



## Program of Studies

2026 – 2027

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## HISTORY AND POLICIES

### HISTORY

Archbishop Carroll High School was founded in 1961. It is named after Archbishop John Carroll, the first resident bishop in the United States. It is a four-year, coeducational, Catholic high school serving Dayton and its suburbs, including Beavercreek, Bellbrook, Centerville, Fairborn, Huber Heights, Kettering, Riverside, Vandalia, Xenia, Yellow Springs, and Wright-Patterson Air Force Base. Archbishop Carroll High School is accredited by the Department of Education, the State of Ohio and the Ohio Catholic Schools Accreditation Association.

### SCHOOL YEAR

The 180-day school year is divided into two semesters. Each semester is divided into two 9-week quarters. Credit is earned based on the semester grade. The semester grade is determined by adding 40% of the quarter one grade, 40% of the quarter two grade, and 20% of the final exam grade. Archbishop Carroll High School is a traditional four-year high school. **Archbishop Carroll High School does not offer early graduation.**

### GRADUATION REQUIREMENTS

1. **Course Completion:** Students must successfully complete a minimum of 23 course credits. These credits must include:

Religion	½ credit each semester at Archbishop Carroll High School
English	4 credits
Mathematics	4 credits <sup>1</sup>
Science	3 credits <sup>2</sup>
Social Studies	3 credits <sup>3</sup>
Fine Arts	1 credit
Computer Science	½ credit <sup>4</sup>
Financial Literacy	½ credit <sup>5</sup>
Health	½ credit <sup>4</sup>
Physical Education	½ credit <sup>4</sup>

<sup>1</sup> Mathematics credits must include one credit of Algebra II or the equivalent of Algebra II

<sup>2</sup> Science credits must include one credit of Physical Sciences, one credit of Life Sciences, and one credit of advanced study

<sup>3</sup> Social Studies credits must include ½ credit of World History, ½ credit of US History and ½ credit of Government

<sup>4</sup> Recommended to be completed by the end of junior year

<sup>5</sup> The Financial Literacy requirement can be met by taking either Personal Finance, Honors Personal Finance, or AP Macroeconomics.

2. **Competency Demonstration:** Students must earn a competent score of at least 684 on the Ohio High School Algebra I and English II tests. Students who do not demonstrate competency on the test will be offered additional support and must retake the test at least once. If unable to demonstrate competency on the test, the following options could replace this requirement: enlist in the military, earn a “remediation free” score on the ACT/SAT in the area needed, or earn college credit for a course in the needed area of Mathematics or English.
3. **Readiness Demonstration:** Students must earn at least two seals with one being defined as an Ohio seal.
  - a. Citizenship Seal (Ohio) – earn a score of proficient or higher on both the US History and Government EOCE or a “B” or higher in US History and Government. Students are allowed to mix and match test scores and grades.
  - b. College-Ready Seal (Ohio) – earn a remediation free score on the ACT or SAT
  - c. Community Service Seal (Local) – complete 160 hours of community service documented in Carroll’s community service tracking system over four years in high school by May of senior year
  - d. Honors Diploma Seal (Ohio) – To earn an Ohio Diploma with Honors, a student must meet general graduation requirements and complete all seven requirements outlined below:
    1. Fourth unit of Mathematics must be above Algebra II
    2. Earn one additional unit of Advanced Science

3. Earn one additional unit of Social Studies
4. Earn three sequential units of one World Language or no less than two sequential units of two World Languages
5. Maintain an overall unweighted grade point average of at least 3.5 on a 4.0 scale
6. Obtain at least a composite super score of 27 on the ACT or at least a combined super score of 1280 on the SAT
7. Earn two additional diploma seals (four in total), not including Honors Diploma Seal
 

*Students may substitute a Student Strength Demonstration for requirements 4, 5, or 6. Student Strength Demonstrations include completing 12 semester hours of College Credit Plus coursework or completing 3 AP exams with a 3 or higher score.*

- e. Military Seal (Ohio) – provide enlistment paperwork (DD Form 4) to your counselor, provide evidence student accepted scholarship for ROTC, or appointment into a United States Military Service Academy
- f. Science Seal (Ohio) – earn a score of proficient or higher on the Biology EOCE or a “B” or higher in an Advanced Science course (*all third-year Science courses at Carroll*)
- g. Seal of Biliteracy (Ohio) – meet the requirements and criteria, including proficiency requirements on assessments in a World Language and English II
- h. Student Engagement Seal (Local) – participate in four activities (Carroll athletics or clubs) over your four years in high school with meaningful participation (participating in a sport or club for all four years would count as four activities)
- i. Technology Seal (Ohio) – complete one of the following course sequences:
  - i. Applied Technology I and Applied Technology II
  - ii. Computer Applications/Computer Science/Honors Computer Science and Honors Engineering Topics/Programming/Web Development/AP Computer Science
  - iii. Woods I and Woods II

#### **GRADING SCALE**

Letter Grade	Percentage Grading Scale	Unweighted Quality Points	Weighted Quality Points
A	90 – 100	4.0	5.0
B	80 – 89	3.0	4.0
C	70 – 79	2.0	3.0
D	65 – 69	1.0	2.0
F	0 – 64	0.0	0.0
I	Incomplete	0.0	0.0
P	Passing	N/A	N/A

#### **CLASS RANK**

In fairness to all of our students, Archbishop Carroll High School chooses not to rank students. As a norm, rank will not be reported to colleges. Many of our students have been unfairly penalized for attending a highly competitive high school. Factors in generating the estimate are grades, the degree of difficulty of the course, and the credit value of the course. Two GPA's are reported to colleges. A GPA based upon a 4.0 maximum and a weighted GPA that awards an extra point for Honors, most College Credit Plus, and Advanced Placement courses.

#### **INDIVIDUAL INSTRUCTION**

Individual Instruction provides academic support to students on an Individual Education Plan (IEP). Students are taught the strategies needed to become independent, successful learners by using remediation techniques adapted to their perceptual strengths and weaknesses. A formal evaluation is required to substantiate eligibility for this credited course.

#### **COURSE LEVELS**

The Archbishop Carroll High School curriculum offers courses on six levels of difficulty:

- College Prep (CP) and Scholarship (CP) courses are designed to increase motivation and competence in course work. Ability-level materials are chosen to stress interpretation and transfer of understandings.
- Accelerated (AC) courses are courses requiring a higher level of competency than college prep. The application of acquired knowledge is a focus at this level.

- Honors (H) courses require students to work at a more sophisticated level and to demonstrate a high degree of self-motivation. Course materials and activities demand a high level of comprehension, as well as proficiency in writing and other basic skills. Grades earned in Honors courses are weighted and become part of a student's weighted grade point average.
- Advanced Placement (AP) and College Credit Plus (DC AP) courses are equal in difficulty to those of college freshmen. The course designs assume that students have highly developed skills, as well as maturity in thought and purpose. They are intended to focus on depth and quality rather than breadth and quantity of work. Advanced Placement examinations can be taken to acquire college credit. Grades earned in Advanced Placement and College Credit Plus courses are weighted and become part of a student's weighted grade point average.

#### **ADVANCED PLACEMENT COURSES**

Advanced Placement (AP) courses offer students the opportunity to take college-level studies. Upon completion of an AP course, students may take the nationally administered examination in May. Depending on their performance on the examination, students may receive college credit hours for each examination. At this time, AP courses are offered in the following areas at Archbishop Carroll High School:

Biology	English Lang/Composition	Macroeconomics	Spanish Language & Culture
Calculus AB	English Lit/Composition	Music Theory	Statistics
Calculus BC	Government	Physics	Studio Art 2-D Design
Chemistry	Human Geography	Pre-Calculus	Studio Art Drawing
Computer Science Principles	Latin	Psychology	U.S. History

Parents should recognize the challenging nature of these college level courses and provide support and direction for the student. Taking an AP course does not guarantee that a student will receive a passing grade on the College Board AP exam. The College Board charges a fee for each AP exam taken by a student.

#### **COLLEGE CREDIT PLUS**

Eligible students can take courses and earn high school and college credit that appears on both their high school and college transcripts. All courses offered through College Credit Plus—even courses offered in the high school—will be the same course that the college offers. College credit is fully transferable to other public Ohio schools and credit transferability is at the discretion of private and out of state schools. Students can take courses off Carroll's campus with the following guidelines:

- Students receive no reduction in Carroll tuition when taking CCP courses.
- For students attending in-person CCP course(s), students must attend at least three classes a day and must be here for Family Time, Religion class and Mass. Students could be off campus before or after Family (for example, excused from periods one through three or periods four through seven).
- Students who do not successfully complete in-person class(es) or students who withdraw from in-person class(es) will be removed from part-time student status.
- For students taking online CCP course(s) only, students are required to take at least 5 courses at Archbishop Carroll High School and be here throughout the school day. A second Study Hall will be allowed to provide time for them to work on their CCP courses.
- Financial obligations at colleges/universities are the responsibility of the student.
- Students may apply for state funding through the Ohio Department of Education.
- Students must be enrolled in a minimum of 2.5 high school credits per semester (example: three high school courses worth  $\frac{1}{2}$  each and at least one CCP course worth a minimum of three semester hours).

Archbishop Carroll High School has been fortunate to partner with Sinclair College. The courses listed below are currently offered at Archbishop Carroll High School. The course descriptions are marked with Sinclair College's icon. Note: There may be an additional fee for enrollment, at the discretion of Sinclair College.

English Composition I	ENG 1101	3 semester hours	Sinclair College 
Introduction to Literature	LIT 2220	3 semester hours	
Web Development & Design	CIS 1350	3 semester hours	

## **STEM CLASSES**

STEM education is both the mastery and integration of Science, Technology, Engineering, and Mathematics. It incorporates scientific inquiry and technological design through student-focused, project-based curricula to develop skills of communication, teamwork/collaboration, creativity/innovation, critical thinking, and problem solving. All of Carroll's Science courses incorporate aspects of this philosophy but courses that have a specific STEM designation are listed and marked with the following icon:



### **Mathematics Courses**

AP Calculus AB  
AP Calculus BC  
AP Statistics  
Honors Engineering & Robotics Topics

### **Science Courses**

AP Biology  
AP Chemistry  
AP Physics I  
Microbiology  
Honors Physics II

### **Industrial Technology**

Applied Technology I  
Applied Technology II  
  
**Computer Science**  
Programming  
Web Development & Design  
AP Computer Science Principles

## **EDUCATIONAL OPTIONS**

- Credits from accredited summer school programs are accepted both for courses failed and additional courses. With administrative approval, courses taken outside of Archbishop Carroll High School are applied to graduation credits but do not count in GPA.
- If a student is in academic difficulty (in danger of not graduating in four years due to multiple failures) the student may be given permission to take a correspondence course through an outside accredited program approved by the Counseling Department.
- With complete teacher discretion as well as administration approval, an independent study may be available for students. An independent study differs from a traditional high school class in that it will be self-taught by the student with minimal guidance from a teacher. An independent study is scheduled as one of the student's seven periods. It is a class already taught at Carroll that does not fit in the student's schedule due to a scheduling conflict. The student will receive credit for the course, as well as a letter grade, but the course will not be factored into one's GPA. To be successful in an independent study, the student will need to be especially responsible, motivated, and able to hold themselves accountable to get work done.

## **NCAA ELIGIBLE CLASSES**

If you wish to participate in NCAA Division I or II athletics, you need to be certified by the NCAA Eligibility Center. A student becomes certified by acquiring 16 credits in the core subject areas and earning a required core GPA. Only certain courses count towards that certification. Please see your counselor for complete details. These courses are marked with the following icon:



## **SCHEDULING**

The master schedule is based upon students' initial course requests and teacher recommendations. It is important for students to follow recommendations and pre-requisites for courses. Students requesting courses without proper recommendation will need to meet with Director of Academic Development to sign an affidavit. A student may change their course requests up to the end of the fourth quarter. After the end of the fourth quarter, student schedules are finalized. The procedure for a change of course after should be for academic reasons and is as follows:

1. 1st semester requests may be made starting at 9:00 a.m. on schedule pick up day and ending at the published date before school begins.
2. 2nd semester requests may be made starting prior to the end of the quarter. Notification for the start and end window for schedule change requests will be communicated to the students.
3. Forms must be completed and turned into the Director of Academic Development in the main office.
4. If the change is not approved, student and parent/guardian will be informed.
5. If approved, the counselors will see if the change is possible. If the change is not possible due to scheduling conflicts, student and parent/guardian will be informed.
6. Schedule changes will be completed as quickly as possible.

7. Fees of \$100 may apply.
8. Any level changes after the first quarter begins should come from teachers to the Director of Academic Development.

## **STUDY HALL or STUDY SKILLS**

- Students do not earn a grade or credit for a Study Hall.
- Only with administrative approval may a student take more than one Study Hall per semester.
- In an effort to help freshman transition into high school, Freshman Study Skills is a course that is imbedded inside of first semester ninth grade study hall. Instruction typically takes place twice a week and the course is worth  $\frac{1}{4}$  of a credit on a pass/fail basis. Examples of some of the topics that are covered are goal setting, organization, reading skills, note-taking, test taking tips, and final exam preparation.

## RELIGIOUS STUDIES

Religion is the **heart** of Archbishop Carroll High School's educational program. Courses in the Religion curriculum are designed to give the student a strong foundation in Catholic Faith. Eight semester courses, freshman through senior year, expose the student to the roots of our Catholic Faith, its origins and development, and its relevance and application to contemporary living and faith issues. Elective courses invite the student to Christian service or to the study of other major world religions.

## INTRODUCTION TO CATHOLICISM

Grade 9 Level CP 1 semester  $\frac{1}{2}$  credit

*Prerequisite: Must be non-Catholic and in a Catholic school for the first time. This course replaces Catholic Faith and Practice.* This course will help new students to better understand the basics of Catholicism, its rituals, sacred texts, beliefs, and morals. A significant amount of this course will be spent learning the sacred stories of the Old and New Testaments and introducing the Catholic approach to scripture, sacraments, and the importance of prayer in their lives and learning to pray using different liturgical and meditative forms. Moving at a slower pace than other religion classes, this course is designed to help students to more seamlessly adapt to life in a Catholic school.

## CATHOLIC FAITH AND PRACTICE

Grade 9 Level CP 1 semester  $\frac{1}{2}$  credit

*Prerequisite: Must be Catholic or previously attended a Catholic school.*

This course will help new students to better understand the basics of Catholicism, its rituals, sacred texts, beliefs, and morals. Introduction to the Catholic approach to scripture, sacraments, and the importance of prayer in their lives. Students will learn to pray using different liturgical and meditative forms.

## OLD TESTAMENT

*Prerequisite: None*

The purpose of this course is to give students a general knowledge and appreciation of Sacred Scripture. Through their study of the Bible they will come to encounter the living Word of God, Jesus Christ. Students will learn about the Bible, how it was formed, and how to read it. Students will be introduced to important stories in Salvation History, from Abraham through the prophets, and how these stories point to the coming of our savior, Jesus Christ, as proclaimed in the gospel accounts. While much of the content of this course will be from the Old Testament, this material will be examined through the prism of the life, teachings, death and resurrection of Jesus Christ, as revealed in the Gospels.

## NEW TESTAMENT

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Grade 10                    Level CP                    1 semester                     $\frac{1}{2}$  credit

*Prerequisite: None*

This course introduces students to a deeper knowledge and appreciation of the New Testament witness of Jesus Christ. Students will become familiar with the books and major sections of the New Testament, concentrating on the Gospels. A contextualist approach guided by the teaching and tradition of the Church is used to interpret the New Testament. Students will reflect on the central teaching of the Church which states the dignity of the human person is rooted in the belief that all

people are created in the image and likeness of God. Students will be empowered and encouraged to live as disciples of Jesus Christ.

### **CHRISTIAN MORALITY (Our Life in Christ)**

Grade 10                   Level CP                   1 semester                   ½ credit

*Prerequisite: None*

This course provides a theological, philosophical, and scriptural framework for living a life as a disciple of Jesus Christ in the modern world. Students will grow in understanding of the foundational principles of morality that stem from Natural Law, Scripture, and Sacred Tradition and apply these principles to modern moral problems. Students will grow in self-understanding of the ways that they, personally, make moral decisions and be challenged to think through moral problems logically and prayerfully. Participants will learn about the importance of properly forming one's conscience in light of Catholic moral teachings.

### **SACRAMENTAL LIVING**

Grade 11                   Level CP                   1 semester                   ½ credit

*Prerequisite: None*

This course will explore both the rich tradition within the Catholic Church for bringing the Gospel into the societies in which we live and the deep connection between the seven Sacraments and the Church's social teachings. Drawing upon the wisdom of the prophets of the Old Testament, the example of Jesus in the Gospels, a long history of social encyclicals and church documents, and an understanding of what it means to live a sacramental life, this course will challenge students to find ways to live as disciples in the modern world. It will emphasize how the Sacraments call us to action and cultivate a conscience that is informed by faith and committed to living out the virtues of justice and charity.

### **LEADERS AND LEGENDS OF THE CATHOLIC CHURCH**

Grade 11                   Level CP                   1 semester                   ½ credit

*Prerequisite: None*

Using the teaching of Jesus Christ as its framework, students will examine various movements and leaders in Church history from the lens of Christian Leadership. Students will see how various periods of world or Church history gave rise to new models of leadership within the Church. Students will learn from the examples of martyrs, apologists, contemplatives, diplomats, and doctors of the Church, as well as from contemporary Catholic leaders. Through an in-depth study of Vatican II and its documents, and through writing of recent Church leaders, students will be challenged to look at their own leadership gifts and styles, and be challenged to find ways at Carroll and beyond to use their gifts for the greater good of the Church and the world.

### **VOCATIONS: RESPONDING TO GOD'S CALL**

Grade 12                   Level CP                   1 semester                   ½ credit

*Prerequisite: None*

Grounded in Gospel teachings, the meaning of Christian love underlies this entire course. Through reading, class discussion and special assignments, students will be guided to a clearer understanding of themselves and of those with whom they relate. Students will strengthen skills which identify and deal with factors that affect their relationships with family, friends, and associates. This course focuses on Christian living in the contemporary world. It helps students to better their relationships as single, religious or married persons. Since it is in the family that we first define our identity and our relationships to others, the importance of family life within the Christian context will be stressed.

## **SENIOR ELECTIVES**

### **WORLD RELIGIONS**

Grade 12                   Level CP                   1 semester                   ½ credit

*Prerequisite: None*

The World Religions course surveys the major religious traditions active in the world today. It attempts to promote compassion and community with all people in the spirit of the teachings of Vatican II, which encourages dialogue and

**NCAA**

½ credit

understanding between Catholics and other people of faith. This course will examine sacred space, time, writings, beliefs and practices, history and other important elements of each of the world's major religions. Each religion's characteristics and beliefs will be analyzed through the lens of Catholicism and the person of Jesus Christ.

### **PRAYER & SPIRITUALITY**

Grade 12                    Level CP                    1 semester                     $\frac{1}{2}$  credit

*Prerequisite: None*

This course will examine how prayer has been understood and practiced throughout two thousand years of Catholic Christianity. Prayer will be studied as an essential means to growth in self-knowledge, one's relationship to God, and strengthening believers to bring Gospel-centered values into our world as disciple of Christ. The course will include a variety of prayer experiences incorporating (but not limited to) different ways to pray – such as music and prayer, meditative prayer, and silent prayer. While prayer experiences of other major world religions might be examined, all prayer experiences will be rooted in Jesus Christ. There will be an emphasis in the hope, wisdom, and guidance Christ gives to us in a world in crisis.

### **FAITH-IN-ACTION**

Grade 12                    Level CP                    Summer                     $\frac{1}{2}$  credit

*Prerequisite: None*

It is our hope that study and reflection on the Faith bears fruit in faithful deeds. This course provides a structured opportunity for students to act upon their Christian faith. Forty hours of service in one community service setting is required. Periodic class meetings, conducted outside of the school day, are scheduled and must be attended. These class meetings help the student by giving direction, allowing for reflection, and giving support. The course includes academic assignments in addition to the required hours of service. If a student has not returned a contract and begun service hours by midterm, the student will be required to withdraw. *There is a course fee for this summer program.*

### **MISSION DAYTON**

Grade 12                    Level CP                    Summer                     $\frac{1}{2}$  credit

*Prerequisite: Department Approval*

Mission Dayton attempts to integrate what students have learned in their Peace and Justice class with a real-world service-learning experience. In this six-day program students perform between 30-40 hours of service and reflect on that experience in light of scripture and Church teachings. Students are engaged in discussions on justice issues, prayer, journaling, and simulation activities on contemporary issues. Space in Mission Dayton is limited. The program is traditionally held in Dayton. Students involved in this program must be able to meet numerous academic requirements, including assigned reading, written assignments, and a theological reflection paper. Students must apply for and be accepted into this program. Teacher recommendations, discipline history, attendance history, and the application itself are all used to determine acceptance in the program. Details about Mission Dayton will be available in February. *There is a course fee for this summer program.*

### **JUNIOR RETREAT**

So that students may have a special opportunity for spiritual growth, and to show how such growth merits an investment of time and treasure, Archbishop Carroll High School requires an overnight retreat of all juniors. Within the framework of Christian faith and worship, retreat activities focus on self-appraisal, openness to others, and community building within the junior class. Retreats are scheduled throughout the year. Students leave Archbishop Carroll High School by bus on Sunday afternoon and return on Monday afternoon. Details of time, place, and other important specifics are published in a letter to the parents before the time of the actual retreats. Junior Retreat attendance is required for graduation.

### **SENIOR RETREAT**

PATS (Praying and Thinking Spiritually) is a two-night retreat, led by a team of Archbishop Carroll High School seniors and adults. The PATS retreat focuses on in-depth experiences through prayer, small group time, and student talks. The purpose of the retreat is to help the individual senior develop a resilient spirituality suited to the challenges of adulthood. Students who transfer into Archbishop Carroll High School after their junior year are strongly encouraged to make the senior retreat. Senior Retreat attendance is required for graduation.

## **BUSINESS**

The Business Department offers a wide variety of elective courses that benefit students from both collegiate and personal standpoints. Since the business world is constantly changing, courses are designed to keep students aware of recent developments. Using current technology and timely resources, students will learn practical, job-related skills they can put to work immediately and continue to use throughout their lives. The courses are open to all students, not just those who plan business as a career. Any student considering business as a college major is encouraged to take Introduction to Business.

### **INTRODUCTION TO ACCOUNTING**

Grade 11 or 12                   Level CP                   1 semester                   ½ credit

*Prerequisite: None*

This course is designed to provide a basic background of business terms, procedures, and financial statements in all three types of businesses. Automated accounting procedures are integrated with manual exercises to reinforce and apply practical accounting skills.

### **INTRODUCTION TO BUSINESS**

Grade 10, 11, or 12                   Level CP                   1 semester                   ½ credit

*Prerequisite: None*

This course will introduce students to such business concepts as entrepreneurship, accounting, and marketing skills relevant to today's global economy. Students who take Introduction to Business may appreciate an exploration of these basic business topics.

### **PERSONAL FINANCE**

Grade 11 or 12                   Level CP                   1 semester                   ½ credit

*Prerequisite: None*

Prepare for your future by learning how to manage your personal finances. This course introduces topics such as budgeting, banking, saving, prices, credit, online shopping, etc. *A special course fee of \$30.00 will be charged.*

### **HONORS PERSONAL FINANCE**

Grade 11 or 12                   Level H                   1 semester                   ½ credit

*Prerequisite: Completion of or currently enrolled in Scholarship Algebra II and 3.0 GPA*

Prepare for your future by learning how to manage your personal finances. Learn about and play the stock market, as well as simulate practical banking activities. *A special course fee of \$30.00 will be charged.*

## **COMPUTER SCIENCE**

Computer technology is changing the way Americans manage their business, formal studies, homes, and recreation. Advancing students' understanding of the principles and practices of computing is critical to developing a more competitive workforce of the 21st Century. We believe every student should achieve a basic level of computer skills at Archbishop Carroll High School. In addition to encouraging the use of the computer as a tool in other courses, the Computer Science Department offers a variety of formal computer courses. Students have hands-on use of computer-based instruction giving students the experience and technical skills necessary to be successful in the new millennium.

### **COMPUTER APPLICATIONS**

Grade 9 or 10	Level CP	1 semester	$\frac{1}{2}$ credit
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*Prerequisite: None*

*This course will satisfy the graduation requirement for earning  $\frac{1}{2}$  credit in Computer Science.*

Students will explore computer skills and applications needed on a personal, school/college, and career level. The focus of this course is to provide project and skills associated with Google Suite applications (including: Gmail, Drive, Docs, Slides, Sheets, Sites and Search) as well as applications for creating projects with professional formatting. Students will utilize computers and technology to increase efficiency, communication and organization. Students will expand their knowledge of hardware and software terminology as well as emerging technologies. Students will explore online security fundamentals including cybersecurity.

#### **COMPUTER SCIENCE PRINCIPLES**

Grade 9, 10, 11 or 12	Level CP	1 semester	$\frac{1}{2}$ credit
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*Prerequisite: None*

*This course will satisfy the graduation requirement for earning  $\frac{1}{2}$  credit in Computer Science.*

This course is for students who have average keyboarding and computer skills. Students will develop or improve their knowledge of documents, spreadsheets, and presentation software. This course introduces students to the central ideas of computer science. Students will investigate the innovations that computing has made possible and examine ethical implication of new computing technologies.

#### **HONORS COMPUTER SCIENCE PRINCIPLES**

Grade 9, 10, or 11	Level H	1 semester	$\frac{1}{2}$ credit
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*Prerequisite: Honors Math program*

*This course will satisfy the graduation requirement for earning  $\frac{1}{2}$  credit in Computer Science.*

*Honors Math students are encouraged to enroll in this course.*

This course introduces students to the central ideas of computer science, instilling the ideas and practices of computational thinking and inviting students to understand how computing changes the world. The course focuses on using technology as a means to solve computational problems. Students will investigate the innovations that computing has made possible and examine ethical implications of new computing technologies. The course is organized around the investigation of seven big ideas developed by the AP Computer Science curriculum. By the end of the course the students will create one of the two required performance tasks, which require students to explore the impacts of computing.

#### **ONLINE COMPUTER SCIENCE PRINCIPLES**

Grade 10 or 11	Level CP	Summer	$\frac{1}{2}$ credit
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*Prerequisite: None*

*This course will satisfy the graduation requirement for earning  $\frac{1}{2}$  credit in Computer Science.*

This course is for students who have average keyboarding and computer skills. Students will develop or improve their knowledge of documents, spreadsheets, and presentation software. This course introduces students to the central ideas of computer science. Students will investigate the innovations that computing has made possible and examine ethical implication of new computing technologies. To participate in this course, students **must** have daily access to the Internet. Each student is required to spend a minimum of 60 hours (independently) to fulfill the minimum course requirements. All course requirements and grades are available on an Online Learning Management System (Blackboard is currently being used). Note: The course will appear on Family Portal in the following Fall semester.

#### **ONLINE HONORS COMPUTER SCIENCE PRINCIPLES**

Grade 10 or 11	Level H	Summer	$\frac{1}{2}$ credit
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*Prerequisite: Honors Math Program*

*This course will satisfy the graduation requirement for earning  $\frac{1}{2}$  credit in Computer Science.*

*Honors Math students are encouraged to enroll in this course.*

This course introduces students to the central ideas of computer science, instilling the ideas and practices of computational thinking and inviting students to understand how computing changes the world. The course focuses on using technology as a means to solve computational problems. Students will investigate the innovations that computing has made possible and examine ethical implications of new computing technologies. The course is organized around the investigation of seven big ideas developed by the AP Computer Science curriculum. By the end of the course the students will create one of the two required performance tasks, which require students to explore the impacts of computing. To participate in this course, students **must** have daily access to the Internet. Each student is required to spend a minimum of 60 hours (independently) to fulfill the minimum course requirements. All course requirements and grades are available on an Online Learning Management System (Blackboard is currently being used). Note: The course will appear on Family Portal in the following Fall semester.

### **AP COMPUTER SCIENCE PRINCIPLES**



Grade 10, 11, or 12      Level AP      1 semester       $\frac{1}{2}$  credit

*Prerequisite: Completion of Honors Computer Science Principles with at least a "C" or Honors Engineering Topics, or Statistics or teacher recommendation*

This course will capture important aspects of the work that a computer scientist engages in at the level of competence expected of the AP Computer Science Principles student. The students will develop computational artifacts and analyze data, information, and knowledge represented for computational use. Students will learn to collaborate to build computation artifacts and communicate their purpose. By the end of the course the students will create the required performance task, which require students to create computations artifacts though programming. This course will prepare students for the Computer Science Principles Advanced Placement test. This course could also count as  $\frac{1}{2}$  credit of mathematics.

### **WEB DEVELOPMENT & DESIGN CCP**



Grade 10, 11, or 12      Level DC AP      1 semester      1 credit

*Prerequisite: Computer Science Principles and completion of Scholarship Geometry with a "B" or above or teacher recommendation*

Students will learn to apply best practices for web design and create sites that enhance the usability and interactivity of the pages using HTML HyperText Markup Language (HTML) a widely used technology to create and display content on the web. HTML is the primary language used for creating web pages including basic text formatting, linking between pages and adding images and other media.

### **PROGRAMMING**



Grade 10, 11, or 12      Level AC      1 semester       $\frac{1}{2}$  credit

*Prerequisite: Computer Applications or Computer Science Principles and completion of Algebra 1 with a "C" or above*

This course introduces students to the principles of programming. This course provides a thorough introduction to programming concepts and emphasizes logic, object-oriented programming, and design. Students will develop problem solving skills, including loops and selection statements. Students will also have the opportunity to apply the syntax of programming languages and properly document programs as well as design simple computer animations and computer games.

### **ENGLISH**

The English curriculum presents a rigorous and balanced program in reading, writing, speaking and listening, and language. We offer a literature program which provides extensive and varied preparation opportunities and materials for State assessments as well as College and Career Readiness Standards in English Language Arts. We encourage students to be excellent communicators and lifelong learners. We offer a strong tradition of grammar, vocabulary, composition, speech, and classical and contemporary literature in the six levels of difficulty (see page 2 for explanation of difficulty).

#### **REQUIREMENTS AND RECOMMENDATIONS:**

- All courses will include reading, writing, and speaking activities.
- Students are required to enroll in at least one English course each semester.
- To move to a higher course in the regular sequence, a student must earn an "A" with teacher recommendation.

## COLLEGE PREP

### ENGLISH I 101/102

Grade 9                    Level CP                    2 semesters

**NCAA**  
1 credit

*Prerequisite: Recommendation from Counseling Department*

*Summer reading will be required. A reading list will be published in May.*

This course will focus on traditional grammar and composition skills aimed at strengthening students' writing proficiency. Parts of speech, sentence structure, and punctuation will be emphasized. Students will practice writing descriptive, narrative, and expository essays. Non-fiction selections and vocabulary study will also be included. Students will study elements of fiction as they read short stories, narrative poetry, a Shakespearean drama, and novels. Students will also continue to practice essay writing in the context of literature. It is the goal of the department for these students to move to Classic Literature & Writing by junior year.

### ENGLISH II 201/202

Grade 10                    Level CP                    2 semesters

**NCAA**  
1 credit

*Prerequisite: None*

*Summer reading will be required. A reading list will be published in May.*

Students will study a selection of short stories, poetry, mythology, and novels. Students will study basic grammar, sentence and paragraph structure, and vocabulary. As an aid to logical organization of thought in writing, students will employ the entire writing process (outline, rough draft, final draft) in order to produce well-written essays. It is the goal of the department for these students to move to Classic Literature and Writing by junior year.

### ENGLISH III 301/302

Grade 11                    Level CP                    2 semesters

**NCAA**  
1 credit

*Prerequisite: None*

*Summer reading will be required. A reading list will be published in May.*

Students will read, discuss, and write about literature. Throughout the course various novels will be used. Various writing assignments will allow students to express their thoughts on the literary aspects of the work, the story itself, and how the events experienced in the work apply to their lives. Continued emphasis will be placed on expanding the student's vocabulary and on the writing process (outline, rough draft, final draft).

### ENGLISH IV 401/402

Grade 12                    Level AC                    2 semesters

**NCAA**  
1 credit

*Prerequisite: None*

*Summer reading will be required. A reading list will be published in May.*

This course will focus on effective reading, writing, and speaking. Students will learn reflexive, analytical, and argumentative writing strategies, incorporating sources and personal experience. They will write multiple drafts as they work toward fluency in style and mechanics. Requirements include an 8-10 page argumentative research paper. In addition, students will explore universal themes in literature by studying a variety of classic, modern, and nonfiction works.

## SCHOLARSHIP





addressing the themes and purposes of the literary works. The students will also write an 8-10 page argumentative research paper applying works of literature to a values question.

## **ELECTIVES**

### **CREATIVE WRITING**

Grade 10, 11, or 12

Level AC

1 semester

**NCAA**

$\frac{1}{2}$  credit

*Prerequisite: None*

This course involves the student in a variety of writing experiences that range from responses to daily prompts to longer pieces of writing that fulfill pre-established rubrics. Both prose and poetic styles are studied and written. Students compile a portfolio of writings to share with the class. Students are also encouraged to submit selections to the school's literary publication, *Write-On*.

### **LENSES OF LITERATURE**

Grade 10, 11, or 12

Level AC

1 semester

**NCAA**

$\frac{1}{2}$  credit

*Prerequisite: None*

Students will analyze a variety of non-book texts, such as movies, music, and art works through a variety of critical lenses. Students will produce projects that analyze these texts through the critical lenses.

### **PUBLIC SPEAKING**

Grade 10, 11, or 12

Level AC

1 semester

**NCAA**

$\frac{1}{2}$  credit

*Prerequisite: None*

This course is designed to improve the student's public speaking techniques, poise, and self-confidence in the following specific areas: persuasive speech, informative speech, demonstration speech, sales speech, and impromptu speech. Each of these speeches will form a unit of the course. A presentation before the class will be part of each unit.

## **FAMILY AND CONSUMER SCIENCE**

Family and Consumer Science courses are designed to prepare the student for basic, lifelong, daily living tasks, to provide the student with background for certain college programs, or to develop the student's personal interests. A lab fee will be charged in the food's classes.

### **CHILD DEVELOPMENT**

Grade 9, 10, 11, or 12

Level CP

1 semester

$\frac{1}{2}$  credit

*Prerequisite: None*

This course provides students with a comprehensive understanding of the physical, emotional, social, and cognitive growth of children from conception through school age. The course covers major developmental milestones, including prenatal development, labor and birth, and the influences on child growth during the early years. Topics also explore the roles of caregivers, parents, and educators in supporting children's development. Students will engage in hands-on activities to understand child development in different stages. *Students are required to take home the Ready-or-Not Tot for 7 days.*

### **INTRODUCTION TO FASHION & INTERIOR DESIGN**

Grade 9, 10, 11, or 12

Level CP

1 semester

$\frac{1}{2}$  credit

*Prerequisite: None*

This course is for students interested in learning how to use the elements and principles of design to create interior spaces and garments with a focus on aesthetics and function. Throughout this course, students will learn about the interior/fashion design process, from concept to client presentation. Students will show their creativity through hands-on projects as they learn the basics of color and design. Other course topics include, history of fashion and historic homes, upcoming trends, the use of color, garment styles and parts, tiny homes and more! *Students that took Fashion Design and/or Interior Design are not able to take this class.*

### **CHEF'S WORLD**

Grade 9, 10, 11, or 12      Level CP      1 semester       $\frac{1}{2}$  credit

*Prerequisite: None*

This course is for students interested in learning the basics of cooking and nutrition. Students will learn about kitchen safety/sanitation, kitchen utensils, measuring techniques, knife skills and nutrition. Labs will allow students to develop the basic cooking techniques necessary to make fried rice, smoothies, chicken enchiladas, mac and cheese and more! These life skills will prepare students to live independently after high school and is a prerequisite for the advanced culinary classes if they choose to take them. *A special course fee of \$50.00 will be charged.*

#### **GLOBAL GOURMET**

Grade 10, 11, or 12      Level CP      1 semester       $\frac{1}{2}$  credit

*Prerequisite: Chef's World with a "C" or above and Teacher Recommendation*

In this course students will learn advanced culinary techniques to prepare and taste foods from around the world. Students will learn about the history, geography/climate, and agriculture of each country, and how these factors influence the food customs of a culture. Students will make a variety of recipes from each country including breakfast foods, dinners, drinks and desserts. *A special course fee of \$50.00 will be charged.*

#### **CREATIVE BAKING**

Grade 10, 11, or 12      Level CP      1 semester       $\frac{1}{2}$  credit

*Prerequisite: Chef's World with a "C" or above and Teacher Recommendation*

This course will focus on both sweet and savory baking. Students will learn about the function of ingredients in baking and make a variety of recipes using each ingredient. Some recipes include, cinnamon rolls, pizza, pretzels, angel food cake, cream puffs and more! Students will also have the opportunity to get creative and pick their own recipes to make with their group and compete in cake wars, cupcake wars and focaccia bread art competitions. *A special course fee of \$50.00 will be charged.*

### **FINE ARTS**

#### **VISUAL ART**

The purpose of the Course of Study of the Art Department is to ensure a progressive flow of art instruction that is both varied and challenging. The selection of courses is intended to provide instruction for the student wishing to dabble in Art (Digital Photography and/or Ceramics/Sculpture), the student looking for a basic background in art or striving to fulfill the fine arts requirement of many universities (Creative Design and Creative Drawing), and the student choosing to major in Art or desiring further cultural enrichment. Students wanting to major in Art will be required to purchase an Art supply kit.

#### **CREATIVE DRAWING**

Grade 9 or 10      Level CP      1 semester       $\frac{1}{2}$  credit

*Prerequisite: None*

This course is for the student who wants to learn how to draw or improve their doodling skills. A variety of media will be explored including pencil, charcoal, ink, pastels, and digital art. An emphasis will be placed on the elements of design. This class is great for the beginning artist. *A special course fee of \$50.00 will be charged.*

#### **CREATIVE DESIGN**

Grade 9 or 10      Level CP      1 semester       $\frac{1}{2}$  credit

*Prerequisite: None*

This course will help the beginning artist expand their creative talents in new and exciting ways. A variety of media will be explored including painting, printmaking, drawing, computers and more. The principles of design will be emphasized. *A special course fee of \$50.00 will be charged.*

#### **STUDIO ART I**

Grade 10, 11, or 12      Level CP      1 semester       $\frac{1}{2}$  credit

*Prerequisite: Creative Design, Creative Drawing, and teacher recommendation*

This course will improve student confidence in artistic skills and help develop a personal style. A higher level of artistic challenges with materials and subject matter will be explored. Examples are observational and digital drawings, and basic

figure animation manipulation. Elements and principles of design will be emphasized. This class is for the young artist who truly wants a more in-depth art experience. *A special course fee of \$50.00 will be charged.*

#### **STUDIO ART II**

Grade 10, 11, or 12      Level AC      1 semester       $\frac{1}{2}$  credit

*Prerequisite: Creative Drawing, Creative Design, Studio Art I, and teacher recommendation*

This course is for the student wanting to experience more challenging technique and creative ideas. Elements and principles of design are emphasized in this class. Students will get experience with painting, drawing, and Photoshop. *A special course fee of \$50.00 will be charged.*

#### **CERAMICS/SCULPTURE I**

Grade 11 or 12      Level CP      1 semester       $\frac{1}{2}$  credit

*Prerequisite: None*

This course will introduce the student to basic techniques of hand building in pottery and sculpture from various cultures. Simple glazing and sculpture surface finishing will be included. *A special course fee of \$50.00 will be charged.*

#### **CERAMICS/SCULPTURE II**

Grade 11 or 12      Level CP      1 semester       $\frac{1}{2}$  credit

*Prerequisite: 3.0 or above in Ceramics/Sculpture*

This clay course is a continuation of Ceramics/Sculpture I. The student will experience a more challenging variety of subject matter (teapots, vases, animals, etc.) and glazing techniques. *A special course fee of \$50.00 will be charged.*

#### **DIGITAL PHOTOGRAPHY & ART**

Grade 11 or 12      Level CP      1 semester       $\frac{1}{2}$  credit

*Prerequisite: None*

No drawing ability is needed to create computer graphics, manipulate personal photographs, create collages or take artistic photographs. This course engages the student with real-world projects combining the computer and the art of photography. The course will focus on software skills and features for creating the projects using Adobe Photoshop. The student will learn digital techniques: layering, transferring, scanning, merging and applying filters to create exciting new pieces of art from personal photographs. Student projects can include a visual journal manipulating their own photographs, posters, a ceramic tile design, a memory box, a digital zentangle, as well as the fine art of photography. All students will need access to a digital camera. *A special course fee of \$50.00 will be charged.*

#### **ONLINE ART APPRECIATION**

Grade 10, 11, or 12      Level CP      1 semester       $\frac{1}{2}$  credit

*Prerequisite: None*

The overall purpose of this course is to provide the student with a basic understanding and appreciation of the story of art. The course uses the formal elements and principles of design to examine a wide variety of both two and three-dimensional art, utilizing a textbook and PowerPoint reviews. This course will be offered during October-March.

#### **AP STUDIO ART 2-D DESIGN 501/502**

Grade 11 or 12      Level AP      2 semesters      1 credit

*Prerequisite: Teacher recommendation*

This is a four-semester program designed for the highly motivated student who is seriously interested in the study of art. The 2-D Design Portfolio involves demonstrating conscious and deliberate applications of design issues using a variety of forms. Graphic design, digital imaging, photography, collage, fabric design, illustration, typography, weaving, painting and printmaking could qualify as forms used to address design issues. Students will be given the opportunity to submit a portfolio of artwork for evaluation at the end of the course. The College AP Studio Art Board will evaluate the portfolio to determine if freshman college credits are earned. *A special course fee of \$90.00 will be charged.* In addition, the College Board requires a fee for evaluation of portfolio.

#### **AP STUDIO ART DRAWING 601/602**

Grade 12      Level AP      2 semesters      1 credit

*Prerequisite: Teacher recommendation*

This is a program designed for the highly motivated student who is seriously interested in the study of art. The Drawing Portfolio is designed to address a broad interpretation of drawing issues. For example, painting, printmaking, studies for sculpture, some forms of design, abstract, and observational works all would qualify as addressing drawing issues. Students will be given the opportunity to submit a portfolio of artwork for evaluation at the end of the course. The College AP Studio Art Board will evaluate the portfolio to determine if freshman college credits are earned. *A special course fee of \$90.00 will be charged.* In addition, the College Board requires a fee for evaluation of portfolio.

## MUSIC

Music Theory allows interested students opportunities to explore the elements of musical construction. Included is the study of melodic and harmonic notation, musical form and style, music composition, ear training and listening techniques.

### MUSIC THEORY I

Grade 10, 11, or 12      Level CP      1 semester       $\frac{1}{2}$  credit

*Prerequisite: None*

This course begins with the study of the elements of music and progresses to a basic understanding of how music is written and performed. Basic ear training and listening techniques are also introduced.

### MUSIC THEORY II

Grade 10, 11, or 12      Level AC      1 semester       $\frac{1}{2}$  credit

*Prerequisite: Music Theory I or teacher recommendation*

Emphasis is on more advanced musical construction, performance techniques, and ear training.

### AP MUSIC THEORY

Grade 11 or 12      Level AP      1 semester       $\frac{1}{2}$  credit

*Prerequisite: Music Theory II and teacher recommendation*

This course is a continuation of Music Theory II. This class prepares students for the Advanced Placement Music Theory test.

## INSTRUMENTAL MUSIC

Additional rehearsals outside of class time are necessitated with Symphonic Band, as well as individual practice requirements. Students taking Symphonic Band will participate in Marching Band. The only exception to the Marching Band requirement is full participation in an Archbishop Carroll High School fall sport.

### INSTRUMENTAL MUSIC

Grade 9, 10, 11, or 12      Level CP      1 semester       $\frac{1}{2}$  credit

*Prerequisite: None*

This is a course designed to acquaint students, with limited or no prior musical training, to the broad field of instrumental music. Emphasis is placed upon the development of musical performance skills. This will include elementary skill in music

reading and writing through participation and listening. Students will learn to play one or more instruments of their choice. Instrument rental fees may apply. Students may repeat course for credit.

#### **INTRODUCTION TO GUITAR**

Grade 9, 10, 11, or 12      Level CP      1 semester       $\frac{1}{2}$  credit

*Prerequisite: Students must bring their own guitar to each class*

This course allows students of all levels of experience to develop their guitar skills in a group setting. Students will gain an understanding of concepts such as tuning, maintenance, chord structure, and melodic development. Varied styles of music will be performed, and basic music theory will accompany technical development.

#### **CHAMBER STRINGS 101**

Grade 9, 10, 11, or 12      Level CP      1 semester       $\frac{1}{2}$  credit

*Prerequisite: Students must own a violin, viola, cello, or string bass*

This course will give string players, with limited or extensive background, an opportunity to rehearse and perform with others. Students will learn to correctly tune their instruments, discover bowing techniques, and develop an understanding of rhythm and melody. In addition to individual technique, there will be a strong focus on ensemble playing through the exploration of chamber music literature. Students may repeat course for credit.

#### **CHAMBER STRINGS 102**

Grade 9, 10, 11, or 12      Level CP      1 semester       $\frac{1}{2}$  credit

*Prerequisite: Students must own a violin, viola, cello, or string bass. Successful completion of Chamber Strings 101 or approval of Director*

This course will give string players, with limited or extensive background, an opportunity to rehearse and perform with others. Students will learn to correctly tune their instruments, discover bowing techniques, and develop an understanding of rhythm and melody. In addition to individual technique, there will be a strong focus on ensemble playing through the exploration of chamber music literature. Students may repeat course for credit.

#### **SYMPHONIC BAND 101**

Grade 9 or 10      Level CP      1 semester       $\frac{1}{2}$  credit

*Prerequisite: A basic ability on any instrument. (Students with no prior experience will be considered by the Director along with an agreement to study privately.)*

This course enables the less experienced students, as well as the more experienced students, to further develop their basic skills of instrumental technique and musicianship through marching and concert literature. This course will enable students to learn the basics of his or her particular instrument through both the fundamental and more advanced study of scales, arpeggios, rhythmic etudes, and music literature. The course will develop the student's ranges as well as enhance both tone quality and intonation of the individual performer. Outside performances are an integral part of this class. Participation at all performances is mandatory. Students may repeat course for credit.

#### **SYMPHONIC BAND 102**

Grade 9 or 10      Level CP      1 semester       $\frac{1}{2}$  credit

*Prerequisite: Successful completion of first semester of current year band or approval of Director*

This course is a continuation of Symphonic Band. Preparation of a solo or ensemble from the O.M.E.A. contest list is recommended. Solo or ensemble can be replaced with another off-campus performance opportunity.

#### **ADVANCED SYMPHONIC BAND 101**

Grade 11 or 12      Level AC      1 semester       $\frac{1}{2}$  credit

*Prerequisite: Approval of Director*

Advanced Symphonic Band is designed to promote technical ensemble and full band performance through more difficult wind ensemble literature. The student should gain a broader appreciation and understanding of music. Outside performances are an integral part of this class. Participation at all performances is mandatory. Students may repeat course for credit.

#### **ADVANCED SYMPHONIC BAND 102**

Grade 11 or 12      Level AC      1 semester       $\frac{1}{2}$  credit

*Prerequisite: Successful completion of first semester of current year band or approval of Director*

This course is a continuation of Advanced Symphonic Band. Preparation of a solo or ensemble from the O.M.E.A. contest list is recommended. Solo or ensemble can be replaced with another off-campus performance opportunity. Students may repeat course for credit.

### **JAZZ BAND**

Grade 9, 10, 11, or 12      Level CP      After School       $\frac{1}{4}$  credit

*Prerequisite: Acceptance by audition*

This course is designed to allow students, who qualify, the opportunity to raise their skills to a higher level of achievement through the performance of contemporary and jazz literature. This class will meet for two 1.5-hour sessions per week, plus additional practices per arrangement with Director, after the marching band season has been completed. Members are required to remain in the group for the rest of the school year. Jazz band classes are after school enrichment classes. Students may repeat course for credit.

### **MARCHING BAND**

Grade 9, 10, 11, or 12      Level CP      After School       $\frac{1}{4}$  credit

*Prerequisite: None*

This course enables the students to further develop their basic skills of instrumental technique, musicianship, and physical coordination through performance of contemporary literature, accompanied by movement. Students will have multiple performance opportunities, locally, and nationally, in settings of competitions, parades, football games, and concerts. After school rehearsals and weekend performances are mandatory. Students may repeat course for credit. Two completed seasons of Marching Band will fulfill the physical education requirement.

## **HONORS**

The purpose of an honors level band class is to allow students opportunity for additional growth with an in-depth study of musical performance. Honors Band is taught in the second semester of each school year for juniors and seniors. The class meets concurrently with symphonic band; additional out-of-class projects will be required.

### **HONORS SYMPHONIC BAND**

Grade 11 or 12      Level H      1 semester       $\frac{1}{2}$  credit

*Prerequisite: Successful completion of first semester of current year band plus approval of Director*

In addition to performing in the symphonic band, students must complete each of the following: participation in private music study with a qualified teacher (at their own expense). Preparation of a solo piece to be performed at the O.M.E.A. solo and ensemble contest is recommended. Performance in either the Carroll Jazz Band or the basketball Pep Band is expected. Completion of an individual music education research project. A list of project topics is available in the Music Department. Outside performances are an integral part of this class. Participation is mandatory. Students may repeat course for credit.

## **THEATER**

### **THEATER ARTS I**

Grade 9, 10, 11, or 12      Level CP      1 semester       $\frac{1}{2}$  credit

*Prerequisite: None*

In this course the students will participate in pantomimes, improvisations, and stage movements. The course will provide technical knowledge for oral interpretation and acting. It will also provide information on make-up, costumes, and sets. The final project of the course will require the students to prepare and present a dramatic scene to the class.

### **THEATER ARTS II**

Grade 10, 11, or 12      Level CP      1 semester       $\frac{1}{2}$  credit

*Prerequisite: Successful completion of Theater Arts I*

The students in this course will read, discuss, and perform various scenes by established playwrights. Students will be required to research topics on the history of the theater; as well as write, act and produce a one-act play and a full-length play. Students will continue to enhance their knowledge of pantomime, improvisations, stage movement, vocal technique, stagecraft, make-up, and costuming.

### **THEATER ARTS III**

Grade 10, 11, or 12      Level CP      1 semester       $\frac{1}{2}$  credit

*Prerequisite: Successful completion of Theater Arts I and II or Teacher Recommendation*

The students in this course will read, discuss, and perform improvisational acting. Students will be required to participate in improvisational exercises with classmates, and read and reflect upon articles. Improvisational exercises include but are not limited to: building trust, listening, object work, characters, commitment, gift giving, "game", and recognizing patterns.

Students will enhance their listening skills, teamwork, creativity, and critical thinking. Students will be required to participate in a performance.

### **YEARBOOK**

### **YEARBOOK**

Grade 10, 11, or 12      Level CP      1 semester       $\frac{1}{2}$  credit

*Prerequisite: Application Process*

Students will utilize publication design software to create the school yearbook. This class can be taken more than once for credit. Grades are determined on a pass or fail basis.

### **INDUSTRIAL TECHNOLOGY**

Industrial Technology courses are designed to give students a better understanding of our industrial environment and the graphic illustration of ideas. The Industrial Technology program is recommended for college prep students who are interested in pursuing careers in the fields of engineering and design. Other courses are directed toward individual student needs and are open for enrollment to all students. As part of the program, students will use LightBurn software to operate the Thunder Laser and BobCAD software to manage the CNC machine. They will also gain hands-on experience with the Glowforge laser cutter and the Shark CNC machine. In some courses, students will be required to purchase consumable products as well as pay a shop fee.



### **APPLIED TECHNOLOGY I**

Grade 10, 11, or 12      Level CP      1 semester       $\frac{1}{2}$  credit

*Prerequisite: None*

This comprehensive STEM course will focus on the basics of Mechanical Drafting, Computer-Aided Drafting, and Architectural Drafting. This course will teach students how to take an idea from paper to project by using CAD software and CAM. This process will include elements of design, geometric constructions, orthographic projections, dimension standards, pictorial drawings, sectioning, auxiliary views, and 3-D models. This course will benefit students who are considering a career field in engineering, architecture, interior design, or any career that requires blueprint reading such as carpenters, plumbers, electricians, or machinists. A *special course fee of \$30.00 will be charged*.

### **APPLIED TECHNOLOGY II**

Grade 10, 11, or 12      Level CP      1 semester       $\frac{1}{2}$  credit



**Prerequisite: Applied Technology I**

This course is designed to expand on the concepts and projects from Applied Technology I. *A special course fee of \$30.00 will be charged.*

**WOODWORKING I**

Grade 10, 11, or 12      Level CP      1 semester       $\frac{1}{2}$  credit

**Prerequisite: None**

This course will provide students with a fundamental knowledge of woods, woodworking tools, methods and procedures. Some projects will be assigned by the instructor (example: shelf, magazine rack, and plant stand). Students may select other projects. The following topics will be included: general safety practices, types of wood and layout, wood joints and fasteners, gluing and clamping, sanding and finishing, use of power tools (table saw, radial arm saw, jointer, router, drill press), use of hand tools (drills, belt sander, try square, measuring tape), and introduction of CAD/CAM and CNC routing through the use of the Torchmate. Students will pay for materials used to construct additional projects. *A special course fee of \$60.00 will be charged.*

**WOODWORKING II**

Grade 11 or 12      Level CP      1 semester       $\frac{1}{2}$  credit

**Prerequisite: Woodworking I**

This course is similar to Woodworking I except more emphasis will be placed on wood joints and more advanced projects (example: end tables, nightstand, and book case). Students will further their knowledge of the CAD program and Torchmate cutting system. *A special course fee of \$60.00 will be charged.*

**WOODWORKING III**

Grade 11 or 12      Level AC      1 semester       $\frac{1}{2}$  credit

**Prerequisite: Woodworking II**

Students will be required to do individual wood projects and participate in class mass-production projects. Some out-of-class work will be expected. Students will be required to properly operate all power tools and hand power tools and know different wood joints. Students will also be able to operate the CAD program for use of the Torchmate cutting system. *A special course fee of \$60.00 will be charged.*

**HONORS WOODWORKING IV**

Grade 11 or 12      Level H      1 semester       $\frac{1}{2}$  credit

**Prerequisite: Woodworking III**

Students will be required to do individual wood projects and participate in class mass-production projects. Students will be required to properly operate all power tools and hand power tools and know different wood joints. Students will also be able to operate the CAD program for use of the Torchmate cutting system. *A special course fee of \$60.00 will be charged.*

**MATHEMATICS**

A student is assigned to a Mathematics program that best fits the student's ability level and considers previous mathematical experiences and future needs. Algebra I, Geometry, Algebra II/Trigonometry, and Pre-Calculus are offered at several levels, all of which provide college preparatory work. Course levels differ in degree of abstraction, the pace of instruction, and the degree to which a student is expected to work on their own.

Calculators, software, and other technology are necessary for the study of mathematics today. Such tools make important mathematical concepts available to students at earlier ages, make possible the use of real-life data and graphs in realistic problem situations, and facilitate open-ended problem exploration. Software and graphing calculators introduce students to the technology used by professional mathematicians, scientists, and engineers. They enable students to visualize complex mathematical functions. Additionally, graphing calculators may be used by students taking the PSAT, SAT, ACT, AP, and other standardized exams.

Courses marked with  $\infty$  at the end of their name require a graphing calculator. All other courses require a scientific calculator with trigonometry keys (sin, cos, tan), scientific notation, and power and root functions. The graphing calculator recommended by the Mathematics Department is the TI-84+. This calculator is easy to learn to use, durable, and suitable for the content of high school mathematics. It is the model teachers will use for in-class demonstrations. Acceptable substitutes include any of the earlier models: TI-83, TI-83+, and TI-84. Other calculators, although not recommended, may be acceptable for high school use. Please check with your student's mathematics teacher if you are looking into a different model.

## COLLEGE PREP SEQUENCE

ALGEBRA IA 101/102

*Prerequisite: Recommendation from Counseling Department*

First semester topics include solving equations in one variable, solving inequalities in one variable, and basics of functions (notation, function language, graphing, etc.). Second semester topics include the study of functions, and polynomial expressions. *This course has been approved by the **NCAA** for ½ credit.*

## ALGEBRA IB 101/102

Grade 10 Level CP 2 semesters 1 credit

*Prerequisite: Algebra IA*

First semester topics include systems of linear equations and inequalities, polynomial functions, quadratic functions, radical expressions and radical equations. Second semester topics include exponential functions and equations, and statistical modeling. *This course has been approved by the*  *NCAA for ½ credit.*

ALGEBRA I 101/202

*Prerequisite: Recommendation from Counseling Department or teacher recommendation.*

This course emphasizes the underlying structure of the Real Number System and the understanding and application of Algebraic concepts. Topics to be studied include: signed numbers, solution of linear equations in one variable, polynomials, factoring, rational expressions, rectangular coordinate system and graphing, and systems of linear equations.

GEOMETRY 201/202

Grade 10 or 11      Level CP      2 semesters      1 credit

*Prerequisite: Algebra I or Algebra IB*

This course introduces the basic concepts and relationships of geometry. Students learn to use deductive and inductive reasoning and apply postulates and theorems to geometric figures. Topics to be studied include: properties of angles, lines, polygons, ratio and proportion, circles, area, perimeter, coordinate geometry, and volume. Algebra skills are reinforced throughout the course.

ALGEBRA II/TRIG 301/302  $\infty$

Grade 11 or 12      Level CP      2 semesters      1 credit

### Prerequisite: Geometry

This course extends concepts and skills learned in first year Algebra, especially equation solving and graphing. Topics to be studied include: linear equations, quadratic and higher order polynomials, complex numbers, systems of equations, graphing, and trigonometry.

FINITE MATH 401/402  $\infty$

Grade 11 or 12      Level CP      2 semesters      1 credit

*Prerequisite: Algebra II/Trig or teacher recommendation.*

This course will explore various applications of mathematics in the social, finance, health, environmental, ext. fields with emphasis on developing informational, technological, logical, and visual reasoning skills. Topics from numeracy, probability and statistics, finance, mathematical modeling with linear, statistical, and exponential functions, and other areas of mathematics will be covered. This course will also incorporate hands-on technological experiences with mathematical correlations to real world situations.

## SCHOLARSHIP SEQUENCE

### **SCHOLARSHIP ALGEBRA I 101/102**

Grade 9                    Level CP                    2 semesters

**NCAA**

1 credit

*Prerequisite: Recommendation from Counseling Department*

The first semester of this course covers properties of real numbers, functions, solutions of linear equations in one variable, and the Cartesian coordinate system, along with graphing. Many types of problems are explored, with emphasis on developing equations to express relationships between variable quantities, performing correct solution procedures, and clearly expressing conclusions. The second semester covers linear inequalities, systems of linear equations and inequalities, rational exponents, polynomials and factoring, and radical expressions. Statistics and probability topics will be included, as time permits.

### **SCHOLARSHIP GEOMETRY 201/202**

Grade 9 or 10            Level CP                    2 semesters

**NCAA**

1 credit

*Prerequisite: Scholarship Algebra I or teacher recommendation*

First semester of this course includes the study of angles, lines, and polygons. Students are led to an appreciation of the need for mathematical proof and will learn to construct original proofs of various types. Second semester topics include circles, right triangles, ratio and proportion, area, perimeter, volume, and coordinate geometry. *A special course fee of \$25.00 will be charged.*

### **SCHOLARSHIP ALGEBRA II/TRIG 301/302** ∞

Grade 10, 11, or 12            Level AC                    2 semesters

**NCAA**

1 credit

*Prerequisite: Scholarship Algebra I and Scholarship Geometry with a "C" or above or teacher recommendation*

This course extends concepts and skills learned in first year algebra, especially equation-solving and graphing. Semester one topics include: linear equations and linear systems, quadratics and higher order polynomials, complex numbers, and rational exponents. Semester two topics include: right triangle trigonometry, the unit circle, and graphing trigonometric functions. Additionally, logarithmic and exponential functions are explored.

### **SCHOLARSHIP PRE-CALCULUS 401/402** ∞

Grade 11 or 12            Level AC                    2 semesters

**NCAA**

1 credit

*Prerequisite: "C" or above in Scholarship Algebra II/Trig or teacher recommendation*

This course prepares students for the study of calculus. Algebra and geometry are integrated with new topics by an approach which stresses analytic geometry, the concept of function, and the axiomatic structure of algebra. Students are introduced to the standard language and symbols of college math. First semester topics include algebra of functions, graphing techniques, polynomials, exponential and logarithmic functions, and sequences and series. Second semester topics include periodic functions, trigonometry, polar coordinates, and conic sections.

### **HONORS CALCULUS 501/502** ∞

Grade 12                    Level H                    2 semesters

**NCAA**

1 credit

*Prerequisite: Scholarship Pre-Calculus or teacher recommendation*

This course will cover an introduction to differential calculus. First semester topics include limits, derivatives, and applications of differentiation. Second-semester topics will focus on integration and applications of integration. Large emphasis will be placed on applications of calculus to a variety of fields.

## HONORS SEQUENCE

### **HONORS ALGEBRA 101/102** ∞

Grade 9                    Level H                    2 semesters

**NCAA**

1 credit

*Prerequisite: Recommendation from Counseling Department*

This challenging course covers the solution of linear equations and inequalities in one variable. Problems of many types are explored with emphasis on collection and analysis of data, choice of efficient solution procedures, and clear presentation of results. Topics to be studied include: the real number system, matrices, introductory set theory, statistics, formulas, analytic geometry, quadratic equations and graphs, functions, systems of equations and inequalities, exponents and radicals, polynomials and factoring, proportion and rational expressions. Rectangular coordinate system and graphing are stressed throughout the course.

**HONORS GEOMETRY 201/202**  $\infty$

Grade 9 or 10      Level H      2 semesters

**NCAA**

1 credit

*Prerequisite: A full year of Algebra I in 8<sup>th</sup> grade and teacher recommendation or "C" or above in Honors Algebra I*

This challenging course covers mathematical reasoning and proof, angles, polygons, reflections, transformations, congruence, and area and perimeter. Algebra is integrated with geometry. Coordinates and transformations are used in both 2 and 3-dimensions. Other topics covered include surface area, volume, coordinate geometry, similarity, indirect proof, introductory trigonometry, and circles. Applications and problem solving are stressed. *A special course fee of \$20.00 will be charged.*

**HONORS ALGEBRA II/TRIG 301/302**  $\infty$

Grade 10 or 11      Level H      2 semesters

**NCAA**

1 credit

*Prerequisite: "C" or above in Honors Geometry*

This fast-paced course stresses algebraic computational techniques and problem-solving skills. Topics to be studied include linear equations and inequalities, relations and functions, graphing, systems of equations and inequalities, polynomials, factoring, rational expressions, complex and irrational numbers, quadratic equations and functions, conic sections, exponential and logarithmic equations, sequences and series, and matrices. Trigonometry topics include angle measure, circular functions, trig graphs, identities, and solution of triangles. Students in this class, as well as all honors classes, are expected to work at a sophisticated level and to demonstrate a high degree of self-motivation. Honors course materials and activities demand a high level of comprehension and proficiency in mathematical communication, problem-solving and other basic skills.

**AP PRE-CALCULUS 401/402**  $\infty$

Grade 11 or 12      Level AP      2 semesters

**NCAA**

1 credit

*Prerequisite: "C" or above in Honors Algebra II/Trig*

Advanced Placement Precalculus involves the exploration of everyday situations using mathematical tools and lenses. Students will develop an understanding of modeling and functions, and examine scenarios through multiple representations. The course framework outlines content and skills needed for mathematics, physics, biology, health science, social science, and data science careers. AP Precalculus is equivalent to a college precalculus course or a college algebra with trigonometry course. In the first semester, students will study polynomial, rational, exponential, and logarithmic functions. Second-semester topics include trigonometric and polar functions, as well as functions involving parameters, vectors, matrices, and an introduction to limits. Students will prepare for the College Board AP Precalculus exam.

**AP CALCULUS AB 501/502**  $\infty$

Grade 11 or 12      Level AP      2 semesters



**NCAA**

1 credit

*Prerequisite: "C" or above in Honors Algebra II/Trig and AP Pre-Calculus.*

This course covers the normal content of a first-semester college course in calculus, stressing both traditional techniques and technology-intensive problem-solving methods. Students will prepare for the College Board Calculus AB Advanced Placement. Students will study limits, the slope of a curve, and the formal definition of a derivative. First semester topics include differentiation formulas, implicit differentiation, applications of the derivative, including related rates and optimization problems, and curve sketching. The second semester covers the definite and indefinite integral, applications of integration, and differential equations. Practical applications to physics, biology and economics are included.

**AP CALCULUS BC 501/502**  $\infty$

Grade 11 or 12      Level AP      2 semesters



**NCAA**

1 credit

*Prerequisite: Unweighted 3.5 or above in Honors Algebra II/Trig and AP Pre-Calculus.*

This course covers the normal content of the first and second semester calculus college courses in stressing both traditional techniques and technology-intensive problem-solving methods. Students will prepare for the College Board Calculus BC Advanced Placement. The College Board Calculus BC student score includes a Calculus AB sub-score. After a review of limits, the first semester topics include the formal definition of a derivative, differentiation formulas, implicit differentiation, applications of the derivative, including related rates and optimization problems, curve sketching, and the definite and

indefinite integral. The second semester covers applications of integration, differential equations, parametric equations, polar coordinates, vector-valued functions, and infinite sequences and series. Practical applications to physics, biology, and economics are included.

## ELECTIVES



### HONORS ENGINEERING & ROBOTICS TOPICS ∞

Grade 11 or 12      Level H      1 semester       $\frac{1}{2}$  credit

*Prerequisite: "C" or above in Honors Algebra II/Trig or Scholarship Algebra II/Trig with teacher recommendation*

This course will introduce students to robotics and engineering topics. The focus of this course is to introduce students to actual industrial equipment and control devices to give them a better idea of what robotics entails. This course will also provide the opportunity to practice research, modeling, and communication. The scientific and engineering methods for problem solving will be taught. Students will work both in groups and on their own to complete course objectives.



### SCHOLARSHIP STATISTICS & PROBABILITY 101/102

Grade 11 or 12      Level AC      2 semesters

1 credit

*Prerequisite: Successful completion (C avg or better) of Scholarship Algebra 2/Trig or above*

Students will study the mathematics of probability; they will collect, analyze and interpret data; and they will hone skills in communication and presentation of data-driven results. Students will develop critical thinking skills as they encounter real-world data in this Information Age. This course aims to equip students with the skills to make important insights and to make good decisions as consumers and world citizens. Semester 1 topics of study: basic data analysis, including graphical displays, summary statistics, lines of best fit, use of the Normal curve, exponential and power models. Semester 2 topics of study: data collection, including sampling, polls, surveys, observational studies, experiments and simulations; probability basics, including counting strategies, probability rules, Venn and tree diagrams, expected value and binomial probability; inference concepts.



### AP STATISTICS 101/102 ∞

Grade 11 or 12      Level AP      2 semesters



1 credit

*Prerequisite: "C" or above in Honors Algebra 2/Trig or teacher recommendation.*

The AP Statistics course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. There are four themes evident in the content, skills, and assessment in the AP Statistics course: exploring data, sampling and experimentation, probability and simulation, and statistical inference. Students use technology, investigations, problem solving, and writing as they build conceptual understanding. AP Statistics is equivalent to a one-semester, introductory, non-calculus-based college course in statistics (AP Statistics CED, College Board, 2019). This course will prepare students for the AP Statistics Exam.



### AP COMPUTER SCIENCE PRINCIPLES

Grade 10, 11, or 12      Level AP      1 semester

$\frac{1}{2}$  credit

*Prerequisite: Completion of Honors Computer Science Principles with at least a "C" or Honors Engineering Topics, or Statistics or teacher recommendation*

For the course description, please see the AP Computer Science Principles course listed under the Computer Science section. This class would also count as  $\frac{1}{2}$  credit of mathematics.



## PHYSICAL EDUCATION/HEALTH

Each Health and Physical Education course is designed to promote the "total fitness" of the student. We believe a healthy body is essential for physical, mental, social and spiritual growth. Through a variety of activities and lessons, the student is encouraged to develop respect for oneself and others, to assume responsibility for establishing a healthy lifestyle, to strive for excellence in daily tasks, and to appreciate the benefits derived from teamwork and cooperation. The values and outcomes of physical education are realized most fully when the individual has developed an appreciation for movement and physical activity becomes an important element in his/her pattern of daily living. Recognizing the correlation between health and physical education, as well as experiencing athletic and recreational sports become essential for one's commitment to a

physically active lifestyle through adulthood. NOTE: Two semesters of Physical Education should be completed before the end of 11<sup>th</sup> grade. Students are required to have approved Archbishop Carroll High School physical education uniform and proper shoes. The purpose of Health education is to provide a concept of wellness and health that includes the well-being of the body, mind, and relationships with others, as well as to develop respect for one's body, a sense of reverence for all forms and stages of life, and a concern for one's own well-being. It is the intent of the program to develop positive attitudes toward maintaining effective health and to establish holistic health practices. Our focus is on prevention, the practice of healthy behaviors, and avoidance of high-risk type behaviors.

#### **PHYSICAL EDUCATION**

Grade 9, 10, 11, or 12      Level CP      1 semester       $\frac{1}{4}$  credit

*Prerequisite: None*

Students will be taught fundamental principles of outdoor and indoor team and individual games. Team games studied may include soccer, basketball, volleyball, softball, and floor hockey. Individual activities may include archery, badminton, and aerobic and anaerobic activities. Students may repeat course one time.

#### **LIFETIME SPORTS**

Grade 11 or 12      Level CP      1 semester       $\frac{1}{4}$  credit

*Prerequisite: Prior athletic experience (PE course or sport)*

This is an elective course for physically active juniors and seniors. This course will highlight the significance of lifetime physical fitness, leisure time activities and sportsmanship. Lifetime Sports activities will focus on court and field games. Examples of these activities include: ultimate Frisbee, Frisbee golf, badminton, volleyball, ultimate volleyball, 3 on 3 basketball, soccer, archery, team handball, pickle ball, floor hockey, ping pong, corn toss, bocce, horseshoes, and speedball. This class will also stress the importance of performance, sportsmanship, and rules and regulations. Students may repeat course one time.

#### **PHYSICAL EDUCATION EXEMPTION**

In accordance with Ohio Core Legislation passed December 2006, students can earn an exemption from the physical education requirement. A student who participates in interscholastic athletics, marching band, or cheerleading for two full seasons can apply for an exemption to the P.E. requirement. There is no partial exemption. Student must be eligible the entire season. In compliance with Ohio Revised Code, the student shall still be required to earn the required 23 credits.

#### **HEALTH**

Grade 9, 10, 11, or 12      Level CP      1 semester       $\frac{1}{2}$  credit

*Prerequisite: None*

Health education stresses the concept of total-body wellness. It encompasses the physical, mental, and social aspects of human well-being. Health of body, mind, and spirit requires a deep respect for one's own body, right choices to stimulate one's mental quotient, and formulation of guidelines that determine parameters in developing healthy relationships with others. It is the purpose of Archbishop Carroll High School's health education program to help students develop positive attitudes toward a holistic approach to healthful living. Archbishop Carroll High School's health curriculum focuses on the practice of healthy behaviors and the prevention of harmful or high-risk behaviors.

#### **ONLINE HEALTH**

Grade 10, 11, or 12      Level CP      1 semester or Summer       $\frac{1}{2}$  credit

*Prerequisite: None*

This course focuses on favorable health knowledge, attitude, and practices. Health in the sense of personal fitness for a full fruitful, creative, and spiritual living is individual and community-based. To lead a student to the "door" of individual and community-based health may best be enhanced by an education to the general knowledge. This course will be offered two different terms, one in summer and one in October-March. *Summer term has a fee.* Program: Edmentum Online Learning

#### **SCIENCE**

Courses in all of the science programs include laboratory investigations, lecture-discussion sessions, demonstrations, and cooperative learning. The history of science and the current advances in technology are incorporated into each science course along with ethical and environmental issues. Students are required to take three years of science. The freshmen and sophomore courses fulfill the life science and physical science graduation requirements.

#### COLLEGE PREP SEQUENCE

##### **BIOLOGY 101/102**

Grade 9                    Level CP                    2 semesters

**NCAA**

1 credit

*Prerequisite: Recommendation from Counseling Department*

This course is designed to give a basic understanding of the structure and function of living organisms at the cellular level. Topics include the scientific method, safety, metric system, basic biochemistry, cell structure, photosynthesis, cellular respiration, cell division, genetics, evolution, ecology, classification, and the anatomy and physiology of plant and animal systems. Laboratory experiments and written reports are an essential part of this course. *A special course fee of \$25.00 will be charged.*

##### **PHYSICAL SCIENCE 101/102**

Grade 10                    Level CP                    2 semesters

**NCAA**

1 credit

*Prerequisite: Teacher recommendation*

This course introduces selected topics in Chemistry and Physics. Students will engage in expanding their understanding of scientific theories, ethical practices, practical applications, and the relationship between science, technology, and society. Topics explored include the scientific method, science skill, matter, atomic theory, the periodic table, chemical bonding and equations, motion, forces, work, energy and power. Developing scientific inquiry skills through laboratory and computer activities is an integral part of this course. *A special course fee of \$25.00 will be charged.*

##### **EARTH SCIENCE 101/102**

Grade 11 or 12                    Level CP                    2 semesters

**NCAA**

1 credit

*Prerequisite: Two years of Science*

This course will discuss the origin and basic structure of Earth along with a fundamental understanding of meteorology. An examination of chemistry and the rock cycle will help to understand some of the common minerals and rocks of which our planet is made. Many of the forces creating Earth's ever-changing surface will be examined including: weathering, plate tectonics, mountain building, earthquakes, volcanoes, and glaciers. During the study of meteorology, the composition of the atmosphere and how energy, moisture, and winds determine the creation and movement of air masses, fronts and severe weather systems will be investigated. Climate patterns and changes, past and present, will be examined and the impact of human activities on the Earth's systems will be assessed. *A special course fee of \$25.00 will be charged.*

##### **HUMAN BIOLOGY 101/102**

Grade 11 or 12                    Level CP                    2 semesters

**NCAA**

1 credit

*Prerequisite: Two years of science and no previous Anatomy & Physiology coursework*

Students will spend time getting an orientation to the basic anatomy of the body. The main focus of the course will be on human body systems and how they apply to health and wellness. The topics in this course include basic anatomy terminology and positions, the tissues, and muscular, skeletal, nervous, digestive, reproductive, respiratory, lymphatic, cardiovascular, and nervous body systems. The course will also present topics such as nutrition and forensic science. This class is appropriate for students interested in the health and the human body, but not for those interested in medical professions. *A special course fee of \$25.00 will be charged.*

#### SCHOLARSHIP SEQUENCE

**SCHOLARSHIP BIOLOGY 101/102**

Grade 9                   Level CP                   2 semesters

**NCAA**

1 credit

*Prerequisite: Recommendation from Counseling Department*

This course is designed to give a comprehensive understanding of the structure and function of living organisms at the cellular level. Topics include the scientific method, safety, metric system, basic biochemistry, cell structure, photosynthesis, cellular respiration, cell division, genetics, evolution, ecology, classification, and the anatomy and physiology of plant and animal systems. Laboratory experiments and written reports are an essential part of this course. *A special course fee of \$25.00 will be charged.*

**CHEMISTRY 101/102**

Grade 10, 11, or 12           Level CP                   2 semesters

**NCAA**

1 credit

*Prerequisite: Sophomores: 2.5 or above in Scholarship Biology and Scholarship Algebra I or 3.5 or above in Algebra I*

Chemistry is the study of the composition of matter, the changes in composition, and the energy involved in these changes. First semester topics include atomic structure, chemical periodicity, bonding, chemical names and formulas, and chemical and nuclear reactions. Second semester topics covered include chemistry calculations: the mole concept, stoichiometry, thermochemistry, kinetic theory, and gas laws. Laboratory work and written reports are an essential part of the course. *A special course fee of \$25.00 will be charged.*

**PHYSICS I 101/102**

Grade 11 or 12                   Level AC                   2 semesters

**NCAA**

1 credit

*Prerequisite: 2.5 or above in Chemistry I and concurrent enrollment in Sch. Algebra II/Trig or higher level*

Physics is the study of matter and energy and their interdependencies. First semester topics developed will include linear motion, vector addition, projectiles, and dynamics. During the second semester the course continues the study of matter and energy relationships through the examination of energy and work, momentum conservation, and mechanical waves. Equation manipulation, analysis, and problem solving will be emphasized, as well as a solid conceptual understanding of Newtonian Physics. Laboratory investigations are emphasized as a method for understanding applied concepts. *A special course fee of \$25.00 will be charged.*

**HONORS SEQUENCE**

The Honors Program is designed for students with high achievement levels who may be oriented toward a career in the science, engineering, or medical fields. Students are challenged in this level to produce to their maximum potential. **Each student in Honors Biology, Honors Chemistry, and AP Physics I is required to complete an independent pre-college research project and present it at the Archbishop Carroll High School Science Day in February. It is not recommended for students to enroll in two Advanced Placement science courses in the same year.**

**General Qualifications:**

1. Must have at least a 3.5 average in both science and math at the Scholarship level to be considered for the Honors program.
2. Both Honors Chemistry and AP Physics I demand a high competency in math, so it is recommended that the student be taking Honors Math.

**HONORS BIOLOGY 101/102**

Grade 9                   Level H                   2 semesters

**NCAA**

1 credit

*Prerequisite: Recommendation from Counseling Department*

It is recommended that the student be registered in Honors English or Honors Math. This course is designed to give students the opportunity to develop an in-depth knowledge of biological concepts, as well as a more thorough understanding of the scientific process. Topics include the scientific method, safety, metric system, introduction to general inorganic and organic chemistry, cellular structure and organization, photosynthesis, cellular respiration, cell division, genetics, evolution, ecology, classification, and the anatomy and physiology of plant and animal systems. Topics are covered in greater detail than in the

Scholarship Biology course. Learning through laboratory investigations is emphasized. An independent pre-college research project is required. *A special course fee of \$25.00 will be charged.*

### **HONORS CHEMISTRY 101/102**

Grade 10 or 11      Level H      2 semesters       1 credit

*Prerequisite: "C" or above in Honors Biology or teacher recommendation*

This course uses a laboratory approach to develop a more in-depth and mathematical study of chemistry. After review of the scientific method and measurement, the following topics are covered first semester: Lab safety, significant figures and the metric system, matter and its changes, the mole concept, gas laws and atomic structure. Second semester topics covered include periodicity, bonding and nomenclature, VSEPR theory, stoichiometry, thermochemistry, chemical reactions, and acid base theory. Laboratory work is an integral part of this course. An independent pre-college research project is required. *Summer work is required. A special course fee of \$25.00 will be charged.*

### **AP PHYSICS I 101/102**

Grade 11 or 12      Level AP      2 semesters        1 credit

*Prerequisite: "C" or above in prior Honors Science and Math classes, or 3.5 or above in Scholarship classes with teacher recommendation, and concurrent enrollment in Honors Algebra II/Trig or higher*

AP Physics I is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through classroom study, in-class activity, and hands-on, inquiry-based laboratory work as they explore concepts like systems, fields, force interactions, change, and conservation. Topics covered include Newtonian mechanics (including linear and rotational dynamics and angular momentum); work, energy, and power; fluids and simple harmonic motion. An independent pre-college research project is required. *Summer work is required. A special course fee of \$25.00 will be charged.*

### **AP CHEMISTRY 201/202**

Grade 11 or 12      Level AP      2 semesters        1 credits

*Prerequisite: "C" or above in prior Honors Science and Math classes, or 3.5 or above in Scholarship classes with teacher recommendation, and concurrent enrollment in Honors Algebra II/Trig or higher. Physics prerequisite is strongly recommended for this course.*

This course expands upon the concepts presented in Chemistry and Honors Chemistry. By the end of the first semester, students will understand and be able to apply mathematical solutions to problems involving atomic structure and properties, periodicity, nuclear chemistry, making and naming compounds, reactions, stoichiometry and related concepts, thermochemistry, and states of matter and concentration. At the end of the second semester, students will understand and be able to apply mathematical solutions to problems involving chemical equilibria, kinetics, electrochemistry, oxidation and reduction systems, and basic organic and biochemistry. Laboratory investigations and independent study are an integral part of the course. *Summer work is required. A special course fee of \$20.00 will be charged.*

### **AP BIOLOGY 201/202**

Grade 11 or 12      Level AP      2 semesters       1 credits

*Prerequisite: "C" or above in prior Honors Science and Math classes, or 3.5 or above in Scholarship classes with teacher recommendation, and concurrent enrollment in Honors Algebra II/Trig or higher*

This course covers the content of a first-year college course for biology majors. The first semester topics include basic chemistry and biochemistry, cell structure and cell processes, energy transformations in living organisms, and cell communication and cell reproduction. The second semester will cover heredity, molecular inheritance, natural selection, and ecology. Characteristics of the animal kingdom will be introduced throughout each unit studying nutrition, gas exchange, transport, excretion, reproduction, nervous system and immune system response, the endocrine system and

animal behavior. Laboratory investigations and independent study are an integral part of the course. *Summer work is required. A special course fee of \$20.00 will be charged.*

## **ELECTIVES**

### **ECOLOGY**

Grade 11 or 12

Level CP

1 semester



**NCAA**

$\frac{1}{2}$  credit

*Prerequisite: Two years of Science*

This course will present the biotic aspects of an ecosystem. Topics will also include: populations, sustainability, renewable and non-renewable resources, invasive species and climate. The students will develop an understanding of what an ecosystem is and the elements that determine the types and numbers of organisms that live there within their particular biomes. The course will also look at the role humans have had in changing each of these biomes and the impact these changes have had on the world. *A special course fee of \$15.00 will be charged.*

### **ZOOLOGY**

Grade 11 or 12

Level CP

1 semester

**NCAA**

$\frac{1}{2}$  credit

*Prerequisite: Two years of Science*

This course explores the tremendous diversity of animal life and their inter-connectedness of different animal species. The course will explore the classification and characteristics of all the animal phyla, with an emphasis on the evolution of animals and the adaptations that have allowed such diversity to flourish. Covering the major phylums of invertebrates and vertebrates including: sponges, sting cell animals, worms, mollusks, fish, birds, and mammals. This course is appropriate for students that want to go into a branch of animal science or students that want a better understanding of animal science and zoology. *A special course fee of \$15.00 will be charged.*

### **MICROBIOLOGY**

Grade 11 or 12

Level AC

1 semester



**NCAA**

$\frac{1}{2}$  credit

*Prerequisite: 2.5 or above in Sch. Biology and Chemistry; 2.0 or above in Honors Biology or Honors Chemistry*

This course involves the study of microbes, their environments, and their application in today's world. Laboratory work is an essential part of this course as students learn to perform the techniques used in the field of microbiology. This course is designed to help prepare students for biology careers or to increase their awareness of the importance of microorganisms in their lives. *A special course fee of \$15.00 will be charged.*

### **ANATOMY & PHYSIOLOGY 101/102**

Grade 11 or 12

Level AC

2 semesters

**NCAA**

1 credit

*Prerequisite: 2.5 or above in previous Biology and Chemistry and no previous Human Biology coursework*

This course is an in-depth study of the structure and function of the human organ system which starts with a review of the cell and biochemistry and continues with the tissues, skeletal, muscular, cardiovascular, respiratory, lymphatic, digestive and nervous systems. Lab work, both dissection and use of the Vernier probes to measure physiological changes in the body in response to external stimuli, is integral to the course. This course is designed to prepare students for further study of health related or medical careers, but is appropriate and beneficial to any student who desires to better understand the functioning of the human body. *A special course fee of \$25.00 will be charged.*

### **HONORS PHYSICS II 201/202**

Grade 12

Level H

2 semesters



**NCAA**

1 credit

*Prerequisite: Unweighted 2.5 or above in Physics I and teacher recommendation*

This course continues the first-year college course in Physics by examining the topics of mechanical waves, heat, thermodynamics, and electrostatics. Second semester topics include dc circuits, magnetism, optics, and modern physics as well as the completion of an engineering Trebuchet-building project. Topics from Physics I will be integrated into class topics throughout the year. Mathematical competence is expected at the Pre-Calculus level, and laboratory investigations are emphasized as a method for understanding applied concepts. *A special course fee of \$25.00 will be charged.*

## **SOCIAL STUDIES**

Social Studies courses are divided into four main areas. Each area includes courses designed to meet the needs of students with various backgrounds and abilities. In each of these courses certain skills will be stressed, including critical thinking, interpretation of charts, graphs, pictures, maps, cartoons, and statistics relating the past to the present, note taking and outlining, reading comprehension, vocabulary development, understanding cause and effect, and written and oral expressions of ideas. Current technology will also be used to supplement the learning process highlighting the importance of research.

The Social Studies Department requires that Global Studies or Honors Global Studies be taken freshman year, unless students are placed into AP Human Geography on recommendation by the guidance department. Both courses are designed to provide a good foundation in note-taking, outlining, research, and discussion techniques. These skills should assist the student in achieving success in other Social Studies courses. During sophomore year students take US History, Honors US History, or AP US History. During junior year, students take Government, Honors Government, or AP Government. In addition, students are required to complete one semester of a Social Studies elective class.

#### COLLEGE PREP SEQUENCE

##### **GLOBAL STUDIES 101/102**

Grade 9                   Level CP                   2 semesters

**NCAA**

1 credit

*Prerequisite: Recommendation from Counseling Department*

This course examines world events from 1600 to the present. It explores the impact of the democratic and industrial revolutions, the forces that led to world domination by European powers, the wars that changed empires, the ideas that led to independence movements and the effects of global interdependence. The concepts of historical thinking introduced in earlier grades continue to build with students locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions.

##### **U.S. HISTORY 101/102**

Grade 10                   Level CP                   2 semesters

**NCAA**

1 credit

*Prerequisite: Global Studies*

This course examines the history of the United States of America from 1877 to the present. The United States has withstood challenges to its national security and expanded the rights and roles of its citizens. The episodes of its past have shaped the nature of the country today and prepare it to attend to the challenges of tomorrow. Understanding how these events came to pass and their meaning for today's citizens is the purpose of this course. The course will prepare students for the End of Course Exam in American History.

##### **GOVERNMENT**

Grade 11                   Level CP                   1 semester

**NCAA**

$\frac{1}{2}$  credit

*Prerequisite: Global Studies and U.S. History*

This course will help prepare the student for the social, economic, and political pressures of the modern age by examining the role of the individual in local, state, and national government. The general structure and function of government will be studied, as well as the place of political parties, lobbies, and pressure groups in the American political system.

Personal involvement will be encouraged, as the need to stay informed, to vote, and to require accountability of public officials are stressed.

#### ELECTIVES

##### **AMERICAN CULTURE AND SOCIAL RESPONSIBILITY**

Grade 11 or 12           Level CP                   1 semester

**NCAA**

$\frac{1}{2}$  credit

*Prerequisite: None*

This course will introduce students to the various cultures, demographics, and histories that shape their immediate communities and that they will encounter throughout their civic lives. Students will investigate the cultural history of the United States by exploring cultural biases through a wide range of media including books, articles, videos, and movies. While developing questions and making inquiries about the different cultures that make up the fabric of our country, students will evaluate the presence of cultural groups in different contexts. From the inception of disability awareness and rights with the

return of veterans in WWII, to the emergence of the civil rights movement as a social and political priority, to the significance of influential present-day groups. Students will analyze laws, treaties, and international agreements and their impact on citizens today. This Social Studies elective aligns with standards which promote thinking critically and builds disciplinary literacy skills needed for college, career, and civic life.

#### **CURRENT EVENTS**

Grade 11 or 12      Level CP      1 semester        $\frac{1}{2}$  credit

*Prerequisite: None*

Through the use of a weekly news magazine, this course will focus on current events taking place in the world. Students will gain insights into the many diverse issues facing our modern world.

#### **INTRODUCTION TO PSYCHOLOGY**

Grade 11 or 12      Level CP      1 semester        $\frac{1}{2}$  credit

*Prerequisite: None*

The class seeks to develop the student's curiosity about human behavior. Topics in this class include psychological history, research methods/statistics in applied science, development over the lifespan, classical and operant conditioning, cognitive function and memory, sociocultural influences on cognition, and psychological disorders. The goal in this course is to teach students how to describe, explain, predict, and influence behavior.

#### **INTRODUCTION TO SOCIOLOGY**

Grade 11 or 12      Level CP      1 semester        $\frac{1}{2}$  credit

*Prerequisite: None*

Sociology is the study of human society and social interaction. This course will focus on theories of sociological behavior, components of culture, structure and types of groups in society, and problems society faces. Poverty, discrimination, the elderly, juvenile delinquency, the criminal justice system, drug abuse, and alcoholism will be studied.

#### **INTRODUCTION TO ECONOMICS**

Grade 11 or 12      Level AC      1 semester        $\frac{1}{2}$  credit

*Prerequisite: Completion of or enrolled in Algebra II/Trig*

This course is designed to introduce the student to the national economic system. An overall view of the principles and problems of our American economy will be examined, along with the role of the federal government and the Federal Reserve. The application of math skills will be used to understand and solve problems dealing with supply and demand, interest rates, dividends, taxes, budgets, and the buying and selling of stocks and bonds.

### **HONORS SEQUENCE**

#### **HONORS GLOBAL STUDIES 101/102**

Grade 9      Level H      2 semesters       1 credit

*Prerequisite: Recommendation from Counseling Department*

This course involves a more in-depth study of world events from 1600 to the present. It explores the impact of the democratic and industrial revolutions, the forces that led to world domination by European powers, the wars that changed empires, the ideas that led to independence movements and the effects of global interdependence. The concepts of historical thinking introduced in earlier grades continue to build with students locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions.

#### **HONORS U.S. HISTORY 101/102**

Grade 10      Level H      2 semesters       1 credit

*Prerequisite: "C" in Honors Global Studies or a 94% average in Global Studies with teacher recommendation*

This course examines the history of the United States of America from 1877 to the present. The United States has withstood challenges to its national security and expanded the rights and roles of its citizens. The episodes of its past have shaped the nature of the country today and prepared it to attend to the challenges of tomorrow. Understanding how these events came to pass and their meaning for today's citizens is the purpose of this course. The first semester of the course will provide a study of founding of the United States, the post-Reconstruction era, westward expansion, immigration, the Progressive era,



Grade 11 or 12      Level AP      1 semester       $\frac{1}{2}$  credit

*Prerequisite: Teacher recommendation*

The purpose of the Advanced Placement course in Psychology is to introduce the systematic and scientific study of the behavior and mental processes of human beings and other animals. Included is a consideration of the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. Students also learn about the ethics and methods psychologists use in their science and practice.

### **WORLD LANGUAGES**

The study of World Languages (languages other than English) provides opportunities to learn another language while enhancing awareness of cultural differences. Students reinforce language skills through a combination of reading, writing, listening, and speaking. We aim to develop fluency and cultural awareness thus enabling our students to compete in an increasingly globally interdependent economy. Additional benefits include higher ACT and SAT scores, improved critical thinking skills, and advantages in the college and job market. Many colleges require at least two years of a World Language and some recommend three or four years. Placement tests are given in the spring and fall to determine course level placement of language. Credit will be awarded for class(es) tested out.

#### **LATIN 101/102**

Grade 9, 10, 11, or 12      Level CP      2 semesters

**NCAA**

1 credit

*Prerequisite: None*

This class is designed to introduce the student to the basics of listening, speaking, writing, and reading in Latin. Emphasis is on simple readings, fundamental grammar, and Latin's effect on English and other languages. The class will also present a survey of Roman history and culture. *A special course fee of \$35.00 will be charged.*

#### **LATIN 201/202**

Grade 10, 11, or 12      Level CP      2 semesters

**NCAA**

1 credit

*Prerequisite: Successful completion of Latin 101 & 102*

In this class, the student will strengthen their reading ability by continued study and review of vocabulary and forms and by oral and written drills. Latin selections about mythology and Roman culture will be read. *A special course fee of \$35.00 will be charged.*

#### **HONORS LATIN 301/302**

Grade 11 or 12      Level H      2 semesters

**NCAA**

1 credit

*Prerequisite: "C" or above in Latin 202 is recommended and teacher recommendation*

The student will continue their study of grammar and learn new vocabulary advancing to authentic Latin text. The student will concentrate on Latin prose works, including readings of historical, cultural, and mythological interest. Further study of the culture and history of Rome will be stressed. *A special course fee of \$30.00 will be charged.*

#### **HONORS LATIN 401/402**

Grade 12      Level H      2 semesters

**NCAA**

1 credit

*Prerequisite: "C" or above in Latin 302 is recommended and teacher recommendation*

The focus of this course is Roman literature that reflects the late Republic and early Principate periods. Students will translate, analyze, and discuss selections from Latin prose and poetry. Grammar review and vocabulary study will focus on developing students' sight-reading ability in Latin. Additionally, students will begin learning to interpret ancient primary source materials in historical research. Students will be required to purchase a dictionary. *A special course fee of \$20.00 will be charged.*

#### **AP LATIN 101/102**

Grade 12      Level AP      2 semesters

**NCAA**

1 credit

*Prerequisite: "C" or above in Latin 302 is recommended (or teacher recommendation)*

This course follows College Board's curriculum for Advanced Placement exam in Latin and is designed to provide ample opportunities for students to master the following skills: reading and comprehension, translation, contextualization, textual analysis, and argumentation. In addition to the Latin language, this course will focus on elements of Latin prose and poetry through a close examination of Vergil's *Aeneid* and Caesar's *De Bello Gallico*. This course's framework focuses on multiple themes: literary style and genre, Roman values, war and empire, leadership, view of non-Romans, history and memory, and human beings and the gods.

### **SPANISH 101/102**

Grade 9, 10, 11, or 12      Level CP      2 semesters

**NCAA**  
1 credit

*Prerequisite: None*

The Spanish 101/102 curriculum develops topical vocabulary and enhanced grammatical concepts. Students will develop skills in listening, speaking, reading and writing. The course will focus on vocabulary, pronunciation, grammar, and culture. This course offers opportunities for application of synthesis and higher evaluation skills. The Spanish 101/102 class is for students who are interested in pursuing higher learning opportunities. *A special course fee of \$25.00 will be charged.*

### **SPANISH FOR HERITAGE SPEAKERS 101/102**

Grade 9, 10, 11, or 12      Level CP      2 semesters

**NCAA**  
1 credit

*Prerequisite: Native Spanish Speaker and Teacher Recommendation*

This course, taught entirely in Spanish, is designed for native Spanish speakers. This course focuses on a multicultural curriculum with an emphasis on skillful communicative competence, complex grammar structures in support of the development of proficient written and speaking skills. Multilingual students will investigate, celebrate, and interact with a higher cultural competence of current events, history, geography, and language variation of all Hispanic cultures. Completion of this course integrates students into the world language program upon their level or intended language of study. *A special course fee of \$20.00 will be charged.*

Esta asignatura es enseñado en español y es diseñado específicamente para hablantes nativos. Este curso se enfoca en un currículo multicultural con un énfasis en la competencia comunicativa superior, la estructura gramatical de las habilidades de lectura y discurso en español. Los alumnos multilingües investigarán, celebrarán, y comunicarán con una competencia cultural de nivel superior de temas actuales, historia, geografía, y variación lingüística de todas las culturas hispanohablantes. Al completar este curso con calificación apropiada, el alumno entra en el nivel apropiado de español.

### **SPANISH 201/202**

Grade 10, 11, or 12      Level CP      2 semesters

**NCAA**  
1 credit

*Prerequisite: Successful completion of Spanish 101 & 102*

The student will continue developing advanced listening, speaking, reading and, writing skills in Spanish. An intensified grammar and vocabulary selection will be presented and reinforced. Students will engage in activities that enhance their higher-level thinking skills and global awareness by connecting and comparing their language and community. Additional Hispanic culture will have an integral role in this course. This level of Spanish begins to be instructed in Spanish. *A special course fee of \$35.00 will be charged.*

### **HONORS SPANISH 301/302**

Grade 10, 11, or 12      Level H      2 semesters

**NCAA**  
1 credit

*Prerequisite: "C" or above in Spanish 202 is recommended and teacher recommendation*

The student will continue advanced listening, speaking, reading, and writing in Spanish beyond the classroom. Grammar topics are reviewed and vocabulary is intensified as the student will be able to use their language in written and oral reports that reflect their lives. Students will use their second language to collaborate and compare Hispanic cultures to their own communities. Students will also begin to interact with a higher cultural competence and understanding, enhancing their

global awareness and higher-level thinking skills. This level of Spanish is taught predominantly in Spanish. *A special course fee of \$40.00 will be charged.*

**HONORS SPANISH CULTURE 101**

Grade 11 or 12      Level H      1 semester      **NCAA**       $\frac{1}{2}$  credit

*Prerequisite: "C" or above in Spanish 302 is recommended and teacher recommendation*

This Spanish 4 class is an honors course which emphasizes reflective thinking and proficient communication within its thematic units covering Hispanic culture in various Spanish speaking countries. This course strengthens more complex grammar constructions within the study of literature and videos. Authentic materials are used to invite discussion, analysis and comparison of both visual and deeper level culture. An integration of the communicative approach with historical, cultural and creative projects allows students to continue to develop their fluency and cultural competence. This course is taught predominantly in Spanish and covers Hispanics in the U.S., pre-Columbian civilizations, Mexico, the Caribbean, Christmas and New Year traditions. *A special course fee of \$20.00 will be charged.*

**HONORS SPANISH CULTURE 102**

Grade 11 or 12      Level H      1 semester      **NCAA**       $\frac{1}{2}$  credit

*Prerequisite: "C" or above in Spanish 302 is recommended and teacher recommendation (Honors Spanish Culture 101 first semester is not required to take Honors Spanish Culture 102 second semester).*

This Spanish 4 class is an honors course which emphasizes reflective thinking and proficient communication within its thematic units covering Hispanic culture in various Spanish speaking countries. This course strengthens more complex grammar constructions within the study of literature and videos. Authentic materials are used to invite discussion, analysis and comparison of both visual and deeper level culture. An integration of the communicative approach with historical, cultural and creative projects allows students to continue to develop their fluency and cultural competence. This course is taught predominantly in Spanish and covers Easter traditions, Spain, Spanish art and Central and South America. A special course fee of \$20.00 will be charged.

**AP SPANISH LANGUAGE & CULTURE 101/102**

Grade 11 or 12      Level AP      2 semesters      **NCAA**      1 credit

*Prerequisite: "C" or above in Spanish 302 is recommended and teacher recommendation.*

The AP Spanish Language and Culture course, conducted exclusively in Spanish, provides frequent opportunities for students to integrate the four language skills--listening, reading, writing and speaking--through the use of authentic materials. Instructional materials, activities, assignments, and assessments are appropriate to a college-level course. Grammar topics are reviewed and practiced with a more in-depth approach, focusing strongly on synthesis of ideas and concepts. Likewise, topical vocabulary is strengthened and utilized in thematic and practical contexts. All skill sets are geared toward the administration of AP-level assessments, including interpersonal and presentational writing and speaking. *A special course fee of \$60.00 will be charged.*