

# 2022-23

# Archbishop Hoban Course of Studies

This document is under construction. Information is accurate as of January 15, 2022.  
Formatting and editing is taking place and a newer version will replace this in the near future.  
Thank you for your understanding.

## **Course of Studies**

### **Freshman**

Holy Cross Spirituality and Charism  
Scriptural Foundations  
Christian Service  
English 9 (As recommended)  
    Literature Survey  
    H English 9  
Math (As recommended)  
    Algebra  
    Intermediate Algebra  
    Geometry with Advanced Algebra  
    H Geometry with Advanced Algebra  
Biology  
World Civilization  
Health  
Physical Education \*\*  
Minimum of one elective  
    World Language  
    Visual or Performing Arts

### **Junior**

Ecclesiology\*  
Morality \*  
Christian Service  
English 11  
    World Literature  
    AP English Language and Composition  
Math (As recommended)  
Science (As recommended)  
Social Studies  
U.S. History  
    or CCP U.S. History  
    or AP U.S. History  
Minimum of one elective

### **Sophomore**

Christology  
Paschal Mystery  
Christian Service  
English 10  
    American Literature  
    H English 10  
Math  
    Geometry  
    Algebra II  
    H Algebra II  
Social Studies  
    World Civilizations  
    Western Civilizations  
    or AP European History  
Minimum of two electives  
    Science  
    World Language  
    Visual or Performing Arts  
    Physical Education \*\*

### **Senior**

Catholic Social Teaching  
Sacraments  
Christian Service  
English 12  
    British Literature  
    AP English Literature and Composition  
Math (As recommended)  
Science (As recommended)  
Social Studies  
    U.S. Government  
    or CCP U.S. Government  
    Economics  
Minimum of one elective

\* An Honors section is offered. Honors, AP, and CCP courses receive Honors credit.

\*\* Students may complete a waiver for PE classes by completing two seasons of sport or cheerleading, and taking a one-half credit course in lieu of PE. Students must complete the PE waiver by the end of their sophomore year. Students not completing the waiver must complete two PE courses before graduation. PE is usually taken as a freshman, and then the second course is taken as a sophomore. It is recommended that all students take the Freshman level PE class to become familiar with Hoban athletics and the Fitness Facility.

## **Electives**

### English

AP English Language and Composition\*  
AP English Literature and Composition\*  
Newspaper  
Yearbook  
(Yearbook and Newspaper may be taken a limit of two times for credit.)

### Mathematics

Algebra  
Intermediate Algebra  
Geometry with Advanced Algebra  
H Geometry with Advanced Algebra \*  
Geometry  
Algebra II \*  
H Pre-Calculus with Trigonometry \*  
CCP Elementary Functions I and II \*  
College Algebra with Statistics  
College Algebra w Statistics & Trigonometry  
CCP Calculus I \*  
AP Calculus AB\*  
AP Statistics \*

### Science

Physical Science  
Chemistry Honors  
Chemistry  
H Organic Chemistry \*  
AP Chemistry Conceptual  
Chemistry Physics \*  
AP Physics C: Mechanics \*  
H Human Anatomy and Physiology \*  
CCP Biology \*  
CCP Environmental Science \*  
Public Health  
Bioethics

### Social Studies

Mysteries of the Ancient World  
Archaeology  
Museum Studies \*  
International Politics I, II  
CCP International Politics  
AP European History \*  
CCP U. S. History \*  
AP U. S. History \*  
CCP U. S. Government \*  
Sports History Psychology  
Entrepreneurship

\* Honors Credit Scale applied to the course

### World Language

Spanish I, II\*, III\*, IV\*, V\*, CCP 101 & 102  
French I, II\*, III\*, IV\*, V\*, CCP 101 & 102  
Latin I, II\*, III\*, IV\*, CCP 101 & 102  
Italian I, II\*, III\*, IV\*, CCP 101 & 102

### Physical Education

Physical Education I, II  
Lifetime Sports  
Healthy Body Composition for Life  
Movement Training Concepts and Practice  
Exercise Methods and Measurement  
Self-Defense for Women

### Visual Arts

Beginning  
Art Studio  
Art  
Painting  
Drawing  
Ceramics  
Advanced Ceramics  
H Studio Art \*  
AP Studio Art:  
Drawing \*  
Digital Imaging  
Digital Photography  
Advanced Digital Photography  
Video Production  
Advanced Video Production  
Graphic Design  
Game Design

### Performing Arts

Beginning Steel Drum Ensemble  
Intermediate Steel Drum Ensemble  
H Steel Drum Ensemble \*  
Choir  
Drama  
Advanced Drama  
Introduction to Theater Tech

### Pre-Engineering

Pre-Engineering I, II, III

### Alternative Courses

Computer Science I,  
II  
AP Computer Science Principles\*  
Leadership  
Cybersecurity  
CCP Sociology

Courses may be added or deleted from this list.

## **Theology Department**

"Go make disciples of all nations and teach them to observe the commandments I have given you.  
And know that I am with you always even to the end of time."

*Matthew 28:19-20*

Responding to the mandate of Christ, the Religious Studies Department empowers each student to grow spiritually through instruction and experiences rooted in Gospel values. We enable the student to reach out in Christian Service as a participant in the building of Christ's kingdom. Teachers guide students in retreats and the Spiritual Engagement Program to empower them to enrich their spiritual lives.

The religious studies curriculum links religious education and faith formation. Education in the faith is a process touching the heart as well as the mind. Religious education involves faith and contemporary life, knowledge and practice, truth and values. The Christian message comes alive in our profession of faith and proclaiming of Christ. We worship by meaningful participation in liturgy, sacraments, prayer, contemplation, and celebration. In community, we receive the message, worship, and support others through Christian service. Campus Ministry and the Religious Studies Department collaborate to offer classes, service experiences, retreats, and opportunities for spiritual engagement that help students and teachers walk together on their faith journeys.

All students are required to pass Religious Studies each year. Christian Service is required of all students for graduation. It is to be completed between June and March of each year. Class retreats are held yearly for each grade level and are required. The Spiritual Engagement Program provides students with opportunities to discover how Divine Providence can be alive in their hearts and minds. Students complete at least eight experiences each semester. Kairos retreats are optional for juniors and seniors.

### **Holy Cross Spirituality and Charism**

Students will learn what it means to be a member of the Hoban family. They will explore Hoban's core values and traditions rooted in the charisms of the Congregation of Holy Cross. They will also study the history and spirituality of the Congregation of Holy Cross as it relates to the Hoban community.

Additionally this course seeks to enhance the Christian virtues of faith, hope, love, compassion, forgiveness, appreciation of diversity, reverence for life in all forms, and respect for the talents and abilities of others. The curriculum helps to assure that our Catholic identity and the Holy Cross tradition will permeate every aspect of the school climate and program.

One Semester (Gr 9, Semester 1)

Credit: ½ Unit

Course No: 010103

### **Scriptural Foundations**

The purpose of this course is to give students a general knowledge and appreciation of the Sacred Scriptures. Through study of the Bible they will encounter the living Word of God, Jesus Christ. Students 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 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, to encourage them to know and love Jesus Christ more personally.

One Semester (Gr 9, Semester 2)

Credit: ½ Unit

Course No: 010106

### **Christology**

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

One Semester (Gr 10, Semester 1)

Credit: ½ Unit

Course No: 010208

**Paschal Mystery**

The purpose of this course is to help students understand all that God has done for us through his Son, Jesus Christ. 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.

One Semester (Gr 10, Semester 2)

Credit: ½ Unit

Course No: 010209

**Ecclesiology**

The purpose of this course is to help students understand that in and through the Church they encounter the living Jesus Christ. They will be introduced the Church, founded by Christ through the Apostles and sustained by Him through the Holy Spirit. The students will come to know the sacred nature of the Church as the living Body of Christ today. This Body has both divine and human elements.

One Semester (Gr 11, Semester 1)

Credit: ½ Unit

Course No: 010312

**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 will learn the moral concepts and precepts that govern the lives of Christ's disciples and will understand how to apply these precepts in their daily lives.

One Semester (Gr 11, Semester 2)

Credit: ½ Unit

Course No: 010409

**Honors Ecclesiology****Honors Morality**

For each of these courses, students must complete an application through the Religious Studies Department. Those who are accepted into an Honors Religious Studies course will be asked to complete two (2) special projects, one during each quarter of the semester. These projects will require additional independent critical reading, research, and writing outside of class on selected topics relevant to the course, which are agreed upon by the teacher and student. The projects will include a first quarter research paper and a second quarter class presentation developed and reviewed with the teacher. Commitment to normal class participation is also essential. Students who do not complete the projects in a satisfactory manner while maintaining the normal class load will receive a grade no higher than B+.

H Ecclesiology (Gr 11, Sem 1)

Credit: ½ Unit

Course No: 010308

H Morality (Gr 11, Sem 2)

Credit: ½ Unit

Course No: 010311

**Catholic Social Teaching**

The purpose of this course is to introduce students to the Church's social teaching. Students will learn how Christ's concern for others, especially the poor and needy, is present today in the Church's social teaching and mission. Students will become familiar with the seven major themes of Catholic Social Teaching and how these themes can be applied to various social justice issues facing the world today.

One Semester (Gr 12, Semester 1)

Credit: ½ Unit

Course No: 010409

**Sacraments**

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.

One Semester (Gr 12, Semester 2)

Credit: ½ Unit

Course No: 010410

## **Christian Service Program**

“As a family of learners, anchored in gospel values, we empower each other to grow spiritually, develop intellectually and reach out in service to others.”

*Archbishop Hoban Mission Statement*

Christian service is an integral part of the development of the whole person. It empowers students to be faithful to the call of Blessed Basil Moreau, the founder of the Congregation of Holy Cross, to "have the competence to see and the courage to act." Our model is Jesus. Thus, we directly serve the poor, the marginalized, and the vulnerable to develop the life-long habit of reaching out in service to others.

Students are required to complete Christian Service for promotion to the next grade level and to graduate. The number of hours of service are specified for each year of attendance and all hours are to be reported to the Christian Service Coordinator.

Archbishop Hoban High School uses [x2VOL.com](http://x2VOL.com) to track Christian service hours. Through x2VOL, students electronically submit their pre-approval form and log their Christian service hours. The hours are then verified via email by the site volunteer coordinator. Hoban's Christian Service Coordinator reviews the service hours and reflection component of each submission. This system allows students to easily access information about their Christian service hours and enables them to create a service resume that can be used for college and scholarship applications.

Students are required to complete their service hours and report all hours to the Campus Ministry Department as a condition for returning the following year.

Freshmen – 10 hours (Pass or Fail)

Junior – 20 hours (Pass or Fail – 0.25 Unit)

Sophomore – 15 hours (Pass or Fail – 0.25 Unit)

Senior – 30 hours (Pass or Fail – 0.50 Unit)

## **Retreat Program**

Each year, Campus Ministry and the Religious Studies Department jointly offer retreat programs for all grade levels. All students are expected to participate in the annual class retreat. These retreats, offered during the school day, are an integral part of our school program. Attendance at a class retreat is a yearly requirement to be promoted to the next grade level and to graduate.

Junior and seniors can participate in optional Spes Unica retreats, offered three times each school year. These are overnight, weekend retreats.

## **Spiritual Engagement Program**

The Spiritual Engagement Program is a religious studies curriculum requirement. Each semester, students choose a specific prayer experience to attend at least once every two weeks. Opportunities to gather together are offered before and after school, multiple days each week. Prayer opportunities include: Mass, rosary, adoration of the Blessed Sacrament, guided meditation, and Scripture journaling. Students study the different forms of prayer that comprise the Spiritual Engagement Program in the Holy Cross Spirituality and Charism course.

## **The English Department**

With the entire Archbishop Hoban High School community, the English Department strives to form educated and compassionate Christian men and women. Through strengthening of reading, writing, speaking and listening skills, each student is assisted in developing honest and precise ways of communication which will lead to better human understanding and wisdom. Technology skills are integrated at each grade level to enhance students' ability to communicate their ideas. The Department encourages each student to write and speak accurately, convincingly, and significantly about literature and its relation to life. Thus, the student's experience and understanding of others is enlarged and broadened to include people who live in other communities and countries as well as those whose ethnic or cultural backgrounds may be different from his/her own. The investigation of truth and meaning through writing and speaking aids in developing each student's sense of self-worth and strong Christian values.

All students are required to complete four credits of English for graduation. Freshman year is a survey course in literature. The other three years include American Literature, World Literature and British Literature. The electives in this department may not be used as substitutes for the required classes.



**English 9 – Literature Survey**

This course incorporates grammar, vocabulary, writing, literary techniques, speaking and study skills. Projects, writing assignments, oral presentations and tests reflective of course expectations will demonstrate skills achieved for College and Career Readiness. Technology skills will support students' preparation for and completion of assignments. The course includes content and skills for standardized tests and other assessments.

Two Semesters

Credit: 1 Unit

Course No: 020101

Two Semesters

Credit: 1 Unit

Course No: 020101

**Honors English 9 – Literature Survey**

In addition to the course content of English 9, the Honors section includes challenging summer reading, independent projects and presentations, and both timed, in-class, and large out-of-class writing assignments. The course requires a more rigorous study of literature, as well as preparation for the October PSAT.

Two Semesters

Credit: 1 Unit

Course No: 020102

**English 10 – American Literature**

Sophomores will analyze and interpret a chronological collection of American writings that reflect the social forces, dominant ideas, and historical events in American literature and culture. Students will integrate 21<sup>st</sup> Century Skills, the Common Core and College and Career Readiness skills into the study of grammar and word usage as they concentrate on short expository themes and essays. The course also prepares students for the Ohio Graduation Test, PSAT and other achievement/Common Core tests.

Two Semesters

Credit: 1 Unit

Course No: 020201

**Honors English 10 – American Literature**

This course is a chronological study of American literature, which includes considerable outside reading (including summer reading), vocabulary study, and writing. Special emphasis is placed on improving reading and vocabulary skills to achieve higher scores on the PSAT, SAT, and ACT tests. Grammar and essay writing reflective of 21<sup>st</sup> Century Skills, the Common Core and College and Career Readiness skills are aimed at refining students' verbal and written expression.

Prerequisite: Successful completion of Honors English 9, or English faculty committee recommendation.

Two Semesters

Credit: 1 Unit

Course No: 020202

**English 11 – World Literature**

This course focuses on the literary contributions of many world cultures and a wide variety of world authors. Language arts skills reflective of 21<sup>st</sup> Century Skills, the Common Core and College and Career Readiness standards will continue the development of expository and analytical writing. Oral interpretation of literary works will occur in group, pair, and individual projects as well as class discussions. A review of grammatical, writing, and usage skills will be incorporated. Vocabulary building continues in the context of literary and writing assignments. The course includes preparation for the PSAT, ACT, SAT and Common Core assessments.

Two Semesters

Credit: 1 Unit

Course No: 020301

**AP English Language and Composition**

AP English Language and Composition is a class for students who love to read and write, think deeply, and work with a community of learners to discover and uncover truths in literature, the world, and themselves. It combines literature with the components of AP English Language and Composition, so there will be a combination of fiction and non-fiction readings. The intense concentration on language use in this course should enhance students' abilities to use and identify grammatical conventions both appropriately and with sophistication as well as to develop stylistic maturity in their own prose.

Prerequisite: Successful completion of Honors English 10, or English faculty committee recommendation.

Two Semesters

Credit: 1 Unit

Course No: 020303

### **English 12 – British Literature**

In this British Literature survey course, students read the oral poetry of the early Middle Ages and representative works of Chaucer, Shakespeare, the Romantic poets, Victorian, and Twentieth Century writers. Through reading, writing, dramatizing, and discussing literature, students develop critical thinking skills that are reflective of 21<sup>st</sup> Century Skills, the Common Core and College and Career Readiness standards. Composition assignments require prewriting, several drafts, and revisions for polished final products. A comprehensive review of grammar, usage, punctuation, and vocabulary development are included in this course.

Two Semesters

Credit: 1 Unit

Course No: 020401

### **AP English Literature and Composition**

This college-level course is designed in alignment with 21<sup>st</sup> Century Skills. Students engage in rigorous, intensive reading and analysis of both prose and poetry. The literature of Great Britain is approached from both a historical; and topical standpoint. Approved students understand that this is a fast-paced class that requires a consistent work ethic. Students may take the Advanced Placement Examination in May for possible college credit.

Prerequisite: Successful completion of AP English Language and Composition, or English faculty committee recommendation.

Two Semesters

Credit: 1 Unit

Course No: 020402

### **Newspaper**

The purpose of this course is to publish *The Visor*. Students learn to discern topics of current interest, research them, and present them in a journalistic style. Issues of journalism are learned by doing rather than by lecture and presentation. Emphasis is on the application of the rules of written English for improvement and refinement of articles. Students are also responsible for artwork, photography, and producing headlines. Keyboarding skills, while helpful; work is done on a personal computer using a word processing program. Class size is limited.

Prerequisite: (Grades 10, 11 and 12) Teacher recommendation

Only those seniors who have taken the Newspaper as juniors will be considered for the class.

Two Semesters

Credit: 1 Unit

Course No: 020801

### **Yearbook**

The purpose of this course is to produce *The Way*. Students learn principles of computer design, layout and graphics as well as copy writing and editing. Students are responsible for photography and artwork. Students should have access to a digital camera. Computer skills are helpful, especially knowledge of Photoshop. Previous course work in Digital Photography and Digital Imaging are recommended. Out-of-class work after school will be necessary. Students must follow through with the yearbook's completion in June. Class is limited to 15 students.

Prerequisite: (Grades 11 and 12) Application, Teacher recommendation. B or higher in English at the end of the first semester of the applying year.

Two Semesters

Credit: 1 Unit

Course No: 020901

### **Language Seminar**

This course addresses the needs of students who have been identified by their scores on our placement test as students who may have difficulty adjusting to the academic standards of Archbishop Hoban High School. It will focus on reading and writing skills needed for the student to graduate college and career ready. They will also work to improve their executive functioning skills, such as motivation, organization and self-discipline, as well as study skills. When necessary, it will address the content areas of the Ohio Graduation Tests.

Two Semesters

Credit: 1 Unit

Course No: 020702

## **The Mathematics Department**

The Hoban curriculum offers courses that respect individual interests and achievement. Initial placement in 9th grade is determined on the basis of the High School Placement Test and previous academic work in mathematics. Algebra, or placement beyond it by Hoban, is required for graduation. Students must take a math course each semester they are enrolled at Hoban.

### **Algebra I**

This first course is recommended for students whose placement test scores and performance in previous math courses indicate that they should reinforce fundamental algebraic concepts before progressing to more advanced concepts. TI-30XS is required for this course.

Two Semesters

Credit: 1 Unit

Course No: 030101

### **Intermediate Algebra**

This course is recommended for students whose placement test scores and performance in previous math courses indicate that they have mastered fundamental algebraic concepts and are ready to progress to more advanced concepts. TI-30XS is required for this course.

Two Semesters

Credit: 1 Unit

Course No: 030102

### **Geometry with Advanced Algebra**

This course is recommended for students whose academic record indicates mastery of the fundamental concepts of algebra and some advanced algebraic concepts. The course includes plane, solid, and analytic geometry, and advanced algebra. Students should have a strong interest in mathematics. TI-30XS is recommended for this course.

Two Semesters

Credit: 1 Unit

Course No: 030106

### **Honors Geometry with Advanced Algebra**

This course is for students who have demonstrated exceptional ability and interest in mathematics as indicated on the placement test. Students will also have excellent conceptual understanding of the essentials of a first course in Algebra. This course includes plane, solid, and analytic geometry. Important algebraic concepts the student will need in subsequent courses are also an integral part of the course. TI-30XS is required for this course.

Two Semesters

Credit: 1 Unit

Course No: 030103

### **Geometry**

Geometry follows successful completion of a first course in Algebra in a sequence that will proceed through a second course in Algebra to appropriate courses that will be determined based on the student's performance, interest level, and possible career preparation. The course includes plane, solid and analytic geometry. Important algebraic concepts the student will need in subsequent courses are also an integral part of this course. TI-30XS is required for this course.

Two Semesters

Credit: 1 Unit

Course No: 030303 / 030204

### **Algebra II**

Algebra II will review and extend the basic skills learned in Algebra or Intermediate Algebra with an emphasis on understanding functions and function transformations. Students will sharpen mathematical skills, study some new topics, and develop more logical thought processes. TI-83 or TI-84 graphing calculator is required. TI-89 is not permitted.

Prerequisite: Algebra or Intermediate Algebra

Two Semesters

Credit: 1 Unit

Course No: 030401

## **Algebra II**

Algebra II will extend the basic skills learned in Intermediate Algebra or Advanced Algebra with an emphasis on analyzing and applying functions. Students will sharpen mathematical skills, study some new topics, and develop more logical thought processes. TI-83 or TI-84 graphing calculator is required. TI-89 is not permitted.

Geometry may be taken concurrently with this course, with teacher recommendation.

Prerequisite: Intermediate Algebra or Advanced Algebra

Two Semesters

Credit: 1 Unit

Course No: 030301

## **Honors Algebra II**

Students enrolled in this foundational course must have demonstrated exceptional mastery of first year Algebra concepts. This is a course for self-motivated students with a strong interest in mathematics who have shown that they have the ability to perform in a rapidly paced and demanding mathematics course. Topics include logarithmic and exponential functions, matrices, the conic sections, and the set of complex numbers. This course may not be taken prior to Geometry. TI-83 or TI-84 graphing calculator is required. TI-89 is not permitted.

Geometry may be taken concurrently with this course.

Prerequisite: Honors Geometry with Advanced Algebra I with a grade of B- or better, or Advanced Algebra with teacher recommendation.

Two Semesters

Credit: 1 Unit

Course No: 030203

## **College Algebra with Statistics and Trigonometry**

This course is a rigorous extension of Algebra II. All families of functions are studied in depth, including applications of functions. Graphing functions manually, as well as the use of the graphing calculator, is mastered. Data analysis, experimental design, probability, and statistical inference will be examined. Triangle trigonometry, vectors and analytical trigonometry will also be studied.

A graphing calculator is required for this course; the TI-89 is not permitted.

Two Semesters

Credit: 1 Unit

Course No: 030605

## **College Algebra with Statistics**

This course is an extension of Algebra II. All families of functions continue to be studied. Functions are graphed and analyzed manually as well as with the aid of a graphing calculator. Data analysis, experimental design, probability, and statistical inference will be examined.

A graphing calculator is required for this course; the TI-89 is not permitted.

Two Semesters

Credit: 1 Unit

Course No: 030606

## **Honors Pre-Calculus with Trigonometry**

This course serves as a foundation for a first Calculus course. The course introduces students to the skills necessary for rigorous analysis of the topics in trigonometry, analytic geometry, exponential and logarithmic functions, and sequences and series. This is a course for self-motivated students with a strong interest in mathematics who have shown the ability to perform in a rapidly paced and demanding mathematics course. TI-83 or TI-84 graphing calculator is required (TI-89 is not permitted.)

Prerequisite: Successful completion of Honors Algebra II and teacher recommendation.

Two Semesters

Credit: 1 Unit

Course No: 030305

## **CCP Elementary Functions I – Semester 1**

## **CCP Elementary Functions II – Semester 2**

This Pre-Calculus course serves as a foundation for a first Calculus course. The course includes solving rational and radical equations, polynomial and rational inequalities, transformation of functions, composition of functions, inverse functions, exponential and logarithmic functions, conic sections, sequences and series, trigonometry, systems of equations, and matrices and determinants.

Students have the opportunity to earn college credit through the College Credit Plus Program (CCP) at Walsh University. To earn the CCP credit, students and parents must complete a sequence of application and approval steps through Walsh University and the Ohio Department of Education (ODE). The State of Ohio will cover the cost of the credits earned if the steps are completed within the timelines established by the university and ODE.



## **The Science Department**

The Science Department prepares students to meet the rigorous challenges expected of them in the Common Core Standards for the Twenty-first Century Literacy goals, and to successfully compete with their peers on the world stage.

An enduring understanding of the multi-faceted scientific process is critical to prepare students for the rigor and deeper understanding expected of them in the twenty-first century. In addition to traditional factual knowledge, science courses at Hoban emphasize historical, societal, and the human dimension of science. An emphasis is placed on critical thinking skills by evaluating and interpreting student generated laboratory data, and the literacy skills required for clear and concise written evaluation of the data. In collaboration with other academic departments science courses prepare students for those skills expected of them to be college and career ready.

Three (3) credits of science are required for graduation. These must include one (1) unit of Biology, one (1) unit of a physical science and one (1) unit of advanced science. Students should check the entrance requirements of colleges they may be interested in to make sure they meet the standards. Some science courses have prerequisite science or math courses. Selected students may enter the honors science and math sequence during the sophomore year.

### **Physical Science**

This laboratory course affords student the opportunity to learn scientific principles and concepts, and application of course content knowledge through a variety of experiments in chemistry and physics. Students explore the universe through the study of the nature of matter and atoms, how chemicals mix and react, motion, energy, and the forces that hold the universe together.

Prerequisite: Enrollment in or completion of Algebra or Intermediate Algebra.

Two semesters (Grades 10 and 11)

Credit: 1 Unit

Course No: 040701

### **Biology**

This lab course, taken by all freshmen, is an introduction to life sciences and how science is done in the real world. The first semester begins with a focus on the scientific method, scientific tools and measurement, and the chemistry of living organisms. It then delves into the guiding principles of biology, including cell theory and the theory of evolution. The second semester examines molecular biology through the study of genetics, DNA, RNA, and protein synthesis. The curriculum concludes with units on plants and animals, connecting molecular and cellular biology to organisms and their ecological relationships with our planet.

Two Semesters

Credit: 1 Unit

Course No: 040101

### **AP Biology**

This course is designed to be the equivalent of a college introductory biology course usually taken by biology majors during their first year. The emphasis in this class is developing an understanding of concepts rather than memorizing terms and technical details. The course curriculum will be 25% Evolution, 25% Energy, 25% Genetics, and 25% Populations.

Students must have maintained a B+ average in their current science class and successfully completed Chemistry. Approval of the current science teacher, the science department chairperson and the AP Biology teacher.

Two Semesters (Grade 11, 12)

Credit: 1 Unit

Course No: 040404

### **Honors Human Anatomy and Physiology**

This course is intended for the student who wishes to learn in detail about the structure (anatomy) and function (physiology) of the human body. It also includes pathology, the study of how specific disorders relate to abnormal function. Students will learn how new health care technologies work and how to interpret the results. Career opportunities, and the educational requirements needed to achieve success in those careers, will be presented.

The course demands independent study and extensive preparation outside of class. Rigorous laboratory activities and mammalian dissection (cat, pig heart, cow eye and sheep brain) is required. Students will be assessed through tests for understanding of how cells, tissues and organs work together, and lab practical exams.

Prerequisite: Successful completion of Biology and Chemistry with a grade of C+ or better in both courses, or current enrollment in Chemistry.

Two semesters (Grades 11 and 12)

Credit: 1 Unit

Course No: 040907

## **Chemistry**

Chemistry is the study of matter, its changes, and the energy transformations that accompany these changes. The scientific method is used and theory is applied through laboratory work and demonstration experiments.

This laboratory course is open to students who have completed Biology and Intermediate Algebra I with a C average or better.

Prerequisite: Algebra II, concurrent or completed.

Two semesters (Grades 10 and 11)

Credit: 1 Unit

Course No: 040904

## **Honors Chemistry**

This course emphasizes developing scientific and engineering practices using chemistry concepts to solve problems. The relationship between molecular structure and physical/chemical properties, and the relationship between the microscopic and macroscopic levels will be emphasized with demonstrations, laboratory experiments, lectures and projects. Atomic structure is highlighted to explain mathematical and descriptive concepts learned throughout the course. Students will be expanding their scientific literacy by writing laboratory reports.

Prerequisite: Teacher approval. Completion of or concurrent enrollment H Algebra II.

Two Semesters (Grade 10 and 11)

Credit: 1 Unit

Course No: 040204

## **AP Chemistry**

This course is designed for college-bound students who wish to enrich their knowledge of chemistry and develop more advanced skills and techniques. It is based on the national Advanced Placement Curriculum in Chemistry, and students will be prepared to take the Advanced Placement Test. Topics covered in the class include atomic theory and atomic structure, chemical bonding, nuclear chemistry, gases, liquids, and solids, solutions, reaction types, stoichiometry, equilibrium, kinetics, and thermodynamics.

Prerequisite: B+ average in Chemistry and enrolled in or completed an advanced math course. Approval will come at the discretion of the current science teacher in consultation with the science department chairperson and the AP Chemistry teacher. Students are expected to take the AP Test in May.

Two Semesters (Grade 11, 12)

Credit: 1 Unit

Course No: 040403

## **Honors Organic Chemistry**

Honors Organic Chemistry is a one-semester course designed for students interested in pursuing a career in biochemistry, bioengineering, or medical related fields. This course is designed to give those students an introduction to the basics of organic chemistry.

Organic chemistry is the study of molecules formed from covalently bonded atoms. Organic compounds contain only about a dozen common functional groups that repeat in a great number of organic molecules that engage in only a few important chemical reactions. The reactions and properties of a huge number of organic chemicals can be understood by learning the physical properties and chemical reactions of these functional groups.

This course will focus on an introduction to nomenclature (naming organic compounds), basic functional groups (alcohols, ethers, carboxylic acids, and amines), hydrocarbons (alkanes, alkenes, and alkynes), and SN1 and SN2 type reactions. Organic chemistry is a laboratory course with lab experiments focusing on the preparation of organic compounds, and SN1 and SN2 type reactions.

Prerequisite: A grade of B or better in Honors Chemistry or Chemistry, and Honors Algebra II or Algebra II.

One Semester (Grade 11, 12)

Credit: 1 Unit

Course No: 040913

## **Conceptual Chemistry**

This course is designed to stimulate higher-level thinking skills without emphasizing mathematics. Students are introduced to chemistry conceptually. Class lectures, demonstrations, class discussions and videos support the conceptual stage of learning chemistry. The use of personal experience in everyday language is maximized. Chemistry will be seen as being everywhere and part of everything experienced, not only as mathematical equations or as a classroom and laboratory activity. It is open to students who have completed Intermediate Algebra I.

Prerequisite: Completion of Intermediate Algebra I

Two Semesters (Grades 11 and 12)

Credit: 1 Unit

Course No: 040903

## **Physics**

This physics course will develop a thorough understanding of important classical physical principles such as dimensional motion, forces, work, energy, power, torque, waves, and electricity and magnetism. Knowledge of these principles allows students to explore through laboratory investigations and projects. Understanding of the basic principles involved and the ability to apply these principles in the solution of problems and projects are major goals of the course. Application of algebra and basic trigonometry skills are highly utilized in the course.

Prerequisite: Geometry; current enrollment in Algebra II or an advanced mathematics class

Two Semesters (Grades 11 and 12)

Credit: 1 Unit

Course No: 040401

## **Honors Physics**

This highly intensive course is an elective for students who excel in mathematics and science. It is aimed at developing a thorough understanding of important classical physical principles such as dimensional motion, forces, work, energy, power, torque, waves, and electricity and magnetism. Systematic investigations will be conducted, and students will make practical use of their knowledge by conducting and designing experiments as well as small group projects. Understanding of the basic principles involved and the ability to apply these principles in the solution of problems, lab investigations, and projects are major goals of the course. Extensive application of algebra skills and trigonometry throughout this course will serve as a strong foundation for college-level physics courses.

Prerequisite: Geometry and Chemistry. Enrollment in H Pre-Calculus or College Algebra with Trigonometry

Two Semester (Grades 11 and 12)

Credit: 1 Unit

Course No: 040402

## **AP Physics C: Mechanics**

This course follows the content described in the College Board's Advanced Placement Physic C: Mechanics syllabus which outlines one college semester of calculus based introductory physics. It is intended for students planning to major in a physical science or engineering.

Emphasis is placed on both theoretical and mathematical concepts. Students will be expected to complete laboratory work that includes quantitative measurement and analysis using traditional and modern instrumental techniques. Students are encouraged to take the AP Physics C: Mechanics exam in May.

Prerequisite: Completion of Physics with a B+ or better, and concurrent enrollment in, or successful completion of, AP Calculus or CCP Calculus. Approval of the current science teacher, in consultation with the science department chairperson and the AP Physics teacher, is required.

Two semesters (Grades 11 and 12)

Credit: 1 Unit

Course No: 040408

### **CCP Environmental Science**

The class will investigate the dynamic relationship between humans and their environment. Through laboratory experiences, computer simulations, lecture and discussion, students will explore, question and develop an understanding of the natural and human processes that affect the environment. The course focus is on the broad concepts of pollution, resource depletion and loss of biodiversity. Topics include ecosystems, water pollution, air pollution, energy, food and land use, waste management, legislation, technology, population trends and global climate change.

To receive Advanced College Credit (CCP), students must meet eligibility criteria, complete course requirements, and pay tuition according to the policies and procedures established by Mount Union University. Families are responsible for this cost. Mount Union credits which transfer to many universities. Check each university regarding their policies regarding transfer credits.

Prerequisite: Successful completion of Biology or teacher recommendation.

This course has a three credit class hour and one credit lab hour credit through Saint Louis University.

Two Semesters (Grades 11 and 12)

Credit: 1 Unit

Course No: 040909

### **Public Health**

Public Health, a one-semester course offered first in the 2020-2021 school year, is designed for students interested in pursuing a career in medicine, law, social work, and related fields. It studies how societies can work to improve the health of the community as a whole by preventing disease, and how it differs from traditional medical care which focuses on helping individuals who are already ill.

The students are introduced to the basics of how public health is defined and the benefits it has for society. The course will focus on epidemiology, statistics, biomedical sciences, environmental sciences, and social and behavioral sciences, the major investigative disciplines of public health.

Prerequisites: Chemistry and Algebra II.

One Semester (Grade 11, 12)

Credit: ½ Unit

Course No: 040911

### **Bioethics**

Bioethics, a one-semester course to be offered first in the 2021-2022 school year, is designed for students interested in pursuing a career in medicine, law, scientific research, theology, and related fields. The goal is to help students understand scientific advances and make informed, ethical decisions for themselves and with others.

Topics of medicine and science, from the viewpoint of ethics, law, public policy and when applicable, Catholic morality, will be examined. Professional responsibilities of health care personnel, biological and medical research scientists, health issues, patient's rights and biotechnology will be explored using hypothetical and actual cases of bioethical dilemmas.

Prerequisites: Chemistry.

One Semester (Grade 11, 12)

Credit: ½ Unit

Course No: 040912

### **Introduction to Independent Study**

As part of the Center for Sustainability, this course will prepare students to conduct the independent study or research project related to the areas of environmental science, public health, bioethics or public service in a discipline of their choice. Students will learn about the format, research and design of an independent study working with mentorship of an approved Hoban faculty member.

Prerequisite: Teacher recommendation and successful completion of associated courses.

One Semester (Grade 12)

Credit: ½ Unit

Course No: 040988

### **Independent Study**

In conjunction with the Center for Sustainability, the student will conduct the independent study by conducting the research and analysis, in implementing and reporting of the study or research project. Students will work with the mentorship of an approved Hoban faculty member.

Prerequisite: Teacher recommendation and successful completion of associated courses.

One Semester (Grade 12)

Credit: ½ Unit

Course No: 040989

### **Center for Sustainability**

The Archbishop Hoban Center for Sustainability will bring together a cohort of juniors and seniors who agree to register for specific courses and participate in a hybrid learning model for Gold Days during the 2021-2022 academic year. Students will spend one Gold Day each week learning in Cuyahoga Valley National Park. Mrs. Bates will be the Director and an instructor for the center.

The coursework integrates themes in Bioethics and Public Health with scientific and service learning opportunities in Environmental Science. Students will explore projects that involve engineering, chemistry, life sciences, the arts and social justice. Each student will work with a Hoban faculty mentor to plan and execute an independent study project connected to their project in the national park.

Courses include

- CCP H Environmental Science                      040909              (1.0 credit)
  - Public Health    040911              (0.5 credit)
  - Bioethics    040912              (0.5 credit)
  - Introduction to Independent Study              040988              (0.5 credit)
  - Independent Study                                      040989              (0.5 credit)
- |                     |  |                 |
|---------------------|--|-----------------|
| Foreign Language    | Government                                     | Social Justice  |
| Digital Photography | Environmental Legislation                      | Engineering III |
| Video Production    | Other topics with the approval of the Director |                 |

### **The Social Studies Department**

The Social Studies Department educates students by studying the people and events of history, their effects through the ages, as well as their relevance to today's world. This is accomplished by acknowledging political, social and economic developments that have led to the modern era. The goal will be achieved through a combination of in-depth research utilizing primary and secondary documents, projects, presentations, and historical writing. The course offerings will enable students to consider varied perspectives and articulate their findings with supportive evidence. Students will also be introduced to current career options in the field of Social Studies.

Department members strive to develop active, civic minded citizens, challenging each student's heart and mind in the Holy Cross tradition with the goal of becoming compassionate, sophisticated thinking, lifelong learners.

#### **World Civilization**

World Civilization students will study the history, culture and geography of Africa, the Middle East, Asia, South America and Central America. Current issues will be a key component of the class.

Students will develop important social studies skills such as historical research, analytical writing, and informational presentations in both digital and non-digital formats. Geography skills will also be developed. Students will gain a greater understanding of how the past helps us understand the world today through a wide variety of assessments and activities.

One Semesters (Grade 9 and 10)

Credit ½ Unit

Course No: 050102

#### **Western Civilization**

Students will study the history, culture and geography of Europe from the ancient civilizations of Greece and Rome, through to the early 20th century, examining the many different eras of European history, and how they have impacted the world. Comparative analysis of current issues will also be a key component of the class.

Students will develop important social studies skills such as historical research, analytical writing, and informational presentations in both digital and non-digital formats. Geography skills will also be developed. Students will gain a greater understanding of how the past helps us understand the world today through a wide variety of assessments and activities.

One Semesters (Grade 10)

Credit ½ Unit

Course No: 050203

### **U. S. History – Colonization to the Present**

This course develops the student's knowledge of the people and events that helped to shape the social, political, economic, and religious institutions in America. Students, through the process of analysis, will gain a better understanding of how history affects the decisions and decision-makers of today. A basic goal of this class is to make students aware of the importance of being active participants in our democratic society. Geography will be taught in conjunction with the concepts of Manifest Destiny, Imperialism and the emergence of the United States as a world power.

Two Semesters (Grade 11)

Credit: 1 Unit

Course No: 050301

### **CCP United States History**

College Credit Plus United States History focuses on developing the student's knowledge of the people and events that helped to shape the social, political, economic, and religious institutions in America. Through reading and analyzing primary source documents they will better understand how history affects the decisions and decision-makers of today. Students develop primary source document analysis and analytical writing skills. A basic goal is for students to become aware of the importance of being active participants in our democratic society.

Geography, in conjunction with the concepts of Manifest Destiny, Imperialism and the emergence of the United States as a world power will be taught. The first semester looks at Colonization to the end of the Civil War and is available for three college credits. The second semester focuses on the Era of Reconstruction to the Modern Era and is also available for three college credits.

Students have the opportunity to earn college credit through the College Credit Plus Program (CCP) at Mount Union University. To earn the CCP credit, students and parents must complete a sequence of application and approval steps through Mount Union University and the Ohio Department of Education (ODE). The State of Ohio will cover the cost of the credits earned if the steps are completed within the timelines established by the university and ODE. CCP credits are automatically accepted by Ohio's public universities, and are accepted by many other universities. Check transfer credit requirements with each university regarding their policies.

Two Semesters (Grade 11)

Credit: 1 Unit

Course No: 050307

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

Advanced Placement United States History is designed to help students analyze America's political, economic and social structures, and the people and policies that shaped the modern world. Students study American history from the Age of Exploration to the present. The course will take an in-depth view of America's role in international affairs past and present. Students will study how the policy makers of today are shaping America's future. Students will utilize and develop critical thinking skills, primary source analysis and essay writing skills. Students are encouraged to take the AP exam in May.

Prerequisite: Application and approval by the current or previous Social Studies teacher and current English teacher.

Two Semesters (Grade 11)

Credit: 1 Unit

Course No: 050302

### **AP European History**

Advanced Placement European History examines the cultural, economic, political and social events that have been fundamental in shaping the Western world. Students study European history from the Renaissance to modern times, including European interaction with global events. Overall, the goals of the class are to assist the students (a) in developing an understanding of principle themes in modern European History, (b) with the cognitive abilities to analyze and interpret primary source materials and events, while (c) articulating their historical understanding through analysis of primary source documents and essay writing. Students are encouraged to take the AP exam in May.

Prerequisite: Application and approval by the current or previous Social Studies teacher and current English teacher.

Two Semesters (Grades 10, 11 and 12)

Credit: 1 Unit

Course No: 050801

### **Economics**

In this class students examine the origin, growth and decline of various economic systems. Students gain an understanding of basic economic concepts and theory through the study of economists and economic schools of thought. Students analyze economic problems that are a result of an ever-increasing interdependent global economy and pose possible solutions to these problems. The course includes a financial literacy unit that aligns with ODE requirements, college and career readiness, and characteristics of a literate person.

One Semester (Grade 12)

Credit: ½ Unit

Course No: 050402

### **U. S. Government**

The course explores the development of American government including an analysis of political theories and competing interests represented in the Declaration of Independence and the U.S. Constitution. Students will analyze political behavior, governmental institutions, the rule of law, the role of compromise in group decision making and political, personal and civil rights.

One Semester (Grade 12)

Credit: ½ Unit

Course No: 050401

### **CCP American Government**

College Credit Plus American Government will provide students in-depth knowledge of the American political system. The course will explore the development of the American governmental system including a deep analysis of political theory and of special interest groups in the political scene stemming from the Albany Plan of Union of 1754 through the Declaration of Independence, to the Constitution of the United States. Students will study our modern political institutions, the importance of political compromise, as well as the practicality of applying the role of liberty, freedom, and equality to a modern Democratic government. Honors Government builds upon concepts learned in the United States History course.

College Credit Plus (CCP) credit is available for CCP American Government students. To receive CCP, students must meet eligibility criteria, complete course requirements, and pay tuition according to the policies and procedures established by Mount Union University. Families are responsible for this cost. CCP credits transfer to many universities. Check with each university regarding their policies regarding transfer credits.

Prerequisite: Application, essay on U.S. History Semester 1 Exam, teacher recommendation, and minimum of a B in AP U.S. History or A in U.S. History.

One Semester (Grade 12)

Credit: ½ Unit

Course No: 050403

### **Archaeology**

The focus of Archeology is the importance of archeological work in uncovering the past as well as to engage the class in current archeological digs through field work and research. The class will study archeology of the Ancient World (Greece, Rome, North Africa and China) and then examine both pre-European and post-European archeological work in the United States. Students conduct interviews and hold in-depth conversations with leading archeologists in Ohio and across the country to learn about current dig sites as well as current technology used in conducting archeological research today. After preparing an in-depth field analysis report, the class will spend a month excavating the Sumner Farm archaeological field site on the Hoban campus

Prerequisite: Application

One Semester (Grade 12)

Credit: ½ Unit

Course No: 050802

### **International Politics I**

International Politics I challenges students to analyze world affairs from varied perspectives. Themes include war vs. peace, human rights, nationalism, ethnic and religious extremism, democracy and authoritarianism, immigration, women, electoral systems, developing nations, and the various international relations paradigms. The goal is to build an understanding of world events that allows students to develop reasoned solutions to complicated scenarios.

One Semester (Grades 10, 11, 12)

Credit: ½ Unit

Course No: 050902

### **International Politics II, CCP Option**

Students will build on the skills of International Politics I through research, in depth debate and crisis simulations. International Politics II students will explore career opportunities in public policy, international relations and international business. College Credit Plus (CCP) credit is available for CCP International Politics II students. To receive CCP, students must meet eligibility criteria, complete course requirements, and pay tuition according to the policies and procedures established by Kent State University. Families are responsible for this cost. CCP credits transfer to many universities. Check with each university regarding their policies regarding transfer credits.

Students in International Politics I and II have the opportunity to earn credit for participation in the Archbishop Hoban Model UN team as part of the course. Model UN members will participate in competitions throughout Northeast Ohio.

One Semester (Grades 10, 11, 12)

Credit: ½ Unit

Course No: 050903

### **Museum Studies**

Museum Studies is a hands-on research, analysis and presentation course with a focus on historical research, first-person interpretation, writing and museum display creation. Students will research a local Revolutionary War veteran and create a historical interpretation of that individual who they will be portraying during the Revolutionary War Living History Day. A wide variety of technological tools will be utilized in preparing an electronic portfolio and museum display. Students wanting to participate in the Revolutionary War Living History Day Program are required to take this course.

2<sup>nd</sup> Semester (Grade 10, 11, 12)

Credit: ½ Unit

Course No: 050305

### **Sports History**

Students learn about the development and growth of the major sports in our society through various historical perspectives. There will be an emphasis on understanding the inner relationship that sport has on social, economic, and cultural forces that are at work in the United States. Students will examine the historical context as well as the significance of gender, race, ethnicity and social class through reading primary sources, audio and visual materials, and class discussions.

One Semester (Grade 11, 12)

Credit: ½ Unit

Course No: 050602

### **Psychology**

This survey course studies human behavior and will examine the six contemporary psychological perspectives: biological, cognitive, humanistic, psychoanalytic, learning and socio-cultural. Major areas covered are growth and development, intelligence learning, memory, emotions, personality, mental illness, psychotherapy, social cognition, and social interaction.

One Semester (Grades 12)

Credit: ½ Unit

Course No: 050803

### **Entrepreneurship**

Entrepreneurship is designed to provide students multiple opportunities, both in and out of the classroom, to develop leadership and entrepreneurial skills. Beyond going through the process of starting a business, the class will teach students to seek problems, explore innovative solutions, research whether a solution is marketable, and ultimately form a business venture. Other topics to be explored will be modern leadership, marketing, licensing, public speaking, negotiation skills, and team building. Outside the classroom students will also have opportunities to shadow or intern with local entrepreneurs, network with area businesses, and ultimately develop then pitch a product in a “Shark Tank” style competition.

One Semester (Grades 11, 12)

Credit: ½ Unit

Course No: 110904

## **The World Languages Department**

Through the exploration of language and culture, students develop an understanding of themselves and the world around them. Knowing multiple languages may also result in opportunities in the job market and in all aspects of society.

World Languages are elective courses, however most universities prefer three credits of a single language or two credits each of two different languages. Hoban offers four levels of study in Spanish, French, Latin, and Italian. CCP courses are offered in Spanish, French, Latin, and Italian for qualified students who have had previous language experience. Students are encouraged to continue the same language over successive years.

### **Spanish I**

This is an introductory course with an emphasis on communication. The students will learn the basic structures of the language and common usage vocabulary. Grammar and vocabulary will be presented and practiced through text and workbook assignments that focus on the skills of listening, reading, writing, and speaking. Cultural topics will also be explored, so that students begin to understand and appreciate both similarities and differences between their own culture and the cultures of Spanish-speaking countries. The use of technology (iPads, the Internet, etc.) will be integrated as a tool for presenting information, practicing language skills, and accessing cultural information.

Two Semesters

Credit: 1 Unit

Course No: 061101

### **Advanced Spanish I**

This is an advanced course for above average freshmen. There is an emphasis on understanding and speaking Spanish. The students learn the basic structure of the language and common usage vocabulary through continual conversational practice and homework assignments. Grammar and vocabulary will be introduced in context and acquired through direct reading and writing with the use of visuals to reinforce and to evaluate their proficiency in Spanish. Culture and customs of the people from the countries where Spanish is spoken will be presented on an informal basis by viewing and creating videos pertaining to topics studied as well as using the Internet to compare and contrast.

Prerequisite: Students must take a placement exam in order to be considered for this course.

Two Semesters

Credit: 1 Unit

Course No: 061103

### **Spanish II and Honors Spanish II**

Building on the structures in the first level, continual emphasis in class is given to understanding and speaking Spanish. Grammar and common usage vocabulary will be expanded through directed reading, writing, and homework assignments. A more formal approach to culture is begun. Students will use the Internet and other resources to obtain information and report their findings to the class. The iPad is utilized as a tool for presenting information, practicing language skills, and accessing information.

To enroll in Spanish II, students must have a teacher recommendation based on the student's ability to demonstrate an understanding of the concepts from Spanish I. To enroll in Honors Spanish II a student must have a teacher recommendation, based upon students' work ethic, participation and grades.

Two Semesters

Credit: 1 Unit

Course No: 061202 / 061203

### **Spanish III and CCP Honors Spanish III (Spanish 101)**

Advanced courses reinforce the understanding and speaking skills from the earlier levels of Spanish and provide continued emphasis for independent use of the language through comprehension of speaking, listening, reading and writing in Spanish. A more formal approach to grammar is presented along with the introduction to the reading of short stories, novels, and poetry. Students study the history and culture of Spain and Latin America. The iPad is utilized as a tool for presenting information, practicing language skills and accessing information on cultural topics.

To enroll in Spanish III, a student must have a teacher recommendation and demonstrate an understanding of the content of Spanish I and Spanish II. CCP Honors Spanish III requires a teacher recommendation based upon students' grades, work ethic, and participation in Spanish II.

College Credit Plus (CCP) credit is available for CCP Honors Spanish III students. To receive CCP, students must meet eligibility criteria, complete course requirements, and pay tuition according to the policies and procedures established by Mount Union University. Families are responsible for this cost. CCP credits transfer to many universities. Check with each university regarding their policies regarding transfer credits.

Prerequisite: Grades 10, 11, and 12. Teacher recommendation.

Two Semesters

Credit: 1 Unit

Course No: 061301 / 061303

### **CCP Honors Spanish IV (Spanish 102)**

This advanced level course is offered to students who have successfully completed Spanish III or Honors Spanish III with a B average or better and have a teacher recommendation. Emphasis is given to exclusive use of Spanish in class. There is an emphasis on developing communication skills focusing on writing and speaking, in order to prepare students for advanced study at the university level through discussions, and readings of literary and historical material. Students will use a variety of technology tools to master their understanding. They will continue to develop their writing skills through weekly journal assignments.



## **Honors French V**

Independent Study.

Prerequisite: Teacher recommendation.

Two Semesters

Credit: 1 Unit

Course No: 062501

## **Latin I**

This course is an introduction to the Latin language, history and culture of ancient Rome, with particular focus on the cities of Pompeii and Alexandria. Language structures are learned by the reading method. Grammatical features in this course include morphology of nouns, active verbs in four tenses and two moods, adjectives, pronouns, dependent clauses, and participles. Emphasis is on basic vocabulary, translation, and comprehension as a preparation for the ultimate goal of reading classical Latin literature.

Two Semesters

Credit: 1 Unit

Course No: 063101

## **Latin II and H Latin II**

During the first semester of this course, the reading and comprehension skills developed in Latin I are reinforced and expanded. The historic and cultural focus will be Roman Britain and life in the city of Rome. New grammar includes dependent subjunctive clauses, passive verbs, indirect statements, gerunds, and gerundives. During the second semester, students will begin the transition to unadapted Latin readings.

Prerequisite: Teacher recommendation

Latin II Two Semesters

Credit: 1 Unit

Course No: 063202

H Latin II Two Semesters

Credit: 1 Unit

Course No: 063203

## **CCP Honors Latin III (Latin 101) and CCP Honors Latin IV (Latin 102)**

Honors Latin III and Honors Latin IV are advanced courses in Latin language and literature. Grammar and vocabulary are reviewed and extended. Literature content alternates from year to year. Prose readings may include selections from Phaedrus, Eutropius, Caesar, Sallust, Cicero, Pliny, or Livy; poetry readings include selections from Ovid, Vergil, Catullus, Martial and Horace.

Advanced College Credit (CCP) Honors Latin III students may earn college credits. CCP Honors Latin IV students may earn additional college credits. To receive CCP, students must meet eligibility criteria, complete course requirements, and pay tuition according to the policies and procedures established by Mount Union University. Families are responsible for this cost. CCP credits transfer to many universities. Check with each university regarding their policies regarding transfer credits.

CCP Honors Latin III Two Semesters

Credit: 1 Unit

Course No: 063301

CCP Honors Latin IV Two Semesters

Credit: 1 Unit

Course No: 063401

## **Italian I**

Beginning Italian is an introductory course for freshmen, sophomore and junior students. The emphasis is on understanding and speaking the Italian language. It aims to help learners use Italian effectively in situations they may encounter whether on a visit to Italy or when meeting Italians in this country. Students will learn basic vocabulary and structure of the language and will practice it in class and in homework assignments. Grammar and vocabulary will be introduced through the use of a textbook, workbook, oral presentation, directed reading and writing assignments as well as through the use of technology, such as the iPad and Smartboard. The culture and customs of the Italian people will be informally presented.

Two Semesters

Credit: 1 Unit

Course No: 064101

## **Italian II and H Italian II**

Building on the structures learned in Italian I, continual emphasis in class is given to understanding and speaking Italian. Grammar and common usage vocabulary will be expanded and reinforced through reading, writing, listening and assignments, as well as through the use of technology. Additional emphasis is placed on reading about cultural and contemporary people and events. Honors Italian II will further expand new and previous learned concepts at a faster pace.

Prerequisite: Teacher recommendation is required for the honors sections.

Italian II Two Semesters

Credit: 1 Unit

Course No: 064202

H Italian II Two Semesters

Credit: 1 Unit

Course No: 064203

### **Italian III / CCP H Italian III (Italian 101)**

This course is designed to reinforce previous concepts and expand on them. Students are expected to develop reading, writing, speaking and listening skills and demonstrate higher proficiency levels especially in oral presentations, more complex sentence structures and use of new terminology. Students will also expand their cultural knowledge through reading authentic material, website searches, short stories and present-day Italian material. They will improve their writing skills through guided activities and paragraphs. Italian is used in class for discussions and grammar explanations. To enroll in Italian III, a student must have a teacher recommendation and demonstrate an understanding of Italian I and II contents. The honors course involves a faster pace, more challenging assignments and requirements. The student must have a teacher recommendation based on grade, work ethic and participation in Italian II.

CCP Italian III may earn three college credits for the second semester. To receive CCP students must meet eligibility criteria, complete course requirements, and pay tuition according to the policies and procedure established by Mount Union University. Families are responsible for this cost. CCP transfer to many universities. Check with each university regarding their policies on transfer credits.

Prerequisite: Teacher recommendation

Two Semesters

Credit: 1 Unit

Course No: 064303, 064304, 064305

### **H Italian IV / CCP H Italian IV (Italian 102)**

This advanced course is offered to students that have successfully completed Italian III or Honors Italian III with a grade of B or higher and have received a teacher recommendation. Students will continue to develop their linguistic skills and focus on reading more complex texts, writing longer compositions and papers, and create cultural presentations at higher proficiency levels. Emphasis is given to more complex grammar structures and civilizations topics. Italian is solely used in class.

College Credit Plus (CCP) credit is available per semester for CCP Honors Italian IV students. To receive CCP, students must meet eligibility criteria, complete course requirements, and pay tuition according to the policies and procedures established by Mount Union University. Families are responsible for this cost. CCP credits transfer to many universities. Check with each university regarding their policy on transfer credits.

Prerequisite: Italian III, H Italian III or CCP H Italian III and Teacher recommendation

Two Semesters

Credit: 1 Unit

Course No:064401, 064306

## **The Health and Physical Education Department**

The Health and Physical Education Department is an integral part of the total educational program and philosophical framework of Archbishop Hoban High School.

Realizing that education in modern society considers the total development of the individual and that all responses involve the whole human mechanism, the challenge of the Health and Physical Education Department is to provide each student with the learning experiences necessary to develop those understandings, values, and skills which will contribute to overall physical fitness and health.

The quality of an individual's life is dependent on the ability to make choices that are beneficial to oneself and others. It is essential that each individual be able to make these choices in the areas of personal health and physical well-being. The Health and Physical Education Department has as its primary objective the education of the student so that these lifetime choices can be made successfully.

Archbishop Hoban High School communicates a conscious realization that the center of life is the person of Jesus Christ and the expression of His life through His teachings. The Health and Physical Education Department incorporates the Christian Philosophy and Holy Cross Values in the instructional objectives and personal realizations encouraged through its program.

Both Hoban and the State of Ohio require ½ unit of Health. Students may apply for a Physical Education Waiver or complete 2 - ¼ units of Physical Education (two semesters) for graduation. Students complete the Health requirement and, if the Waiver is not completed ¼ unit of the Physical Education requirement is in the 9th Grade. We suggest that the remaining ¼ unit of Physical Education credit be completed in the 10<sup>th</sup> Grade.



**Self-Defense for Women:** This class will focus on the development of female empowerment through the acquisition of self-defense knowledge and techniques. Resources for the course include the SEPS Women's Self Defense Program and the Women Empowered Self-Defense Course. Approximately 50% of the class time will be dedicated to discussion and practice of the online course content, and 50% practice of the physical skills needed to escape a dangerous situation. This is a nine-week (one quarter) course. This course is an elective, it does not replace a student's physical education requirement.

\*Because of some mature content that will be addressed, parental permission is required for students to enroll in this course.

One Semester (Grade 10-12)

Credit: 1/2 Unit

Course No: 070910

### **The Visual Arts Department**

Recognizing the diversity of the Archbishop Hoban High School student body, the Art Department provides all students, including the artistically inexperienced and the very sophisticated, opportunities to discover themselves, as well as the society and culture, through studies in artistic techniques, methods, concepts, and histories of the various visual arts.

Through all of these studies, whether individual or communal, all students are encouraged to bring to their work personal interests and experiences. In becoming aware of this personal subject matter, while relating it both to the materials of the Masters and their peers, the students are encouraged to discover and develop unique subject matter and means of expression. All such activities are intended to foster the growth of the intellectual curiosity and creative sensitivity necessary for a full, satisfying, and Christian life.

The Art Curriculum is designed to encourage and develop the students' skills and personal growth. To these ends, its goals include experiences in drawing, painting, sculpture, ceramics, and printmaking—while stressing art history, criticism, aesthetics, and the compositional elements and principles of art and design. Students use technology, including iPads, digital video editing software, and design and photo-manipulation programs to advance their understanding of how to create and interpret visual art and discover contemporary methods of creative problem solving in real world applications.

#### **Beginning Art**

Open to all students wishing an introduction to the concepts and techniques of creating visual art, this course provides a solid basis for further development and study. It builds skills in art production, develops knowledge of art history, creates sensitivity toward art criticism, and cultivates aesthetic appreciation. Students develop individual tastes, insights, and attitudes about art and its reflection of society as producers and consumers of art.

Fee: \$50.00 per semester.

One Semester

Credit: ½ Unit

Course No: 080601

#### **Studio Art**

This course is designed for those students with an interest in further study of visual art beyond Beginning Art. Students develop technical skill in various media as well as creative problem solving skills. Projects emphasize the use of 2-D and 3-D design in the making of expressive artworks.

Prerequisite: Beginning Art, portfolio review, or teacher recommendation.

Fee: \$50.00 per semester.

One Semester

Credit: ½ Unit

Course No: 080605

### **Painting**

This course is an introduction to the material and subject matter of painting at an advanced level. Students study and practice the application of opaque and transparent painting media, including acrylics and watercolors. Emphasis is directed toward technical quality, color theory, composition, paint handling, construction, and personal expression. Areas of historical study stress the emergence of the modern era in art and the work of 20<sup>th</sup> century artists. Although not necessary, students are encouraged to take this course prior to Advanced Fine Arts or AP Studio Art.

Prerequisite: Studio Art.

Fee: \$50.00 per semester.

One Semester

Credit: ½ Unit

Course No: 080616

### **Drawing**

This course provides students with an advanced, in-depth study of drawing. Utilizing a range of techniques, both traditional and unconventional media are introduced. Observational drawing is emphasized, as well as additional development in perspective and compositional elements, while incorporating student-centered choices for subject matter. The history of art is examined and assessed as it pertains to trends and movements in the drawing field. This course is highly recommended for students considering Advanced Fine Arts or AP Studio Art.

Prerequisite: Studio Art.

Fee: \$50.00 per semester.

One Semester

Credit: ½ Unit

Course No: 080617

### **Ceramics**

This course is an introduction into 3-D work focused in the ceramic (clay) medium. Students use clay to construct functional and sculptural objects, with the predominant focus on hand building, with some work on the pottery wheel. Along with building techniques, students learn about firing and surface treatments, including textures and glazes. Students also learn about the historical and the current use of the ceramic medium through the course of ceramic works throughout history.

Prerequisite: Studio Art.

Fee: \$50.00 per semester.

One Semester

Credit: ½ Unit

Course No: 080614

### **Advanced Ceramics**

Prerequisite: Ceramics

Fee: \$50.00 per semester.

One Semester

Credit: ½ Unit

Course No: ?????

### **Honors Studio Art**

This is a two-semester course for the advanced art student interested in further study in art. Students complete twelve (12) paintings and drawings that demonstrate their breadth in technical skill. The class is guided by the syllabus of the Advanced Placement College Board Studio Art: Drawing course. It is a requirement for AP Studio Art.

Prerequisites: Registration for this course requires a pre-class meeting for summer assignments.

Studio Art and a portfolio review. Painting and/or Drawing are recommended.

Fee: \$50.00 per semester.

Two Semesters

Credit: 1 Unit

Course No: 080626

**AP Studio Art: Drawing**

This course follows the syllabus of the Advanced Placement College Board Studio Art: Drawing course. Students complete paintings and drawings that demonstrate their ability to show a concentration within a theme. This is in addition of breadth pieces completed in Honors Studio Art. Students are encouraged to turn in a portfolio in May for review by the College Board for potential college credit.

Prerequisites: Registration for this course requires a pre-class meeting for summer assignments.

Honors Studio Art and a portfolio review. Painting and/or Drawing recommended.

Fee: \$50.00 per semester.

Two Semesters

Credit: 1 Unit

Course No: 080610

**Digital Imaging**

Digital Imaging is for students interested in learning how to use digital media as a mode of communication and expression. The history of photography and design is studied and assessed in terms of techniques and trends, as well as the impact on contemporary culture. Students use programs such as Adobe Photoshop and Illustrator. Projects are guided, although subject matter and project concepts are often developed by students.

Prerequisite: Studio Art.

Fee: \$50.00 per semester.

One Semester

Credit: ½ Unit

Course No: 080609

**Digital Photography**

This course is for students interested in exploring fine art photography. Students learn about manual camera functions, compositional techniques, image adjustment and manipulation in Photoshop and the history of photography. Throughout the semester students will maintain a personal blog on which they will display completed projects.

Prerequisite: Digital Imaging.

Fee: \$50.00 per semester.

One Semester

Credit: ½ Unit

Course No: 080621

**Advanced Digital Photography**

This course is for students interested in pursuing advanced camera functions, Photoshop editing skills and artistic concept development in a self-directed studio environment. Students will collaborate with peers in the creation, editing and critical analysis of photo-based artworks. Advanced Digital Photography students are strongly encouraged to take the AP Studio Art 2D Design exam at the conclusion of the course.

Prerequisite: Digital Photography.

Fee: \$50.00 per semester.

One Semester

Credit: ½ Unit

Course No: 080627

**Video Production**

In this course students learn to write, film, direct, edit, and act in their own video productions. The history of film is used to teach foundational concepts and develop an appreciation for master works. Each day students produce daily video announcements for the school.

Prerequisite: Studio Art.

Fee: \$50.00 per semester.

One Semester

Credit: ½ Unit

Course No: 080622

**Advanced Video Production**

This course is for students interested in advanced knowledge and experience with videography. An emphasis is placed on digital portfolio development through the creation of sophisticated videos. Students create personal and community-based projects. Each day students produce daily video announcements for the school.

Prerequisite: Video Production

Fee: \$50.00 per semester.

One Semester

Credit: ½ Unit

Course No: 080623

### **Graphic Design**

Students use the Adobe Creative Suite to learn design skills that allow them to manipulate digital images in creating complex graphics suitable for print or web. The lessons are centered on the fundamentals of graphic design, typography, and illustration. The combination of text and images to create dynamic, colorful, and eye-catching publications is at the core of each project.

Prerequisite: Digital Imaging.

Fee: \$50.00 per semester.

One Semester

Credit: ½ Unit

Course No: 100810

### **Game Design**

Game Design is an introduction to the concepts and techniques of creating video games. Students use programs such as GameSalad, Photoshop and Illustrator to create games for mobile devices and computers. This course builds skill in character design and interactive gaming. The history of video games is assessed in terms of graphics, trends and interactivity.

Prerequisite: Digital Imaging

Fee: \$50.00 per semester.

One Semester

Credit: ½ Unit

Course No: 100811

### **Fine Arts Mentorship**

Students enroll in this Educational Option to earn credit through attending performances, exhibits, etc. or by working with a mentor on an arts-related project. Students study and write about what they have learned. All arrangements must be made with the mentor. A maximum of ½ credit may be earned each semester.

Independent Study

Credit: ¼ Unit

Course No: 080611

Independent Study

Credit: ½ Unit

Course No: 080612

## **The Performing Arts Department**

For students with interest in music performance or the dramatic arts, the Performing Arts Program is designed to increase individual ability while providing opportunities for public solo and ensemble performances. The performing arts program enlivens the cultural life of the Hoban community.

The music and drama courses may satisfy the admission requirement at many universities for a unit in visual and performing arts. Some extracurricular time commitment is necessary for performances in both the music and drama programs, but the benefits are extensive.

All participants in performing ensembles are expected to perform at the Winter and Spring Fine Arts Festivals, and in the annual Ohio Solo and Ensemble Contest held in late January or early February.

**Beginning Steel Drum Ensemble**

This course is open to any student wishing to learn to play in a steel drum band. The focus on the ensemble is correct performance techniques on the drums, reading music and playing in an ensemble. The ensemble will perform a winter and spring concert, with other opportunity potentials during the school year. No previous musical experience is necessary. Students are required to purchase a shirt for performances.

Two Semesters

Credit: 1 Unit

Course No: 090614

**Intermediate Steel Drum Ensemble**

This course is open to students who have played at least one year in the Beginning Steel Drum Ensemble. Students will continue refining music reading skills and learn to play a higher level of literature as an ensemble. The Intermediate ensemble will perform a winter and spring concert, with other opportunity potentials during the school year. Students are required to purchase a shirt for performances.

Two Semesters

Credit: 1 Unit

Course No: 090622

**Honors Steel Drum Ensemble**

The focus of Honors Steel Drum is to learn and perform higher-level steel drum literature as an ensemble. Throughout the year, students will perform at local events in addition to the Winter and Spring Fine Arts Fest. Out of state trips may also be included.

Prerequisite: Teacher recommendation

Two Semesters

Credit: 1 Unit

Course No: 090626

**Choir**

This course is for entry level vocalists with little to no previous choral experience. The class will focus on voice quality, reading music, sight reading, intonation, and overall development of musicianship. Students will be exposed to a wide variety of musical styles and genres, but will focus primarily on light classical, pop, and jazz styles. Students will be expected to perform for Fine Arts Festivals and at various venues throughout the year. Attendance is required for all rehearsals and after-school performances, which count as a major portion of the grade.

Two Semesters

Credit: 1 Unit

Course No: 090623

**Drama**

This course is designed to give students a general knowledge of theatre arts by exposing them to many aspects of the medium. The class concentrates on the general study of theatre as an art form including basic stage terminology, theatre history, acting, improvisation and the creative process.

One Semester

Credit: ½ Unit

Course No: 090630

**Advanced Drama**

This course continues the general study of theatre arts started in the Drama class by exploring the analysis of plays, critical response to performance, technical theatre instruction and developing a production with the guidance of the theatre director.

Prerequisite: Drama or instructor approval

One Semester

Credit: ½ Unit

Course No: 090635

**Introduction to Theater Tech**

Dramatic productions require more than a script and actors to perform. This course will introduce students to stage management, the art and craft of designing and creating sets, lighting and sound.

One Semester

Credit: ½ Unit

Course No: 090636

## **Pre-Engineering**

Pre-Engineering classes do not satisfy either a science or a mathematics requirement.

### **Pre-Engineering I**

This course will provide students with exposure to four primary disciplines of engineering: chemical, civil, electrical, and mechanical. Students will learn about each discipline through a combination of projects, research, and presentations that complement their mathematical and scientific coursework. A primary focus of the Pre-Engineering I course will be to further develop problem solving skills with an attention to detail and analysis of the practicality of the results achieved. Students will write and solve systems of equations. Familiarity with trigonometric functions is required. Professional aspects of engineering and collegiate educational requirements will be explored.

Prerequisite: A grade of B or higher in Geometry and Intermediate Algebra, or a recommendation of the Geometry teacher.

One Semester (Grades 10, 11, 12)

Credit: ½ Unit

Course No: 040850

### **Pre-Engineering II**

This pre-engineering course will introduce students to the tools of engineering. Students will be exposed to Arduino microprocessors. They will create 2 and 3 Dimensional drawings using computer software, create and analyze simple experimental statistical designs, participate on project teams to complete smaller projects and a major class project. Students will utilize the technology of the Hoban Innovation Center.

Prerequisite: Completion of Pre-Engineering I with a grade of C or higher, or permission of the Instructor. Completion of or current enrollment in Physics and Pre-Calculus or more advanced math class is required.

One Semester (Grades 11, 12)

Credit: ½ Unit

Course No: 040852

### **Pre-Engineering III**

Pre-engineering III is an independent study course that is designed to be completed outside of the normal school day. Students will be matched to a Sponsor company that will expose a student to a meaningful, hands-on, engineering experience. It requires intense commitment by the student to meet with the Sponsor after school and/or on Saturday. On-time meeting attendance is critical to a passing grade. Biweekly status reports and an end of semester report are required. This is a pass/fail course.

Prerequisite: Completion of Pre-Engineering II with a grade of C or higher, or current enrollment in Pre-Engineering II, or Permission of the Instructor. Completion of or current enrollment in Physics and Pre-Calculus or more advanced math class is required

One Semester (Grades 11, 12)

Credit: 1/4 Unit

Course No: 040854

## **Alternative Courses**

### **Leadership**

This course is designed to help students understand that by connecting with others they can lead and influence through personal power, not positional power. Students will learn how if relationships are done well, others will be attracted to follow, they will not be forced to do so. Techniques of embracing and casting a vision, setting priorities, team building, leading change and strategic planning will be developed.

Prerequisite: Completion of the Thursday, Early Start, Personal Leadership Course

One Semester

Credit: ½ Unit

Course No: 110901

### **Computer Science I**

The goal of Computer Science is to develop in students the computational thinking practices of algorithm development, problem solving, and programming techniques within the context of problems relevant to the lives of students. This first course is designed to introduce students to the breadth of computer science through an exploration of engaging and accessible topics, focusing on the conceptual ideas of computing, helping students understand why certain tools or languages might be utilized to solve problems. This covers topics such as human and computer interaction, data collection and analysis, basics of HTML and CSS, and the beginnings of computer programming. The class will also explore the ethical and moral values with technological use in our world today.

One Semester (Grades 10, 11, 12)

Credit: ½ Unit

Course No: 110902

## **Computer Science II**

The second semester will continue with the foundations of computer science and basic programming, with an emphasis on helping students develop logical thinking and problem solving skills. Once students complete the course, they will have learned material equivalent to a semester college introductory course in Computer Science and will be able to program in JavaScript. Students will also take part in a semester long research project where they will develop an understanding of an area of computer science that seems most interesting to them.

Prerequisite: Computer Science I  
One Semester (Grades 10, 11, 12)

Credit: ½ Unit

Course No: 110903

## **AP Computer Science Principles**

AP Computer Science Principles offers a multidisciplinary approach to learning the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. AP Computer Science Principles also gives students the opportunity to use current technologies to create computational artifacts for both self-expression and problem solving. Together, these aspects of the course make up a rigorous and rich curriculum that aims to broaden participation in computer science.

Prerequisite: Computer Science II  
Two Semesters (Grades 11, 12)

Credit: ½ Unit

Course No: 110905

## **Cybersecurity**

Working in a safe virtual learning environment in which students are able to simulate cybersecurity scenarios, students gain understanding of cybersecurity through basic foundations and principles of informational technology, networking, ethical hacking, cryptography, and careers.

The virtual learning environment is provided by the NICERC Cyber Range (<https://www.uscyberrange.org>)

One Semester (Grades 11, 12)

Credit: ½ Unit

Course No: 110906

## **Online, asynchronous CCP classes offered by Walsh University**

### **SOC 101 T1:Principles of Sociology 3 sem. hrs. (Spring 2022)**

Introduction to basic concepts and major orientations in sociology and systematic study of group behavior and human social relationships. Major topics include the nature, content, and change of culture; the socialization process and the development of self; the nature and change of social institutions; and an analysis of major social processes. Final grade must be C or better. Offered fall and spring semesters.

One Semester

Credit: 1 Unit

Course No: 110909