorship of relativism” and to serve the “culture of life.”

Each course in this curriculum is designed to impart to students the “what” and the “why” of Church teaching and then to instruct students on how to apply and defend that teaching in their lives.

## COLLEGE PREPARATORY THEOLOGY I

07001A000

*1 Credit (1 Year)*

*Open to freshmen*

*Prerequisite: None*

### **First Semester: The Revelation of Jesus Christ in Scripture**

The purpose of this course is to give 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 the course they will learn about the Bible, authored by God through Inspiration, and its value to people throughout the world. If they have not been taught this earlier, they will learn how to read the Bible and will become familiar with the major sections of 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.

### **Second Semester: Who Is Jesus Christ?**

The purpose of this course is to introduce students to the mystery of Jesus Christ, the living Word of God, and the Second Person of the Blessed Trinity. In this course students will understand that Jesus Christ is the ultimate Revelation to us from God. In learning about who he is, the students will also learn who he

calls them to be.

## COLLEGE PREPARATORY THEOLOGY II

07009A000

*1 Credit (1 Year)*

*Open to sophomores*

*Prerequisite: None*

### **First Semester: The Mission of Jesus Christ (The Paschal Mystery)**

The purpose of this course is to help students understand all that God has done for us through his Son, Jesus Christ. Through this course of study, students will learn that for all eternity, God has planned for us to share eternal happiness with him, which is accomplished through the redemption Christ won for us. Students will learn that they share in this redemption only in and through Jesus Christ. They will also be introduced to what it means to be a disciple of Christ and what life as a disciple entails.

### **Second Semester: Jesus Christ's Mission Continues in the Church**

The purpose of this course is to help the students understand that in and through the Church they encounter the living Jesus Christ. They will be introduced to the fact that the Church was founded by Christ through the Apostles and is sustained by him through the Holy Spirit. The students will come to know that the Church is the living Body of Christ today. This Body has both divine and human elements. In this course, students will learn not so much about events in the life of the Church but about the sacred nature of the Church.

## COLLEGE PREPARATORY THEOLOGY III

07010A000

*1 Credit (1 Year)*

*Open to juniors*

*Prerequisite: None*

### **First Semester: Sacraments as Privileged Encounters with Jesus Christ**

The purpose of this course is to help students understand that they can encounter Christ today in a full and real way in and through the sacraments, and especially through the

Eucharist. Students will examine each of the sacraments in detail so as to learn how they may encounter Christ throughout life.

**Second Semester: Life in Jesus Christ (Morality)**

The purpose of this course is to help students understand that it is only through Christ that they can fully live out God's plans for their lives. Students are to learn the moral concepts and precepts that govern the lives of Christ's disciples.

**HONORS COLLEGE PREPARATORY THEOLOGY III**

**07010A000**

**1 Credit (1 Year)**

**Open to juniors**

**Prerequisite: None**

**First Semester: Sacraments as Privileged Encounters with Jesus Christ**

The purpose of this course is to help students understand that they can encounter Christ today in a full and real way in and through the sacraments, and especially through the Eucharist. Students will examine each of the sacraments in detail so as to learn how they may encounter Christ throughout life. This course entails a more challenging curriculum than the standard course with a greater deal of study.

**Second Semester: Life in Jesus Christ (Morality)**

The purpose of this course is to help students understand that it is only through Christ that they can fully live out God's plans for their lives. Students are to learn the moral concepts and precepts that govern the lives of Christ's disciples.

This course entails a more challenging curriculum than the standard course with a greater deal of study.

**COLLEGE PREPARATORY THEOLOGY IV**

**07013A000**

**1 Credit (1 Year)**

**Open to juniors**

**Prerequisite: None**

**First Semester: History of the Catholic Church**

The purpose of this course is to supply the students with a general knowledge of the Church's history from apostolic times to the present. They will be introduced to the fact that the Church was founded by Christ through the Apostles and is sustained by him throughout history through the Holy Spirit. The students will come to know that the Church is the living Body of Christ today and, as such, has both divine and human elements. In this course, students will learn about the Church's 2,000 years of history and about how the Church is led and governed by the successors of the Apostles.

**Second Semester: Living as a Disciple of Jesus Christ in Society**

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 today in the Church's social teaching and mission.

**HONORS COLLEGE PREPARATORY THEOLOGY IV**

**07013A000**

**1 Credit (1 Year)**

**Open to juniors**

**Prerequisite: None**

**First Semester: History of the Catholic Church**

The purpose of this course is to supply the students with a general knowledge of the Church's history from apostolic times to the present. They will be introduced to the fact that the Church was founded by Christ through the Apostles and is sustained by him throughout history through the Holy Spirit. The students will come to know that the Church is the living Body of Christ today and, as such, has both divine and human elements. In this course, students will learn about the Church's 2,000 years of

history and about how the Church is led and governed by the successors of the Apostles. This course entails a more challenging curriculum than the standard course with a greater deal of study.

**Second Semester: Living as a Disciple of Jesus Christ in Society**

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 today in the Church's social teaching and mission. This course entails a more challenging curriculum than the standard course with a greater deal of study.