

ACADEMY OF THE HOLY ANGELS

# CURRICULUM

# GUIDE

2025-2026

CEEB CODE 310-390

*'A New Jersey Service-Learning Leader School'*

*'A National Service-Learning Leader School'*

*'National Green Faith Green Flag School'*

*'A National Blue Ribbon School of Excellence'*



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# RELIGIOUS STUDIES





and oppression that impede the Christian task of building a global community. In addition, students will connect justice with the call to be peacemakers by studying the lives of modern day peacemakers, learning about the strategies of nonviolent social movements, and developing personal peacemaking skills.

In addition to the required courses in the religious studies curriculum, the department also offers an elective course for seniors.

**Senior Elective**

**Ethical Issues in Today's World                      0411                      GRADE 12                      SEMESTER**

This course will address the meaning, the foundations and the requirements of ethics in general, building on the material covered in both the Morality and Catholic Social Teaching courses. Students will then explore units in business ethics, medical ethics and ethics in a technological age using practical current case studies. Focus on decision making and discernment will serve students as they encounter dilemmas in both their personal and professional lives.

# ENGLISH



**ENGLISH**

**Course Numbers:** 1101 – 1721, 6701, 6801 and 6811

**Courses are:** College Preparatory (CP) courses of a more rigorous nature are indicated by Honors (H), High Honors (HH), or Advanced Placement (AP).

**Requirements:** All students are required to take 4 years of the English course sequence. All juniors and seniors must write a well-researched and well written term paper.

Placement: Freshmen are placed according to scores on SSAT exams, and 7th & 8th grade averages in English. Sophomore, Junior and Senior placement:

1. Semester 1 average
2. Writing Competency as reflected by Essay/Writing Grade for Quarters 1 & 2
3. Teacher recommendation (which includes classroom performance: initiative, motivation, participation)
4. Completion of assignments
5. Qualifying exams (AP English only)

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<b><u>English I</u></b>	<b>1101</b>	<b>GRADE 9</b>	<b>YEAR</b>
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This course is designed to develop the student's reading and writing skills through a study of the literary genres of the short story, essay, autobiography, novel, drama, and poetry.

<b><u>English I – Honors</u></b>	<b>1102</b>	<b>GRADE 9</b>	<b>YEAR</b>
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This honors course is designed to develop the student's reading and writing skills through an in-depth development of the literary genres of the short story, essay, autobiography, novel, drama and poetry. Students must demonstrate a high level of competence in oral and written work.

**Prerequisite(s):** The Secondary School Admission Test (SSAT) and a “B+” Average in middle school/elementary school English courses.

<b><u>English I - High Honors</u></b>	<b>1103</b>	<b>GRADE 9</b>	<b>YEAR</b>
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This advanced course is designed to develop the student's reading and writing skills through an in-depth development of the literary genres of the short story, essay, autobiography, novel, drama and poetry. Students must demonstrate a high level of competence in oral and written work. Emphasis is placed on interpretation of ideas and themes as well as evaluation of style. The format of this course allows for the development of the unique responses of each student. Independent research and critical analysis are stressed.

**Prerequisite(s):** The Secondary School Admission Test (SSAT) and an “A” Average in middle school/elementary school English courses.

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<b><u>English II</u></b>	<b>1201</b>	<b>GRADE 10</b>	<b>YEAR</b>
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This course continues to develop the student's reading and writing skills through a chronological survey of American literature from colonial to modern times.

<b><u>English II – Honors</u></b>	<b>1202</b>	<b>GRADE 10</b>	<b>YEAR</b>
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This honors course focuses on an in-depth study of American literature from colonial to modern times. Students must demonstrate a high level of competence in oral and written work.

**Prerequisite(s):** **College Preparatory Students** – 95% Average, and a 92% average in Essay/Writing  
**Honors Students** - 90% Average, and a 90% average in Essay/Writing



for the development of the unique responses of each student. Independent research and critical written analysis are stressed. A literary research/term paper is also required.

**Prerequisite(s): Honors Students** – 95% Average, and a 92% average in Essay/Writing (including the Literary Term Paper), sit for the AP Literature Qualifying Exam in February.

**High Honors Students** – 90% Average, and a 90% average in Essay/Writing

**Note:** All students take the AP Literature and Composition Exam in May.

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### ADDITIONAL ENGLISH ELECTIVE COURSES

#### **Creative Writing**

**1701**

**GRADE 10, 11, 12**

**SEMESTER**

Students will learn to write a variety of forms of poetry and prose using select models and writing prompts. The class culminates with a reading of student work. This course fulfills the graduation requirement for fine and performing arts.

#### **East Asian Literature**

**1801**

**GRADE 10, 11, 12**

**SEMESTER**

In this elective with an international and literary focus, students will read and respond to notable works, ancient and modern, from China, Japan, and Korea. The course materials will cover various literary forms (poetry, short stories, drama, selections from epics, etc.) in addition to fundamental works of mythology, religion, and philosophy. Students will explore the history and beliefs that inform the works and build an understanding of the culture of the Asian continent as they read. Modern works covered in the course will challenge students with questions raised in postwar literature, and students with an interest in international affairs will have a chance to grapple with some issues taking place in Asia today—issues within individual countries, among Asian nations, and especially those that reach across the globe.

#### **Communications**

**6801**

**GRADE 10, 11, 12**

**SEMESTER**

This course provides an introduction into the exciting and important field of modern communications and gives an overview of Interpersonal Communications and Mass Communications. Students also explore career opportunities in the media and advertising as well as in the field of Interpersonal Communication.

#### **Journalism**

**6811**

**GRADE 10, 11, 12**

**SEMESTER**

This semester course is intended to provide the student with a general overview of the profession and history of Journalism. This includes experience in the reporting and writing of news, discussing and reading about issues and ethics related to journalism, and the creation of a classroom newsletter. Students will also study a nonfiction novel and discuss the author's reporting process and journalistic technique.

#### **Film**

**6701**

**GRADE 10, 11, 12**

**SEMESTER**

This semester course is intended to increase the enjoyment of film by raising awareness of the ways in which a film communicates. Students will become more knowledgeable and critical viewers as we watch and discuss a series of films. This course fulfills the graduation requirement for fine and performing arts.



# SOCIAL STUDIES



<b>SOCIAL STUDIES</b>
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**Course Numbers:** 2101 - 2702  
**Courses are:** College Preparatory (CP), or College Preparatory of a more rigorous nature are indicated by Honors (H), High Honors (HH), or Advanced Placement (AP).  
**Requirement:** All students are required to take 3 years of Social Studies courses. (One year of World History and 2 years of U.S. History.)  
 All averages presented are unweighted, yearly averages unless otherwise noted.  
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<b><u>World History</u></b>	<b>2101</b>	<b>GRADE 9</b>	<b>YEAR</b>
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This course is a global study of civilizations from the antiquities to modern times, stressing the contributions of ancient societies to the development of modern political, economic, social and religious concepts. Students are introduced to primary source documents. Current events are a regular feature in this course. This course uses all available technology.

<b><u>World History – Honors</u></b>	<b>2102</b>	<b>GRADE 9</b>	<b>YEAR</b>
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This honors level course in World History will have as its focus: a description and comparison of the major social, political, economic and cultural themes from the ancient civilizations to the early modern age. By means of several techniques, special emphasis is placed on the development of critical thinking skills. Students are introduced to primary source documents and document-based question writing. Students will be responsible for research projects, supplementary readings, treatments of current events using all available technology.  
**Prerequisite(s):** Minimum of 88% National Percentile on SSAT Exam (Verbal), and a “B+” Average in English courses in middle school/elementary school

<b><u>World History - High Honors</u></b>	<b>2103</b>	<b>GRADE 9</b>	<b>YEAR</b>
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This accelerated course in World History will have as its focus: an analysis and evaluation of the major social, political, economic and cultural themes from the ancient civilizations to the early modern age. By means of several techniques, special emphasis will be placed on the development of critical thinking skills, and the use of primary sources. Critical essays based on assigned outside readings and research papers are regularly required.  
**Prerequisite(s):** Minimum of 92% National Percentile on SSAT Exam (Verbal), and an “A” Average in English courses in middle school/elementary school.

<b><u>United States History I</u></b>	<b>2201</b>	<b>GRADE 10</b>	<b>YEAR</b>
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This is a survey course of early American History covering the period from European exploration to the Industrial Age. Emphasis is placed on the connection of the past to the present through daily homework, current events, and research assignments.

<b><u>United States History I – Honors</u></b>	<b>2202</b>	<b>GRADE 10</b>	<b>YEAR</b>
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This is an honors level course in United States History. It is designed to provide a curriculum in American History stressing primary source material and research. Critical essays based on assigned outside readings, research papers, and document-based question essays are required.  
 May be screened for AP US History II with a midyear average of 95 and department administered qualifying test.  
**Prerequisite(s):** Department recommendation  
**College Preparatory Students** - 90% in World History CP  
**Honors Students** - 86 % in World History H  
*Note: Recommended- An average of 90 % in English*

**United States History I – High Honors      2203      GRADE 10      YEAR**

This is an advanced level curriculum. It is designed to provide a college-level course in American History stressing primary source material and research skills necessary for analysis of the document-based questions that are taught at this level. Critical essays based on assigned outside readings and research papers are required regularly. Students in this course will be screened for enrollment in U.S. History II – Advanced Placement.

**Prerequisite(s):** **College Preparatory Students** - 97% in World History-CP and English 94%

**Honors Students** - 95 % in World History-Honors and English 92%

**High Honors Students** – 88% in World History-High Honors and English 88%

**Note:** All students are required to complete a summer assignment that is due the 1<sup>st</sup> day of class in September. This assignment is in addition to the Holy Angels Summer Reading Program.

**United States History II      2301      GRADE 11      YEAR**

This course continues the study of the United States begun in U.S. History I. Emphasis is placed on the United States in the 20<sup>th</sup> and 21<sup>st</sup> centuries and current issues. Students are responsible for daily homework, current events and research assignments.

**United States History II – Honors      2302      GRADE 11      YEAR**

This course continues the study of the United States begun in the sophomore year. Emphasis is placed on the United States in the 20<sup>th</sup> and 21<sup>st</sup> centuries and current events. Honors students are responsible for research papers, supplementary readings, critical analysis essays, and pro and con treatments of current events and cultural issues, using all available technology.

**Prerequisite(s):** Department recommendation

**College Preparatory Students** - 90 % in US History 1 CP

**Honors Students** - 86 % in US History 1 Honors

**Note:** Recommended- 90% in English

**United States History II – Advanced Placement 2304      GRADE 11      YEAR**

This U. S. History course is designed to offer junior students who are capable of pursuing college-level studies in history the opportunity of working at an advanced level. Critical essays based on assigned outside readings, DBQs, and research/position papers are required regularly.

**Prerequisite(s):** **High Honors Students** - 90% in US History I – High Honors and 90% in English II

**Honors Students** - 95% in US History I H and 92% English (H or HH)

**\* Additionally, any materials/chapters not covered in US History I Honors are the students' responsibility and must be covered independently before the start of AP US History in September.**

**Department recommendation and department administered qualifying test for US History I HH and H students.**

**Note:** All students take the AP Exam in May.

**Note:** All students are required to complete a summer assignment that is due the 1<sup>st</sup> day of class in September. This assignment is in addition to the Holy Angels summer reading program.

**Economics- Honors      2212      GRADE 10, 11, 12      SEMESTER / ELECTIVE**

This course will impart both theoretical and practical information in the subject area. A major concern will be increasing student understanding of how economics works, and the individual's role in the domestic and global economies and the relationship between politics and economics. **Note:** A comprehensive project is required at the end of the semester.

**Macroeconomics- AP      2804      GRADE 10, 11, 12      SEMESTER / ELECTIVE**

This is a one semester course taught in the spring that is open to tenth, eleventh and twelfth graders who took the Economics elective and scored over an 88% for their cumulative grade. The course is rigorous and will





# MATHEMATICS





- Teacher recommendation

Your two courses would be Geometry and Algebra-II.

2. If you have taken Algebra I-Honors there are 2 possibilities:

- 96% average
- Teacher recommendation

Your two courses would be Plane & Solid Geometry-Honors and Algebra II-High Honors.

OR

- 90 – 95% average
- Teacher recommendation

Your two courses would be Geometry and Algebra II-Honors.

3. If you have taken Algebra I-High Honors there are 2 possibilities:

- 96% average
- Teacher recommendation

Your two courses would be Plane & Solid Geometry-High Honors and Algebra II-High Honors.

OR

- 90 - 95% average
- Teacher recommendation

Your two courses would be Plane & Solid Geometry-Honors and Algebra II-High Honors.

### Geometry

3201

GRADE 9, 10

YEAR

A modern approach to the basic principles of Geometry aims to develop a knowledge of geometric elements and their relationships in order to help the student grow in mathematical awareness and conceptual understanding. This course will cover all the basic ideas and terms of traditional geometry. A non-rigorous approach to the deductive method of proof will be presented to promote logical reasoning skills. The key concepts of Algebra will be re-enforced throughout the year. TI-84 Graphing Calculator is required for the 3<sup>rd</sup> quarter.

**Prerequisite(s): Freshmen:** The Secondary School Admission Test (SSAT), a full year course of Algebra I and satisfactory completion of the Geometry Placement exam. Middle school/middle school/elementary school students not meeting the prerequisites for Plane and Solid Geometry Honors will be placed in this course.

### Plane and Solid Geometry – Honors

3202

GRADE 9, 10

YEAR

A modern approach to the basic principles of geometry aims to develop a knowledge of geometric elements and their relationships in order to help the student grow in the use of the deductive method of proof. Formal proofs will be explored in detail throughout the entire course. A study of three-dimensional solids including their lateral areas, surface areas and volumes will be studied during the fourth quarter. TI-84 Graphing Calculator is required for the 3<sup>rd</sup> quarter.

**Prerequisite(s): Freshmen -** The Secondary School Admission Test (SSAT), a full year course of Algebra I and successful completion of the Geometry Placement exam. Middle school/middle school/elementary school students with a minimum average of 86% in Algebra I Honors will be placed in this course.

**Prerequisite(s): Sophomores - College Preparatory Students – 96% in Algebra I CP Honors Students - 86% in Algebra I H**

### Plane and Solid Geometry - High Honors 3203

GRADE 9, 10

YEAR

This course provides an in-depth study of geometry with heavy emphasis on deductive proofs from the outset. All of the traditional topics of Euclidean geometry will be studied in detail as well as coordinate geometry and an introduction to right triangle trigonometry. A study of three-dimensional solids including their lateral areas, surface areas and volumes will be studied during the fourth quarter as well as an introduction to geometric probability. TI- 84 Graphing Calculator is required for the 3<sup>rd</sup> quarter.





**Calculus****3401****GRADE 12****YEAR/ELECTIVE**

This course is open to students who have satisfactorily completed Precalculus. The course will include a study of limits, continuity, the basic rules of differentiation, as well as applications of differentiation to curve sketching and word problems involving related rates and optimization. The derivative of the exponential and logarithmic functions will also be studied. Techniques of integration will be introduced. Limits of trigonometric functions and differentiation and integration of trigonometric functions will not be studied in this course.

**Prerequisite(s): College Preparatory Students - 86% in Precalculus CP**

**Honors Students – 80% in Precalculus H**

**Note:** TI-84 Graphing Calculator is required.

**Calculus-High Honors/Early College Program (ECP)****3E03 GRADE 11, 12****YEAR/ELECTIVE**

In this course, students will continue to study the concepts of limits and continuity. The basic concepts of the derivative with its applications to velocity, acceleration, curve sketching, related rates, and max-min problems will be studied in the first semester. The definite and indefinite integral will be introduced during second semester. Techniques of differentiation and integration of the trigonometric functions, the natural logarithmic function, the exponential function and the inverse trigonometric functions will be studied. Integration will be applied to finding area and volume.

**Prerequisite(s): Honors Students – 88% in Precalculus H**

**High Honors Students – 83% in Precalculus HH**

**Note:** TI-84 Graphing Calculator is required.

**Note:** Students enrolled in this course are eligible to receive college credit through an accredited university. Separate registration through the university is required.

**Note:** All students are required to complete a summer assignment as further preparation. This assignment is due the 1<sup>st</sup> week of school in September.

**Calculus (AB) -Advanced Placement****3404****GRADE 11, 12****YEAR/ELECTIVE**

Students will continue to study limits and continuity begun in Precalculus. An introduction to the basic concepts of differential and integral calculus with applications to velocity, acceleration, curve sketching, related rates and max-min problems will be given. Techniques of differentiation and integration will be studied and applied to areas, radioactive decay, and volumes and surface areas of revolution. The theoretical development of each of these topics will be stressed. The course concludes with the Advanced Placement Examination in May. TI-84 Graphing Calculator is required.

**Prerequisite(s): High Honors Students - 90% in Precalculus HH.**

**Honors Students - 96% in Precalculus H.** Students will be expected to make up a chapter on the **study of limits**.

**Note:** All students take the AP Exam in May.

**Note:** All students are required to complete a summer assignment as further preparation. There will be an assessment based on the summer assignment during the first week of school in September.

**Calculus (BC) -Advanced Placement****3414****GRADE 11, 12****YEAR / ELECTIVE**

This course covers all topics of Calculus of functions of a single variable as described in the AP Calculus BC topic outline in the AP Calculus Course Description. Calculus BC includes all topics covered in Calculus AB plus additional topics including Techniques of Integration, parametric, vector, and polar functions; sequences and series (including the Taylor and Maclaurin series). It is designed to develop the student's understanding of the concepts covered in the first two semesters of college level Calculus. The course concludes with the Advanced Placement Examination in May.

**Prerequisite(s): High Honors Students - 96% in Precalculus HH**

**Note:** A TI-84 Graphing Calculator is required

**Note:** All students take the AP Exam in May.

*Note:* All students are required to complete a summer assignment as further preparation. There will be an assessment based on the summer assignment during the first week of school in September.

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### ADDITIONAL MATHEMATICS COURSES

**Probability and Statistics**                      **3421**                      **GRADE 12**                      **YEAR / ELECTIVE**

This full-year mathematics course will cover basic concepts in statistics and probability. Emphasis will be placed on the collection, processing, analysis and interpretation of numerical data, as well as probability theory and combinatorics. This course will be highly beneficial not only to students planning to study mathematics and science but also to those who wish to pursue a career in the social sciences or business (for example Sociology, Psychology, Economics). TI-84 Graphing Calculator is required.

*Prerequisite(s):* Any student who has at least completed the Algebra II course.

**Statistics-Advanced Placement**                      **3424**                      **GRADE 11, 12**                      **YEAR / ELECTIVE**

This course is open to juniors and seniors who have satisfactorily completed Precalculus-Honors or Precalculus-High Honors or who are taking either of these courses simultaneously with AP Statistics. The focus of this course is on problem solving. The course will introduce students to the major concepts and tools for collecting, analyzing and drawing inferences from data. Students will concentrate on the following topics: exploring data, planning a study, anticipating patterns and statistical inferences.

*Prerequisite(s):* **Honors Students** - 90% in Math H and English H courses  
**High Honors Students** - 88% in Math HH and English HH courses.  
Teacher recommendation is required.

*Note:* TI-84 Graphing Calculator is required.

*Note:* All students take the AP Exam in May.

**Introduction to Computer Science**                      **3801**                      **GRADE 10, 11, 12**                      **SEMESTER /ELECTIVE**

Introduction to Computer Science is an introductory computer programming course that lays the foundation for understanding the principles and practices of computer science. This class uses the coding language, Python, to walk students through fundamental computer science topics such as variables, strings, loops, functions and more.

*Prerequisite(s):* This course is open to all 10th, 11<sup>th</sup>, and 12th graders who have completed Geometry.

**Computer Science Principles- Advanced Placement**                      **3804**                      **GRADE 10, 11, 12**                      **SEMESTER /ELECTIVE**

This is a one semester course taught in the spring that is open to 10th, 11th, and 12th graders who have successfully completed the Introduction to Computer Science course with a minimum average of 88%. This is a rigorous course which will involve significant time studying outside of the classroom. Through lecture and projects, students will be given hands on experience with computer, programming and coding skills that gear towards the technology industry. This course will also serve as a prerequisite to the AP Computer Science A course.

*Prerequisite(s):* This course is open to all 10th, 11<sup>th</sup>, and 12th graders who have completed Geometry and successfully completed the Introduction to Computer Science course with a minimum average of 88%.

**Computer Science A - Advanced Placement**                      **3704**                      **GRADE 11, 12**                      **YEAR / ELECTIVE**

The AP Computer Science A course is equivalent to a first-semester, college-level course in computer science. The course continues to make students familiar with fundamental computer science topics such as: problem solving, design strategies, organization of data, approaches to processing data, analysis of potential solutions, data structures, abstraction and the ethical and social implications of computing. The course uses the programming language Java to emphasize object-oriented programming methodology with a focus on problem solving and algorithm development.

*Prerequisite(s):* Satisfactory completion of AP Computer Science Principles with an 87% semester average and 80% in the final project.

*Note:* All students take the AP Exam in May.

# SCIENCE







required.

**Prerequisite(s):** 90% in Biology-H or 93% in Biology  
90% in Chemistry HH or 95% Chemistry-H or 97% in Chemistry  
80% on semester exams. (Teacher recommendations and prior attendance record considered).

**Chemistry-Advanced Placement                      4714                      GRADE 11, 12                      YEAR**

This college level course prepares students for the Advanced Placement Chemistry Examination. Structure of matter, states of matter, gas laws, redox reactions, stoichiometry, chemical reactions, thermochemistry, molecular structure, equilibrium, kinetics, organic chemistry, nuclear chemistry, acid-base theory, and electrochemistry will be studied in depth. Descriptive chemistry will be covered in depth and laboratory exercises will reinforce the principles learned. The class focuses on the inquiry-based learning of essential concepts and the content that supports them. Laboratory investigations help develop advanced inquiry and reasoning skills. Graphing calculators are required.

**Prerequisite(s):** 96% in Biology or 92% in Biology H  
95% in Chemistry H or 90% in Chemistry HH, or 97% in Chemistry.  
and...  
95% in Algebra I or in Geometry, 90% Algebra I H or in Geometry H, or 87% in Algebra I – HH or in Geometry HH. (Teacher recommendations and prior attendance record will be considered).

**Physics 1- Advanced Placement                      4504                      GRADE 11, 12                      YEAR**

Experience the equivalent of a first-semester college class in general physics as you take this fast-paced, inquiry-based laboratory course. This is an excellent opportunity for students who plan to major in engineering or the sciences. A thorough background in algebra and knowledge of trigonometry are required. AP Physics I emphasizes conceptual understanding and mathematical problem-solving. Topics include Newtonian mechanics (including linear and rotational kinematics, dynamics, and momentum); work, energy, and power; and Fluid Mechanics. Scientific or graphing calculators are required.

**Prerequisite(s):** 95% in Chemistry H, 91% in Chemistry HH, or 97% in Chemistry.  
and...  
95% in Algebra I H or Geometry H, 91% Algebra I HH or Geometry HH of 91%.  
97% in Algebra II and/or Precalculus, 92% in Algebra II H and/or Precalculus H, 90% in Algebra II HH and/or Precalculus HH. (Teacher recommendations and prior attendance record will be considered).

**Physics 2- Advanced Placement                      4414                      GRADE 12                      YEAR**

Take an algebra-based course that is equivalent to a second-semester college course in general physics. Students who plan to major in engineering or the sciences benefit from this fast-paced, inquiry-based laboratory course, which emphasizes conceptual understanding and mathematical problem-solving. Areas of study include electrical circuits, thermodynamics, electricity and magnetism, optics, and atomic and nuclear physics. Students in this course must have a thorough background in algebra and knowledge of trigonometry. Scientific or graphing calculators are required.

**Prerequisite(s):** 95% in Physics - H or 85% in AP Physics 1...and...  
92% in Algebra II H or Precalculus H  
90% in Algebra II HH or Precalculus HH (Teacher recommendations and prior attendance record considered).





**Sports Medicine****9411****GRADE 12****SEMESTER/ELECTIVE**

This course will give a brief overview of the human body systems with an emphasis on the musculoskeletal system. It will cover a detailed study of the structure and functions of the musculoskeletal system, injuries of the musculoskeletal system, injury prevention, sports psychology, sports nutrition and strength and conditioning. There is also a focus on the career aspect of sports medicine.

# WORLD LANGUAGE











<b>SPANISH</b>
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<b><u>Spanish I</u></b>	<b>5141</b>	<b>GRADE 9, 10, 11, 12</b>	<b>YEAR</b>
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This course introduces the student to the four basic skills of listening, speaking, reading and writing. Spanish and Latin American culture is studied with an emphasis on its influences in the United States.

<b><u>Spanish I – Honors</u></b>	<b>5142</b>	<b>GRADE 9, 10, 11, 12</b>	<b>YEAR</b>
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This course introduces the student to the four basic skills of listening, speaking, reading and writing. Spanish and Latin American culture is studied with an emphasis on its influences in the United States. Honors is taught at a more rapid pace with higher expectations of students in all skills. Students are required to complete additional readings and simple translations.

**Prerequisite(s):** The Secondary School Admission Test (SSAT) and a “B+” Average in middle school/elementary school English courses.

**Note:** Students enrolled in this course are required to take the National Exam in March.

<b><u>Spanish II</u></b>	<b>5241</b>	<b>GRADE 10, 11, 12</b>	<b>YEAR</b>
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This course continues the development of the four basic skills. Various aspects of Latin American culture are presented.

**Prerequisite(s):** Satisfactory completion of Spanish I or a score between 50-79% on the Spanish placement exam.

<b><u>Spanish II – Honors</u></b>	<b>5242</b>	<b>GRADE 9, 10, 11, 12</b>	<b>YEAR</b>
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This course continues the development of the four basic skills. Various aspects of Latin American culture are presented. This honors course is taught at a more rapid pace with higher expectations of students in all skills.

**Prerequisite(s):** 96% in Spanish I  
93% in Spanish 1-H or a minimum score of 80% on the Spanish placement exam

**Note:** Students enrolled in this course are required to take the National Exam in March.

<b><u>Spanish III</u></b>	<b>5341</b>	<b>GRADE 10, 11, 12</b>	<b>YEAR</b>
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This course reviews the structure of the Spanish language and provides for additional practice in the four basic skills. It also includes a study of the culture and literature of Spain and other Spanish speaking countries.

**Prerequisite(s):** Satisfactory completion of Spanish II

<b><u>Spanish III – Honors</u></b>	<b>5342</b>	<b>GRADE 10, 11, 12</b>	<b>YEAR</b>
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This course reviews the structure of the language and provides for additional practice in the four basic skills. It also includes a study of the culture, geography, history and literature of Spain. Honors is taught at a more rapid pace with higher expectations of students in all skills, requiring students to use the target language more extensively and do additional readings and translations.

**Prerequisite(s):** **College Preparatory Students** - 92% in Spanish II CP  
**Honors Students** - 90% in Spanish II H

**Note:** Students enrolled in this course are required to participate in the Spanish National Exam.

<b><u>Spanish III –High Honor</u></b>	<b>5343</b>	<b>GRADE 10, 11, 12</b>	<b>YEAR</b>
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This course reviews the structure of the Spanish language and provides for extensive practice in the four basic skills. It also includes a more in-depth study of the culture, geography, history and literature of Spain. High Honors is taught at a more rapid pace with considerably higher expectations of students in all skills, requiring students to use the target language more extensively and do additional readings and translations.

**Prerequisite(s):** **Honors Students** - 92% in Spanish II

**Note:** Students enrolled in this course are required to participate in the Spanish National Exam.



# BUSINESS & TECHNOLOGY





Students will explore the many job opportunities this field of work has to offer, their strengths and weaknesses in each, and which they may be most passionate about. Throughout the class we will be developing a deeper understanding of how each of these careers interact with each other, and the importance each has to the overall structure. This will be an activity centered and project based course, that will also include the business simulation retail program. Pre-requisites are Principles of Business I.

**Principles of Accounting–Honors                      7402                      GRADE 12                      YEAR/ ELECTIVE**

This course provides an understanding of the basic principles of the accounting cycle. This course is recommended for all students planning a business major in college, as most college business programs require 2 semesters of accounting, regardless of the individual business discipline. The accounting cycle includes the analysis and the recording of transactions of a service business organized as a proprietorship and a merchandising business organized as a partnership; preparation and interpretation of the financial statements; processing and posting journal entries to subsidiary ledgers. In the second half of this course, students will explore recording specific accounting entries and understanding various components of company financial statements, including cash, inventory, accounts receivable, loans, and revenues and expenses. Both manual and automated accounting procedures will be emphasized. Computers will be used to generate reports using spreadsheet programs as well as textbook exercises, and several business simulations will allow the students to process the accounting cycle and analyze results.

**TECHNOLOGY**

**Digital Literacy    7121    GRADE 9    SEMESTER/REQUIRED**

This course is a one-semester introduction to technology used within the school day. The use of the tablet for completing work efficiently, and working effectively between home and school are taught, alongside the concept of having strong digital citizenship. Students are also taught basic study skills, note taking, digital and oral presentation skills as well as business-related skills such as resume writing, interview skills, and spreadsheets through the use of Google Suite & Microsoft Office programs. Students learn safe and successful researching techniques, using databases as research tools to explore the topics of digital literacy and cyberbullying, while being taught proper MLA format and citation use. All concepts are enhanced through consistent practice exercises and the creation of projects. This course continues with students being exposed to and understanding the pros and cons of AI use, along with a brief introduction to the basics of computer coding. Students will leave this course having ample practice with all of the computer programs they will be expected to utilize over the next four years.

**Digital Film I    7521    GRADE 11 & 12    SEMESTER/ELECTIVE**

This course focuses on learning the techniques of digital filmmaking. Students will explore the stages of digital filmmaking, including storyboarding, lighting, camera and audio recording techniques, video and audio editing. Students will learn to film using Canon DSLR cameras and Tascam digital audio recorders. Adobe Premiere Pro will be used for video and audio editing and effects. Emphasis will be placed on acquiring the technical skills necessary to create a professional quality film.

**Digital Film II:    7531    GRADE 11 & 12    SEMESTER/ELECTIVE**

In this project based course, students will use the skills that they have acquired in Digital Film I to create their own films. Students write, produce, direct and edit their own projects, as well as work as crew members on their classmates projects. Projects can include commercials, music videos, short documentary and fiction films, as well as cross-curricular projects.

*Prerequisite(s):* Digital Film I.

**Introduction to Creative Coding                              3811                              GRADES 10, 11, 12                              SEMESTER / ELECTIVE**

Introduction to Creative Coding is an introductory computer programming course that uses codesters.com and lays the foundation for understanding the principles and practices of computer science. This class uses the

coding language, Python, to walk students through fundamental computer science topics such as variables, strings, loops, functions and more. Student will take what they learn throughout the course to create a cohesive final project from scratch.

**Introduction to Computer Science      3801      GRADE 10, 11, 12      SEMESTER /ELECTIVE**

Introduction to Computer Science is an introductory computer programming course that lays the foundation for understanding the principles and practices of computer science. This class uses the coding language, Python, to walk students through fundamental computer science topics such as variables, strings, loops, functions and more.

**Prerequisite(s):** This course is open to all 10th, 11<sup>th</sup>, and 12th graders who have completed Geometry.

**Computer Science Principles – Advanced Placement      3804      GRADE 10, 11, 12      SEMESTER /ELECTIVE**

This is a one semester course taught in the spring that is open to 10th, 11th, and 12th graders who have successfully completed the Introduction to Computer Science course with a minimum average of 88%. This is a rigorous course which will involve significant time studying outside of the classroom. Through lecture and projects, students will be given hands on experience with computer, programming and coding skills that gear towards the technology industry. This course will also serve as a prerequisite to the AP Computer Science A course.

**Prerequisite(s):** This course is open to all 10th, 11<sup>th</sup>, and 12th graders who have completed Geometry and successfully completed the Introduction to Computer Science course with a minimum average of 88%.

**Computer Science A - Advanced Placement      3704      GRADE 11, 12      YEAR / ELECTIVE**

The AP Computer Science A course is equivalent to a first-semester, college-level course in computer science. The course continues to make students familiar with fundamental computer science topics such as: problem solving, design strategies, organization of data, approaches to processing data, analysis of potential solutions, data structures, abstraction and the ethical and social implications of computing. The course uses the programming language Java to emphasize object-oriented programming methodology with a focus on problem solving and algorithm development.

**Prerequisite(s):** Satisfactory completion of AP Computer Science Principles with an 87% semester average and 80% on the final project.

**Note:** All students take the AP Exam in May.



FINE and  
PERFORMING  
ARTS





**Color and Design****8361****GRADE 10, 11, 12****SEMESTER / ELECTIVE**

The understanding of the complexities of color is essential for any artist. This course is for sophomores, juniors, and seniors who wish to become more proficient in the use and mixing of color. Color Theory will be addressed in relation to color mixing and optical blending as well as color comparisons, relations, and interactions. Students will become skilled in color matching and mixing through a variety of problem-based projects in painting and drawing media. Composition and fashion/jewelry design will be addressed. Six major projects based on rubrics are required. Students will participate in group critiques as well as color-related experiments.

**Graphic Arts****8371****GRADE 10, 11, 12****SEMESTER / ELECTIVE**

Visual literacy is essential to success in the modern world. Students will be introduced to the visual language of commercial graphic design in this course. By solving a series of problems, students will explore the areas of typography, color theory, layout design, package design, illustration and advertising. Projects include designing an album cover, business card, book jacket and a font, as well as color experiments. Traditional manual rendering techniques, including calligraphy and illustration, as well as *Adobe Photoshop* will be introduced. The sharing and “selling” of ideas and creative problem solving will be stressed in class through group discussions and critiques. This class meets in the state-of-the-art Mac Lab.

**Studio Art I-Honors****8362****GRADES 11, 12\*****YEAR/ELECTIVE**

This course is for juniors intending to pursue a career, or serious course of study in Fine Arts at the college level. While focusing on the creation and development of their artist’s portfolio, students will gain increased proficiency in the use of a variety of drawing, painting, collage, and printmaking media. Oil-painting will be introduced. Emphasis will be placed on drawing and painting from close observation of still life, nature, and the human form. By completing a series of projects, students will explore a variety of topics and themes, including the influence of contemporary artists and art theory on “making art.” Group critiques and monthly creative sketchbook assignments are required. Students must have proficient drawing and painting skills prior to entering. The ability to work independently without constant supervision is essential for success in this course. Limited Enrollment.

**Prerequisite(s):** Drawing/Painting/Art II or relevant experience with Studio Art teacher. Students must have a portfolio interview with the department in January during sophomore year to determine acceptance for the course. All students will complete summer assignments in preparation for Studio Art I.

**Studio Art - 2D Design/Drawing – Advanced Placement****8474****GRADE 12****YEAR/ELECTIVE**

This intensive version of Studio Art II is designed for the serious advanced art student who intends to pursue a course of study in Fine Arts at the college level *and* create a portfolio which fulfills the requirements of the AP Studio Art Exam. Students will further develop their skills in 2-D media, an understanding of formal and conceptual relationships, and their identity as an artist. Concurrent with Studio Art II Honors, this course emphasizes the conceptual and technical problems proposed by the AP Studio Art exam. This exam requires the completion of 21 art pieces, 16 of which must be based on a sustained investigation (theme) with documentation and written analyses. Students will participate in both formal and informal group critiques and complete written reflections about their work. Students must commit to independent study, experimentation and innovation without constant supervision. In addition to class, students must commit to four independent lab periods per cycle, when the instructor is not accessible for personal help. Limited enrollment.

**Prerequisite(s):** Studio Art I students must have a portfolio interview with the department in January during junior year to determine acceptance for the course. All students will complete summer assignments in preparation for Studio Art II.

**Art History - Advanced Placement                      8464                      GRADE 11, 12                      YEAR / ELECTIVE**

This course is designed to give students a rigorous introductory college level course in art history from the early civilization to the postmodern era. The course will provide an understanding and knowledge of architecture, sculpture, painting and other art forms within diverse historical and cultural contexts. In the course, students examine and critically analyze major forms of artistic expression from the past and the present from a variety of cultures. Art History emphasizes understanding works in context, considering such issues as patronage, gender, and the function and effects of works of art. Course textbooks are the current edition of *Gardner's Art Through the Ages* and *Barron's AP Art History*. Course requirements include daily preparation for class discussions and quizzes, tests, essays, and quarterly museum report or thematic project.

**Prerequisite(s):** 90% or above in English-H and History-H; 85% or above in English-HH and History-HH.

**Note:** Students must be committed to an intense workload of frequent reading and writing assignments.

**Note:** All students are required to take the AP Exam in May. This course fulfills the one year Humanities graduation requirement.

**Photography I    6711                      GRADE 10, 11, 12                      SEMESTER/ELECTIVE**

This introductory digital photography course is designed to teach students basic camera and post-editing techniques, while expanding their voices as artists through this medium. Students will become proficient with understanding the camera functions and using *Adobe Photoshop* in processing final digital images and professional artist-quality prints. Projects will be based on technical and theme-based projects. During the semester, students will cultivate their eye for composition and various subject matter. Projects are based on rubrics and regular in-class critiques are implemented. This class meets in the state-of-the-art Mac Lab.

**Prerequisite(s):** Must be comfortable using computers. Basic computer skills.

**Required Material:** Digital Camera

**Photography II    6721                      GRADE 10, 11, 12                      SEMESTER/ELECTIVE**

This course continues to explore the digital medium as an art form with the emphasis placed upon individual growth. Students will further explore composition and their aesthetic sensibilities in the theme-based projects. Students will use *Adobe Photoshop* to post-edit their photos. The class will also explore different alternative processes with the digital and technological equipment. This class meets in the state-of-the-art Mac Lab.

**Prerequisite(s):** Photography I (6711) or relevant experience.

**Required Material:** Digital Camera

**Digital Design    7801                      GRADE 10, 11, 12                      SEMESTER/ELECTIVE**

Make beautiful pictures with the click of your mouse! This course emphasizes the development of technical skills in Adobe Photoshop software through a variety of design, technology and art-related projects. Students gain mastery in a variety of Photoshop tools and applications, including tools and palettes for drawing and painting, making selections, manipulating layers, adjustments, masks, filters and composition. All projects incorporate creative problem-solving, personal expression, the exploration of art-related styles and themes and written reflections. New digital techniques, including overprinting, scanning and photo-retouching may also be addressed. Students will have the opportunity to manipulate their own digital photographs in most projects. All coursework will result in a final digital portfolio. Limited to 16 students per section. This course fulfills the graduation requirements for fine and performing arts.

**Prerequisite(s):** Curiosity, ability to work independently. Basic computer skills.

**Required Material:** Digital Camera

<b>PERFORMING ARTS</b>
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<b><u>Music Appreciation</u></b>	<b>8101</b>	<b>GRADE 9</b>	<b>QUARTER / REQUIRED</b>
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What makes music, music? Just as you need certain ingredients to make your favorite food, so you need certain ingredients to create a piece of music. These ingredients are the elements of music: rhythm, melody, harmony, tone color, texture and form. They are the musical concepts that the students will experience and study through listening exercises and hands-on musical composition.

<b><u>Music Theory</u></b>	<b>8881</b>	<b>GRADE 10, 11, 12</b>	<b>YEAR/ELECTIVE</b>
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Students will study the building blocks of music. Using both written and aural skills, students will learn to analyze key signatures, modes, melodies, intervals and chord progressions using traditional four part writing practices. Musicianship skills such as dictation, sight-singing and keyboard skills will be included. Students will also study the use of form. These skills will be expanded through the course to include more complex music and the creation of student compositions.

<b><u>Music Theory-Advanced Placement</u></b>	<b>8804</b>	<b>GRADE 10, 11, 12</b>	<b>YEAR/ELECTIVE</b>
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AP Music Theory is an introductory college-level course that allows students to cultivate their understanding of music theory through analyzing performed and notated music. Students will explore aspects of melody, harmony, texture, rhythm, form, music analysis, elementary composition, as well as music history and style. Musicianship skills such as rhythmic, melodic and harmonic dictation, as well as other listening skills such as sight-singing and keyboard harmony will be covered in this course. The student's ability to read and write music notation, as well as basic proficiency on either voice or an instrument are fundamental to this course.

**Prerequisite(s):** Students must take and pass a qualifying exam during the last week of January.

**Note:** All students are required to take the AP Exam in May. This course fulfills the one-year Humanities graduation requirement.

<b><u>Musical Theater</u></b>	<b>8811</b>	<b>GRADE 10, 11, 12</b>	<b>SEMESTER / ELECTIVE</b>
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This course is NOT a performance based course, but rather students will be asked to view Broadway musical performances in class and assess them. There is absolutely no singing involved in this class. Musicals will range from the classical (*West Side Story*) to the contemporary (*Hamilton*) and they will give students the opportunity to see musicals from a new and exciting perspective. Assessments will be in the form of projects and creative assignments.

<b><u>Theater Arts I</u></b>	<b>8821</b>	<b>GRADE 10, 11, 12</b>	<b>SEMESTER / ELECTIVE</b>
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This class is for non-actors as well as those who love to be on the stage! Students will begin developing understandings, skills, and enjoyment of the performing arts. This course will help the beginning actor and non-theater student create believable characters using improvisation, imagination, and observation. The class will take you through theatre history with exercises in Greek drama, Italian Commedia del'Arte, and Shakespeare to name a few. It is a great course if you want to enhance your public speaking skills or your overall confidence.

<b><u>Theater Arts II</u></b>	<b>8831</b>	<b>GRADE 10, 11, 12</b>	<b>SEMESTER / ELECTIVE</b>
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Continues development of skills acquired in Theater Arts I. Helps students develop believable characters while working on acting exercises and scenes from contemporary dramatic literature. Actors are invited to more closely examine the playwright's intentions as well as theatrical terminology. Opportunities to engage in directing are also offered.

**Prerequisite:** Satisfactory completion of Theater Arts I

<b><u>Theater Arts Independent Study</u></b>	<b>8891</b>	<b>GRADE 12</b>	<b>SEMESTER/ELECTIVE</b>
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# PHYSICAL EDUCATION



**PHYSICAL EDUCATION**

**Course Numbers: 9101 - 9401**

**All courses are College-Preparatory.**

**Requirement: All students are required to take 4 years of the Physical Education sequence, and 3 quarters of Health.**

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**Physical Education I, II, III, and IV 9101, 9201, 9301, 9401 GRADE 9, 10, 11, 12 YEAR/REQUIRED**

The goal of the course is to provide students with a wide variety of activities to maintain their wellness. Each class will begin with a daily reflection that focuses on social emotional components. Elements of project adventure and cooperative games and team sports are included in each grade level. Lifetime activities and wellness activities are offered throughout the course. Physical fitness is incorporated into aspects of the curriculum. This is used to provide students with an opportunity to set their own fitness goals.

**Health I Freshmen 9111 GRADE 9 SEMESTER/REQUIRED**

Each class will begin with a 10 minute daily reflection to help students become their best selves! The goal of these activities is to help individuals create a life that is motivated, optimistic, vibrant, empathetic and strong. The main focus of the course is to encourage students to use the decision making techniques that are presented in class to promote overall health and reach their optimum level of wellness. Through class discussions, research projects, presentations and skits, students learn how to make the best decisions for a healthy lifestyle while developing a good sense of self, strong character and healthy relationships.

**Health II Sophomores 9211 GRADE 10 QUARTER/REQUIRED**

This course is designed to provide accurate health information to help students maintain a healthy lifestyle. The goal of the course is to recognize influences on healthy behaviors and be able to use skills learned to make decisions that would prevent health risks. Students will analyze family life topics and practice decision making skills through class discussions, research assignments, group work and written reflections.



# COMMUNITY SERVICE



## **COMMUNITY SERVICE**

Community Service is a requirement for graduation at the Academy. It consists of 20 hours of service from an institution or organization approved by the Campus Ministry Office, a completed evaluation form, and a three to four-page reflection paper. The guidelines for all aspects of this graduation requirement are set forth in the Student Handbook. This requirement must be completed by mid-September of junior year. Refer to the Student Handbook and the Campus Ministry BlackBaud page for details.



# CURRICULUM OVERVIEW



**CURRICULUM OVERVIEW TABLE - AHA GRADUATION AUDIT**

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Seniors are encouraged to take  
**ONLY 7 courses**

<b>1</b>	RELIGIOUS STUDIES I		<u>RELIGIOUS STUDIES II</u>		RELIGIOUS STUDIES III	RELIGIOUS STUDIES IV	
<b>2</b>	ENGLISH I		<u>ENGLISH II</u>		ENGLISH III	ENGLISH IV	
<b>3</b>	WORLD HISTORY		US HISTORY I		US HISTORY II	ELECTIVE (2 semester or 1 year course)	
<b>4</b>	MATHEMATICS (ALGEBRA I or GEOMETRY)		<u>MATHEMATICS</u>		MATHEMATICS	ELECTIVE (2 semester or 1 year course)	
<b>5</b>	SCIENCE - BIOLOGY		<u>SCIENCE – CHEMISTRY</u>		SCIENCE - PHYSICS	ELECTIVE (2 semester or 1 year course)	
<b>6</b>	WORLD LANGUAGE		WORLD LANGUAGE		WORLD LANGUAGE	ELECTIVE (2 semester or 1 year course)	
<b>7</b>	TECH Computer Applications (1 semester)	FINE & PERFORMING ARTS (1 quarter each of Art & Music Appreciation)	FINE & PERFORMING ARTS (1 semester)	ELECTIVE (1 semester)	ELECTIVE (2 semester or 1 year course)	HUMANITIES-H/ECP, or ART HISTORY – AP, or MUSIC THEORY - AP	
<b>8</b>	PHYSICAL ED I / HEALTH		PHYSICAL ED II / HEALTH		PHYSICAL EDUCATION III	PHYSICAL EDUCATION IV	

## **CURRICULUM OVERVIEW BY GRADE LEVEL**

### **MINIMUM REQUIREMENTS FOR GRADUATION**

Religious Studies	4 years	Fine & Performing Arts	2 years (includes either Humanities or Art History)
English	4 years	Physical Education	4 years
History	3 years	Electives	Equivalent of 2.5 year courses
Mathematics	3 years	Technology	1 semester
Science	3 years	Community Service	20 hrs Completed before Jan of Junior year
World Language	3 years (of the same language)	Health	2 semesters

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**FULL YEAR COURSES**

<u>9th Grade</u>	<u>10th Grade</u>	<u>11th Grade</u>	<u>12th Grade</u>
<b>Religion:</b> God's Revelation in Scripture Prayer: SSND Charism and Spirituality	<b>Religion:</b> Morality: Life in Christ  Who is Jesus Christ?  Catholic Social Teaching: Living As a Disciple of Jesus Christ in Society	<b>Religion:</b> World Religions  Sacraments: Encounters with Jesus	<b>Religion:</b> Christian Lifestyles  Death & Dying (Quarter)  Ethical Issues in Today's World Search for Meaning (Quarter) Peacemaking (Quarter)
<b>English:</b>	<b>English (American Literature):</b>	<b>English: (English Literature)</b>	<b>English (World Literature):</b>
English I English I Honors English I High Honors	English II English II Honors  English II High Honors	English III English III Honors  English III - High Honors	English IV English IV Honors English IV Literature & Comp AP
<b>History:</b>	<b>History:</b>	<b>History:</b>	<b>History:</b>
World History World History - Honors World History - High Honors	US History I  US History I- Honors US History I - High Honors	US History II  US History II – Honors  US History II - AP	Government & Politics – AP International Studies- Honors / ECP
<b>Math:</b>	<b>Math:</b>	<b>Math:</b>	<b>Math:</b>
Algebra I Algebra I - Honors Algebra I - High Honors	Geometry  P&S Geometry - Honors P&S Geometry - High Honors	Algebra II  Algebra II - Honors  Algebra II - High Honors	Precalculus  Precalculus - Honors  Precalculus - High Honors
Algebra I Algebra I - Honors Algebra I - High Honors	Geometry  P&S Geometry - Honors P&S Geometry - High Honors  <i>and:</i> Algebra II Algebra II - Honors Algebra II - High Honors	Probability & Statistics  Statistics - AP  Precalculus  Precalculus - Honors Precalculus - High Honors	Probability & Statistics  Statistics - AP  Calculus Calculus - High Honors/ECP Calculus – AP AB and BC
Geometry P&S Geometry- Honors	Algebra II  Algebra II – Honors	Precalculus  Precalculus – Honors	Calculus Calculus – High Honors/ECP
Algebra I/P&S Geo - HH	Algebra II – High Honors	Precalculus – High Honors	Calculus – AP AB and BC

*or:*

P&S Geometry–  
High Honors

Probability & Statistics  
Statistics – AP  
Computer Science A –  
Advanced Placement

Probability & Statistics  
Statistics - AP  
Computer Science A –  
Advanced Placement

Algebra II  
Algebra II -  
Honors  
Algebra II - High  
Honors

Precalculus  
Precalculus - Honors  
Precalculus - High Honors

Calculus  
Calculus - High  
Honors/ECP  
Calculus – AP AB and BC  
Probability & Statistics  
Statistics – AP  
Computer Science A –  
Advanced Placement

Calculus  
Calculus - High  
Honors/ECP  
Calculus – AP AB and BC  
Probability & Statistics  
Statistics – AP  
Computer Science A –  
Advanced Placement

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**Science:**

Biology  
Biology – Honors

**Science:**

Chemistry  
Chemistry – Honors  
Chemistry – High Honors

**Science:**

Physics, CP, H  
Biology – AP  
Chemistry – AP  
Environmental Science  
Honors/ECP  
Physics 1 – AP

**Science:**

Physics – CP, H, AP  
Anatomy & Physiology  
Anatomy & Physiology –  
Honors/ECP  
Biology – AP  
Chemistry – AP  
Environmental  
Science/ECP

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**World**

**Languages:**

French I or French  
I-Honors  
French II- CP or  
Honors  
Italian I or Italian  
I Honors  
Italian II- CP or  
Honors  
Latin I-Honors  
Latin II- Honors  
Spanish I or  
Spanish I H

**World Languages:**

French II or French II-  
Honors  
French III or French III-  
Honors  
Italian II or Italian II-  
Honors  
Italian III or Italian III-  
Honors  
Latin II – Honors  
Latin III-Honors  
Latin III- High Honors  
Spanish II or Spanish II-  
Honors

**World Languages:**

French III or French III-  
Honors  
French IV-Honors/ECP, V-  
AP  
Italian III or Italian III-  
Honors  
Italian IV-Honors/ECP  
Latin III Honors  
Latin III High Honors  
Latin IV High Honors, V  
AP  
Spanish III CP or H or HH

**World Languages:**

French IV- H/ECP or  
French V AP  
French V-AP  
Italian IV- H/ECP or  
Italian V AP  
Italian V – AP  
Latin IV High Honors  
Latin V – AP  
Latin VI – Lyric & Elegiac  
Poetry – Honors  
Span IV- CP or H

Spanish II- CP or Honors

Spanish III- CP or H or HH

Spanish IV-CP or H

Spanish V – AP

**All Honors, High Honors, and AP have prerequisites. Please refer to the Curriculum Guide for more information and full course descriptions.**

**10<sup>th</sup>, 11<sup>th</sup>, and 12<sup>th</sup> Grade you can double up in any language at any level/year.**

**ELECTIVE AND SEMESTER COURSES**

<u>9<sup>th</sup> Grade</u>	<u>10<sup>th</sup> Grade</u>	<u>11<sup>th</sup> Grade</u>	<u>12<sup>th</sup> Grade</u>
	<b>English/Communications</b> :	<b>English/Communications</b> :	<b>English/Communications</b> :
	Communications	Communications	Communications
	Journalism	Journalism	Journalism
	Film	Film	Film
	East Asian Literature	East Asian Literature	East Asian Literature
	Creative Writing	Creative Writing	Creative Writing
	<b>History:</b>	<b>History:</b>	<b>History:</b>
	Economics	Economics	Economics
	Macroeconomics – AP	Macroeconomics – AP	Macroeconomics – AP
			Psychology
			Sociology
			International Studies- H/ECP (year)
	<b>Mathematics:</b>	<b>Mathematics:</b>	<b>Mathematics:</b>
	Introduction to Creative Coding	Introduction to Creative Coding	Introduction to Creative Coding
	Introduction to Computer Science	Introduction to Computer Science	Introduction to Computer Science
	<b>Science:</b>	<b>Science:</b>	<b>Science:</b>
	Engineering: Models and Tool Kits	Engineering: Models and Tool Kits	Engineering: Models and Tool Kits
	Robotics and Automation	Robotics and Automation	Robotics and Automation
		Environmental Science- Honors / ECP	Sports Medicine
			Environmental Science
<b>Technology (required):</b>	<b>Technology:</b>	<b>Technology/Business:</b>	<b>Technology/Business:</b>
Computer Applications	Digital Design	Digital Design	Digital Design
	Personal Finance	Digital Media	Digital Media
		Personal Finance	Personal Finance
		Principles of Business-I	Principles of Business-I

Marketing

Marketing

Principles of Business - II  
Principles of Accounting -  
H (year)  
Marketing

**Fine Arts:  
(required):**

**Fine Arts::**

**Fine Arts::**

**Fine Arts::**

Art I (quarter)

Art II  
Drawing  
Painting  
Color and Design  
Graphic Arts  
  
Photography I

Art II  
Drawing  
Painting  
Color and Design  
Graphic Arts  
Studio Art I - Honors  
(year)  
\*Art History - AP (year)  
  
Photography I  
Photography II

Art II  
Drawing  
Painting  
Color and Design  
Graphic Arts  
Studio Art I - Honors  
(year)  
Studio Art II - AP (year)  
\*Art History - AP (year)  
  
Photography I  
Photography II

Music  
Appreciation  
(quarter)  
Instrumental  
Music Lessons

Instrumental Ensemble  
  
Musical Theater  
Theater Arts I  
Theater Arts II  
Music Theory (year)  
\*Instrumental Music  
Lessons (year)

Instrumental Ensemble  
  
Musical Theater  
Theater Arts I  
Theater Arts II  
Music Theory (year)  
\*Instrumental Music  
Lessons (year)

Instrumental Ensemble  
  
Musical Theater  
Theater Arts I  
Theater Arts II  
Music Theory (year)  
Theater Arts -Independent  
Study  
  
\*Instrumental Music  
Lessons (year)

Academy Orchestra

Academy Orchestra

\*Humanities - H  
(year)/ECP  
Academy Orchestra

\*Humanities - H (year)/ECP  
Academy Orchestra

AP Music Theory

AP Music Theory

AP Music Theory

Piano Performance

Piano Performance

Piano Performance

Musical Activism

Musical Activism

Musical Activism

**Physical  
Education:**

**Physical Education:**

**Physical Education:**

**Physical Education:**

Health I

Health II

Electives are a Semester unless otherwise noted. All Honors, High Honors, and AP courses have prerequisites. Please refer to the Curriculum Guide for more information and a full description of

courses.

\*Students must take Humanities - H OR AP Art History – AP OR AP Music Theory to fulfill their Fine & Performing Arts requirement.

\*Two years of Pull-Out Lessons is equal to one semester of a fine and performing arts credit required.



Advanced  
Placement  
Program  
(AP Courses)



<b>AHA ADVANCED PLACEMENT PROGRAM</b> <b>Course Offerings</b>
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	<b>Sophomore Year</b>	<b>Junior Year</b>	<b>Senior Year</b>
<b>English Literature &amp; Composition</b>			<b>X</b>
<b>US History</b>		<b>X</b>	
<b>US Government &amp; Politics</b>			<b>X</b>
<b>Macroeconomics</b>	<b>X</b>	<b>X</b>	<b>X</b>
<b>Statistics</b>		<b>X</b>	<b>X</b>
<b>Calculus AB</b>		<b>X</b>	<b>X</b>
<b>Calculus BC</b>		<b>X</b>	<b>X</b>
<b>Computer Science Principles</b>	<b>X</b>	<b>X</b>	<b>X</b>
<b>Computer Science A</b>		<b>X</b>	<b>X</b>
<b>Biology</b>		<b>X</b>	<b>X</b>
<b>Chemistry</b>		<b>X</b>	<b>X</b>
<b>Physics 1</b>		<b>X</b>	<b>X</b>
<b>Physics 2</b>			<b>X</b>
<b>French Language and Culture</b>		<b>X</b>	<b>X</b>
<b>Italian Language and Culture</b>		<b>X</b>	<b>X</b>
<b>Latin</b>		<b>X</b>	<b>X</b>
<b>Spanish Language and Culture</b>		<b>X</b>	<b>X</b>
<b>Studio Art - 2D Design/Drawing</b>			<b>X</b>
<b>Art History</b>		<b>X</b>	<b>X</b>
<b>Music Theory</b>	<b>X</b>	<b>X</b>	<b>X</b>
<b>English Language &amp; Composition</b>		<b>X (test only)</b> <b>Students enrolled</b> <b>in English III –</b> <b>HH only</b>	<b>Rev. 1/25</b>

<b>ADVANCED PLACEMENT (AP) POLICY</b>
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Several academic disciplines offer Advanced Placement (AP) Courses to students who have demonstrated through past achievement that they are able to handle college-level courses in high school. Candidates must meet all appropriate criteria for placement in these courses. These courses are rigorous. Students are asked to discuss their participation in these classes with their teachers, parents and counselors. **Students are required to complete summer assignments and readings prior to the start of some AP courses. Therefore, no student may transfer in September to an AP course which requires summer assignments and readings.**

Once enrolled, students are expected to fulfill all course requirements including sitting for the AP exam in May.

**\*Consistent lack of achievement in the course may result in teacher’s recommendation that the student be withdrawn from the AP course.** Further, at the teacher’s discretion, students may be required to

take both the AP exam and the final exam. Such decisions may be rendered up to and including the day after the administration of the AP exam in that subject.

AP exams are administered at the Academy for a fee set by the College Board (approximately \$100 per exam). The exams are scored by the College Board. Colleges may grant credit based upon the student's AP score. Students who for any reason do not take the AP exam on the designated date must take the AP Late-Testing exam on the date and time determined by the College Board and pay the Late-Testing fee (approximately \$45 per exam). By enrolling in an AP course at AHA, you're letting colleges and universities know that you have what it takes to succeed in a competitive college undergraduate environment. AP courses signal to admissions officers that you've undertaken the most rigorous classes your high school offers. In the increasingly competitive admissions process, this knowledge can be very valuable.

### AP EXAMS IN SUBJECTS NOT OFFERED AT AHA

Although AHA offers a comprehensive AP program to our students, there are other AP courses available which can be taken at AHA or off-campus. Students may not take an AP exam in a subject offered at AHA without being enrolled in the AP course at AHA.

AP exams in disciplines not offered at AHA may be administered to students who are enrolled in, or have successfully completed, a College Board, Inc. approved course or program in that subject area. Students seeking to take an AP exam in a discipline offered at AHA, but are not enrolled in the course may do so under specific guidelines outlined in the AP Policy Agreement Form. Before enrolling in any program:

- Speak with your College Counselor regarding this academic pursuit
- Speak with the AP Coordinator, Mrs. Goff, regarding registration and payment procedures. Not all AP exams may be taken at AHA. The AP Coordinator reserves the right to determine which exams can be offered at AHA in a given year.
- If approved, enroll in a College Board, Inc. Approved Course.
- **If student chooses to self-study, the AP Exam(s) may not be taken at AHA.**
- Complete the AP Policy Agreement Form (found on OACC Blackbaud) and attach confirmation of enrollment in a College Board, Inc. approved course.

These items should be addressed at the beginning of the academic school year in which the student would like to take an exam. **The deadline to submit the AHA AP Policy Agreement Form to Mrs. Goff, is no later than the last school day in September.**

**Students enrolled in a College Board approved course will not receive recognition or credit on their AHA transcript. In addition, students taking an AP exam in a discipline offered at AHA, but are not enrolled in the course, will not receive recognition or credit on their AHA transcript.** However, students can report their scores on their College Applications or College Resume to enhance their overall profile.

### COLLEGEBOARD APPROVED PROGRAMS

**Johns Hopkins Center for Talented Youth – CTY Online**

<https://cty.jhu.edu/programs/online>

**Apex Learning Virtual High School**

<https://www.apexlearningvs.com/academics/part-time/advanced-learning/>

**VHS Learning**

<https://www.vhslearning.org/educators/what-vhs-offers/advanced-placement>

## One Schoolhouse

<https://www.oneschoolhouse.org/parent-information>

**If the AP exam you would like to take is not available at AHA:**

Visit the AP Course Ledger Site (<https://apcourseaudit.inflexion.org/ledger/>) to find a school nearest to you, or call or email AP services and they can find a testing site nearest to you.

AP Services – Phone: 888-225-5427

Email: <https://form.collegeboard.org/f/ap-services-inquiry>

If you have any questions, please speak with Mrs. Goff, AP Coordinator at [rgoff@holyangels.org](mailto:rgoff@holyangels.org) or 201-768-7822 ext. 206.

## AP COURSE DESCRIPTIONS AND REQUIREMENTS

### English IV Literature & Composition – Advanced Placement 1404 GRADE 12

#### YEAR

This college level course covers a variety of genres and periods. Emphasis is placed on interpretation of ideas and themes, along with other literary elements, as well as evaluation of style. The format of this course allows for the development of the unique responses of each student. Independent research and critical written analysis are stressed. A literary research/term paper is also required.

**Prerequisite(s): Honors Students** – 95% Average, and a 92% average in Essay/Writing (including the Literary Term Paper), sit for the AP Literature Qualifying Exam in February.

**High Honors Students** – 90% Average, and a 90% average in Essay/Writing

**Note:** All students take the AP Literature and Composition Exam in May.

### United States History II – Advanced Placement 2304 GRADE 11

#### YEAR

This U. S. History course is designed to offer junior students who are capable of pursuing college-level studies in history the opportunity of working at an advanced level. Critical essays based on assigned outside readings, DBQs, and research/position papers are required regularly.

**Prerequisite(s): High Honors Students** - 90% in US History I – High Honors and 90% in English II

**Honors Students** - 95% in US History I H and 92% English (H or HH)

**\* Additionally, any materials/chapters not covered in US History I Honors are the students' responsibility and must be covered independently before the start of AP US History in September.**

**Department recommendation and department administered qualifying test for US History I HH and H students.**

**Note:** All students take the AP Exam in May.

**Note:** All students are required to complete a summer assignment that is due the 1<sup>st</sup> day of class in September. This assignment is in addition to the Holy Angels summer reading program.

### Macroeconomics- AP 2804 GRADE 10, 11, 12 SEMESTER / ELECTIVE

This is a one semester course taught in the spring that is open to tenth, eleventh and twelfth graders who took the Economics elective and scored over an 88% for their cumulative grade. The course is rigorous and will require hard work, effort, and significant time studying outside the classroom. Many different topics will be taught including: international trade, aggregate supply and demand, reading and using economic indicators (CPI, GDP, and Gini Index), the pricing system, the banking system, monetary policy, fiscal policy, and finance. The course will also improve student's critical thinking skills, their ability to read and interpret graphs, and their knowledge of finance and public policy.

**Prerequisite(s):** Successful completion of Economics course with a minimum grade of 88% and teacher recommendation.

**Government and Politics U.S. – Advanced Placement                      2404      GRADE 12                      YEAR/ELECTIVE**

This course is designed to offer senior students a college level survey of American government. Major emphasis is placed on political ideology, the evolution of democratic institutions and the political behavior of the American electorate.

**Prerequisite(s):** Minimum average of 90 in U.S. History I-HH and U.S. History II-AP

Minimum average of 92 in U.S. History I-H and U.S. History II-H

Minimum average of 92 in English-H or HH

Department administered qualifying test.

Department recommendation.

**Note:** All students are required to complete a summer assignment that is due on the first day of class in September. All must take the AP exam in May.

**Calculus (AB) -Advanced Placement                      3404                      GRADE 11, 12**  
**YEAR/ELECTIVE**

Students will continue to study limits and continuity begun in Precalculus. An introduction to the basic concepts of differential and integral calculus with applications to velocity, acceleration, curve sketching, related rates and max-min problems will be given. Techniques of differentiation and integration will be studied and applied to areas, radioactive decay, and volumes and surface areas of revolution. The theoretical development of each of these topics will be stressed. The course concludes with the Advanced Placement Examination in May. TI-84 Graphing Calculator is required.

**Prerequisite(s): High Honors Students** - 90% in Precalculus HH.

**Honors Students** - 96% in Precalculus H. Students will be expected to make up a chapter on the study of limits.

**Note:** All students take the AP Exam in May.

**Note:** All students are required to complete a summer assignment as further preparation. There will be an assessment based on the summer assignment during the first week of school in September.

**Calculus (BC) -Advanced Placement                      3414                      GRADE 11, 12                      YEAR / ELECTIVE**

This course covers all topics of Calculus of functions of a single variable as described in the AP Calculus BC topic outline in the AP Calculus Course Description. Calculus BC includes all topics covered in Calculus AB plus additional topics including Techniques of Integration, parametric, vector, and polar functions; sequences and series (including the Taylor and Maclaurin series). It is designed to develop the student's understanding of the concepts covered in the first two semesters of college level Calculus. The course concludes with the Advanced Placement Examination in May.

**Prerequisite(s): High Honors Students** - 96% in Precalculus HH

**Note:** A TI-84 Graphing Calculator is required

**Note:** All students take the AP Exam in May.

**Note:** All students are required to complete a summer assignment as further preparation. There will be an assessment based on the summer assignment during the first week of school in September.

**Statistics-Advanced Placement                      3424                      GRADE 11, 12                      YEAR / ELECTIVE**

This course is open to juniors and seniors who have satisfactorily completed Precalculus-Honors or Precalculus-High Honors or who are taking either of these courses simultaneously with AP Statistics. The focus of this course is on problem solving. The course will introduce students to the major concepts and tools for collecting, analyzing and drawing inferences from data. Students will concentrate on the following topics: exploring data, planning a study, anticipating patterns and statistical inferences.

**Prerequisite(s): Honors Students** - 90% in Math H and English H courses

**High Honors Students** - 88% in Math HH and English HH courses.

Teacher recommendation is required.

**Note:** TI-84 Graphing Calculator is required.

**Note:** All students take the AP Exam in May.

**Computer Science Principles- Advanced Placement 3804 GRADE 10, 11, 12 SEMESTER /ELECTIVE**

This is a one semester course taught in the spring that is open to 10th, 11th, and 12th graders who have successfully completed the Introduction to Computer Science course with a minimum average of 88%. This is a rigorous course which will involve significant time studying outside of the classroom. Through lecture and projects, students will be given hands on experience with computer, programming and coding skills that gear towards the technology industry. This course will also serve as a prerequisite to the AP Computer Science A course.

**Prerequisite(s):** This course is open to all 10th, 11<sup>th</sup>, and 12th graders who have completed Geometry and successfully completed the Introduction to Computer Science course with a minimum average of 88%.

**Computer Science A - Advanced Placement 3704 GRADE 11, 12 YEAR / ELECTIVE**

The AP Computer Science A course is equivalent to a first-semester, college-level course in computer science. The course continues to make students familiar with fundamental computer science topics such as: problem solving, design strategies, organization of data, approaches to processing data, analysis of potential solutions, data structures, abstraction and the ethical and social implications of computing. The course uses the programming language Java to emphasize object-oriented programming methodology with a focus on problem solving and algorithm development.

**Prerequisite(s):** Satisfactory completion of AP Computer Science Principles with an 87% semester average and 80% in the final project.

**Note:** All students take the AP Exam in May.

**Biology- Advanced Placement 4704 GRADE 11, 12 YEAR**

This college level course prepares the student for the Advanced Placement Biology Examination. Cellular and molecular biology, genetics, evolution, biotechnology, plant and animal systems, and ecology will be studied in depth. The class focuses on the inquiry-based learning of essential concepts and the content that supports them. Laboratory investigations help develop advanced inquiry and reasoning skills. Graphing calculators are required.

**Prerequisite(s):** 90% in Biology-H or 93% in Biology  
90% in Chemistry HH or 95% Chemistry-H or 97% in Chemistry  
80% on semester exams. (Teacher recommendations and prior attendance record considered).

**Chemistry-Advanced Placement 4714 GRADE 11, 12 YEAR**

This college level course prepares students for the Advanced Placement Chemistry Examination. Structure of matter, states of matter, gas laws, redox reactions, stoichiometry, chemical reactions, thermochemistry, molecular structure, equilibrium, kinetics, organic chemistry, nuclear chemistry, acid-base theory, and electrochemistry will be studied in depth. Descriptive chemistry will be covered in depth and laboratory exercises will reinforce the principles learned. The class focuses on the inquiry-based learning of essential concepts and the content that supports them. Laboratory investigations help develop advanced inquiry and reasoning skills. Graphing calculators are required.

**Prerequisite(s):** 96% in Biology or 92% in Biology H  
95% in Chemistry H or 90% in Chemistry HH, or 97% in Chemistry.  
and...  
95% in Algebra I or in Geometry, 90% Algebra I H or in Geometry H, or 87% in Algebra I – HH or in Geometry HH. (Teacher recommendations and prior attendance record will be considered).

**Physics 1- Advanced Placement 4504 GRADE 11, 12 YEAR**

Experience the equivalent of a first-semester college class in general physics as you take this fast-paced, inquiry-based laboratory course. This is an excellent opportunity for students who plan to major in engineering or the sciences. A thorough background in algebra and knowledge of trigonometry are required. AP Physics I emphasizes conceptual understanding and mathematical problem-solving. Topics include Newtonian mechanics

(including linear and rotational kinematics, dynamics, and momentum); work, energy, and power; and Fluid Mechanics. Scientific or graphing calculators are required.

**Prerequisite(s):** 95% in Chemistry H, 91% in Chemistry HH, or 97% in Chemistry.

and...

95% in Algebra I H or Geometry H, 91% Algebra I HH or Geometry HH of 91%.

97% in Algebra II and/or Precalculus, 92% in Algebra II H and/or Precalculus H, 90% in Algebra II HH and/or Precalculus HH. (Teacher recommendations and prior attendance record will be considered).

### **Physics 2- Advanced Placement**

**4414**

**GRADE 12**

**YEAR**

Take an algebra-based course that is equivalent to a second-semester college course in general physics. Students who plan to major in engineering or the sciences benefit from this fast-paced, inquiry-based laboratory course, which emphasizes conceptual understanding and mathematical problem-solving. Areas of study include electrical circuits, thermodynamics, electricity and magnetism, optics, and atomic and nuclear physics. Students in this course must have a thorough background in algebra and knowledge of trigonometry. Scientific or graphing calculators are required.

**Prerequisite(s):** 95% in Physics - H or 85% in AP Physics 1...and...

92% in Algebra II H or Precalculus H

90% in Algebra II HH or Precalculus HH (Teacher recommendations and prior attendance record considered).

### **French V- Language and Culture Advanced Placement 5404 GRADE 11, 12 YEAR / ELECTIVE**

This college level course prepares the students for the Advanced Placement French Language and Culture Examination. Essential to the course is the development of a high degree of competency in three modes of communication: interpretive, interpersonal and presentational. Students will work with authentic literary selections, magazine and newspaper articles, radio and French TV programs. French grammar and francophone culture and literature are studied in the context of the six themes: 1- Global Challenges; 2- Science and Technology; 3- Contemporary Life, 4- Personal and Public Identities, 5- Families and Communities and 6- Beauty and Aesthetics.

**Prerequisite(s):** College Preparatory Students - 93% in French III

**Honors Students - 90% in French III H or 88% in French IV H**

Earning a satisfactory grade on the qualifying listening and speaking assessment.

**Note:** All students take the AP Exam in May.

**Note:** Student enrolled in this course are required to take the National Exam in March.

**Note:** All students are required to complete a summer assignment as further preparation. This assignment is due the 1<sup>st</sup> week of school in September. This assignment is in addition to the Holy Angels summer reading program.

### **Italian V Language and Culture – Advanced Placement 5424 GRADE 11, 12 YEAR / ELECTIVE**

This college level course prepares the students for the Advanced Placement Italian Language Examination. Essential to the course is the development of a high degree of competency in listening, speaking, reading and writing. Classes are conducted in Italian. Students will work with authentic literary selections, magazine articles, newspaper articles, and radio. An AP student must be able to give oral presentations in Italian. Advanced Placement Italian is equivalent to a 4<sup>th</sup> semester college course.

**Prerequisite(s):** 85% in Italian III-H and teacher recommendation.

**Note:** All students take the AP Exam in May.

**Note:** All students are required to complete a summer assignment as further preparation. This assignment is due the 1<sup>st</sup> week of school in September. This assignment is in addition to the Holy Angels summer reading program.

**Note:** Students enrolled in this course are required to take the National Exam in March.

**Latin Literature V – Advanced Placement 5434 GRADE 11, 12 YEAR / ELECTIVE**

The students will read selections from Vergil's *Aeneid*. Special attention is given to the style, versification and variations in grammar peculiar to poetry. Vocabulary development and sight translation are essential to this course. The history, mythology and culture of the Augustan Age are emphasized. **Students who are currently taking Latin III High Honors and wish to sit for the AP Latin Exam in May must be approved by the instructor. Additionally, they must meet with the Latin teacher at least two hours per cycle (times and days of the week to be determined) to review the required AP readings in Caesar and advanced concepts and grammar unique to the exam.** Students are expected to participate in the National Latin Exam.

**Prerequisite(s):** 90% in Latin III-HH.

**Note:** All students take the AP Latin Exam in May.

**Spanish V Language Culture – Advanced Placement 5444 GRADE 11, 12 YEAR /ELECTIVE**

This college level honors course prepares the student for the Advanced Placement Spanish Language examination. Essential to the course is the development of a high degree of competency in listening, speaking, reading and writing. Classes are conducted in Spanish. Students are encouraged to familiarize themselves with Spanish literary selections, Spanish magazine articles, newspaper articles, Spanish TV and radio. An AP student must be able to give oral presentations in Spanish. Advanced Placement Spanish is equivalent to a 3rd year college course.

**Prerequisite(s):** **Honors Students** - 92% in Spanish III H or 90% in Spanish IV H

**High Honors Students** - 90% Spanish III HH

**Note:** All students take the AP Exam in May

**Note:** All students are required to complete a summer assignment as further preparation. This assignment is due the 1<sup>st</sup> week of school in September. This assignment is in addition to the Holy Angels summer reading program.

**Studio Art - 2D Design/Drawing – Advanced Placement 8474 GRADE 12 YEAR/ELECTIVE**

This intensive version of Studio Art II is designed for the serious advanced art student who intends to pursue a course of study in Fine Arts at the college level *and* create a portfolio which fulfills the requirements of the AP Studio Art Exam. Students will further develop their skills in 2-D media, an understanding of formal and conceptual relationships, and their identity as an artist. Concurrent with Studio Art II Honors, this course emphasizes the conceptual and technical problems proposed by the AP Studio Art exam. This exam requires the completion of 21 art pieces, 16 of which must be based on a sustained investigation (theme) with documentation and written analyses. Students will participate in both formal and informal group critiques and complete written reflections about their work. Students must commit to independent study, experimentation and innovation without constant supervision. In addition to class, students must commit to four independent lab periods per cycle, when the instructor is not accessible for personal help. Limited enrollment.

**Prerequisite(s):** Studio Art I students must have a portfolio interview with the department in January during junior year to determine acceptance for the course. All students will complete summer assignments in preparation for Studio Art II.

**Art History - Advanced Placement 8464 GRADE 11, 12 YEAR / ELECTIVE**

This course is designed to give students a rigorous introductory college level course in art history from the early civilization to the postmodern era. The course will provide an understanding and knowledge of architecture, sculpture, painting and other art forms within diverse historical and cultural contexts. In the course, students examine and critically analyze major forms of artistic expression from the past and the present from a variety of cultures. Art History emphasizes understanding works in context, considering such issues as patronage, gender, and the function and effects of works of art. Course textbooks are the current edition of *Gardner's Art Through the Ages* and *Barron's AP Art History*. Course requirements include daily preparation for class discussions and quizzes, tests, essays, and quarterly museum report or thematic project.

**Prerequisite(s):** 90% or above in English-H and History-H; 85% or above in English-HH and History-HH.

**Note:** Students must be committed to an intense workload of frequent reading and writing assignments.

**Note:** All students are required to take the AP Exam in May. This course fulfills the one year Humanities graduation requirement.

**Music Theory-Advanced Placement      8804      GRADE 10, 11, 12      YEAR/ELECTIVE**

AP Music Theory is an introductory college-level course that allows students to cultivate their understanding of music theory through analyzing performed and notated music. Students will explore aspects of melody, harmony, texture, rhythm, form, music analysis, elementary composition, as well as music history and style. Musicianship skills such as rhythmic, melodic and harmonic dictation, as well as other listening skills such as sight-singing and keyboard harmony will be covered in this course. The student's ability to read and write music notation, as well as basic proficiency on either voice or an instrument are fundamental to this course.

**Prerequisite(s):** Students must take and pass a qualifying exam during the last week of January.

**Note:** All students are required to take the AP Exam in May. This course fulfills the one-year Humanities graduation requirement.

EARLY  
COLLEGE  
PROGRAM  
(ECP)



<b>AHA EARLY COLLEGE PROGRAM (ECP)</b> <b>Course Offerings</b>
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Junior Year

Senior Year

International Studies - Honors		X
Calculus - High Honors	X	X
Anatomy and Physiology - Honors		X
Environmental Science - Honors	X	X
French IV - Honors	X	X
Italian IV - Honors	X	X
Humanities - Honors	X	X

<b>EARLY COLLEGE PROGRAM (ECP) POLICY</b>
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There are seven (7) courses offered to Juniors and Seniors for which students can earn both high school credit and college credit, simultaneously.

These courses, offered through an affiliation with an accredited university, are AHA high school courses which have been evaluated by the university and deemed equivalent to college level. Upon satisfactory completion, each course will earn the student three undergraduate college credits.

Therefore, IF you are enrolled in any of these courses at AHA and also wish to simultaneously earn undergraduate college credit, you must register online in September through the university. The ECP program information is posted online at OACC Blackbaud page.

### **ECP COURSE DESCRIPTIONS AND REQUIREMENTS**

<b><u>International Studies - Honors/ECP</u></b>	<b>2E02</b>	<b>GRADE 12</b>	<b>YEAR /ELECTIVE</b>
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International Studies offers students an opportunity to learn about international issues through in-depth research, constructive dialogue and simulation. Students reconcile national interests with the needs of the international community, becoming immersed in an active learning process. By researching country backgrounds, students learn about the historical, religious and cultural institutions that influence a country's perspective. Through the study of displaced people and territorial disputes, students develop an understanding and tolerance for other cultures as well as the connection between resource distribution and conflict. Comprehensive project assignments are required throughout the year. This course does include a midterm and a final exam.

**Prerequisite(s):** Minimum 88 in CP U.S. History II  
 Minimum 85 in Honors U.S. History II  
 Department recommendation

**Note:** Students enrolled in this course are eligible for college credit through an accredited university's Early College Program. Separate registration in September is required through the university.

<b><u>Calculus - High Honors/ECP</u></b>	<b>3403</b>	<b>GRADE 11, 12</b>	<b>YEAR /ELECTIVE</b>
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In this course, students will continue to study the concepts of limits and continuity. The basic concepts of the derivative with its applications to velocity, acceleration, curve sketching, related rates, and max-min

problems will be studied in the first semester. The definite and indefinite integral will be introduced during second semester. Techniques of differentiation and integration of the trigonometric functions, the natural logarithmic function, the exponential function and the inverse trigonometric functions will be studied. Integration will be applied to finding area and volume.

**Prerequisite(s):** Students entering this course from Precalculus-HH must have a minimum average of 83%. Students entering this course from Precalculus-H must have a minimum average of 88%. TI-84 Graphing Calculator is required. Students not meeting the requirements for Calculus-Advanced Placement will also be placed in this course.

**Note:** Students enrolled in this course are eligible to receive college credit through an accredited university. Separate registration through the university is required.

**Note:** All students are required to complete a summer assignment as further preparation. This assignment is due the 1<sup>st</sup> week of school in September.

**Anatomy and Physiology - Honors /ECP 4402                      GRADE 12                      YEAR/ELECTIVE**

This course is offered to qualified seniors and comprises an in-depth introduction to the human body from anatomical and physiological perspectives with emphasis placed on understanding the relationship between structure and function. The integration of current health care topics, medical technology, and health related social issues will also be addressed. Laboratory sessions are designed to correlate with lecture topics to increase understanding.

**Prerequisite(s):** Minimum average of 85% in H Biology and H or HH Chemistry

Minimum average of 92% in CP Biology or CP Chemistry

Minimum grade of 80% in both Biology and Chemistry semester exams

(Teacher recommendations and prior attendance record will be considered).

**Note:** Students enrolled in this course are eligible to receive college credit through an accredited university. Separate registration through the university is required.

**Environmental Science – Honors /ECP 4722                      GRADE 11, 12                      YEAR/ELECTIVE**

This course will investigate the interactions between humans and our global environment. Students will be given the opportunity to examine the scientific, social, political, and economic aspects of contemporary environmental issues. Students will be able to find information and then evaluate its quality and analyze the veracity of the information. This class has been tailored to fit a hybrid model utilizing multiple facets of technology to expose students to diverse learning environments including independent study and discussion board. Educated students will understand how scientific investigations are done and how results and conclusions are reported in order to make informed decisions in their own lives. Current events, global warming, carbon foot printing, water pollution, and Trout in the Classroom are highlighted in this program as well as hands-on laboratory activities (including field work) raise global awareness and appreciation of our biosphere. Assessments include a variety of critical thinking exercises including, but not limited to, case studies, formative assessment questions, active reading, virtual labs, etc.

**Prerequisite(s):** Minimum average of 85% in both Biology Honors and 90% in Biology CP, and a minimum grade of 80% on both semester exams. Teacher recommendations and prior attendance record will be considered.

**Note:** Students enrolled in this course are eligible to receive college credit through an accredited university. Separate registration through the university is required.

**French IV – Honors/ECP 5402                      GRADE 11, 12                      YEAR /ELECTIVE**

This course is designed for students who wish to further their studies of French and learn more about the diversity of the Francophone culture. The course seeks to develop oral communicative skills and improve the reading and the writing skills. A review of the main elements of grammar is included.

**Prerequisite(s):** Minimum average of 85% in French III and teacher recommendation.

Minimum average of 83% in French III-H and teacher recommendation.

**Note:** Students enrolled in this course are eligible to receive college credit through an accredited university. Separate registration through the university is required. .





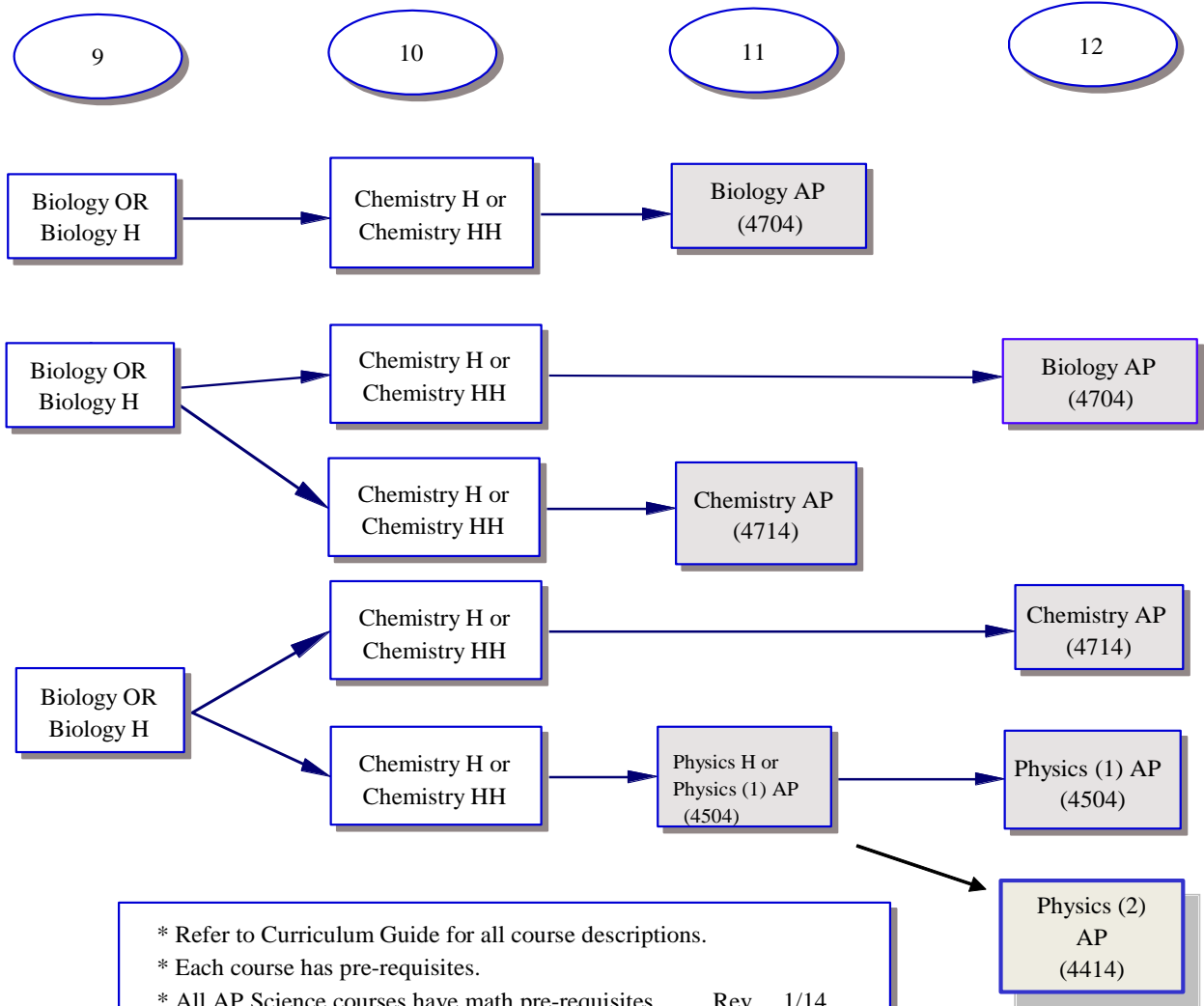
# AP CHARTS



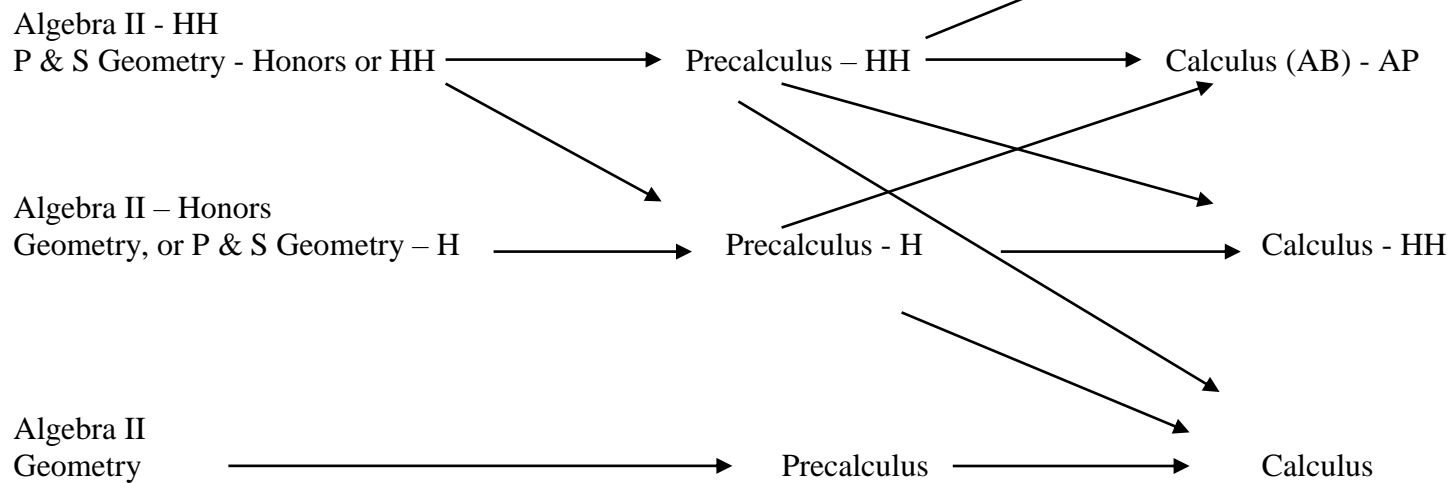
**AP CHARTS**

SCIENCE DEPARTMENT\*

**PATH TO AP SCIENCE COURSES**  
 BIOLOGY AP (4704), CHEMISTRY AP (4714), PHYSICS (1) AP (4504),  
 PHYSICS (2) AP (4414)



**Sophomore Year:  
Math Sequence for 2 Math Courses**

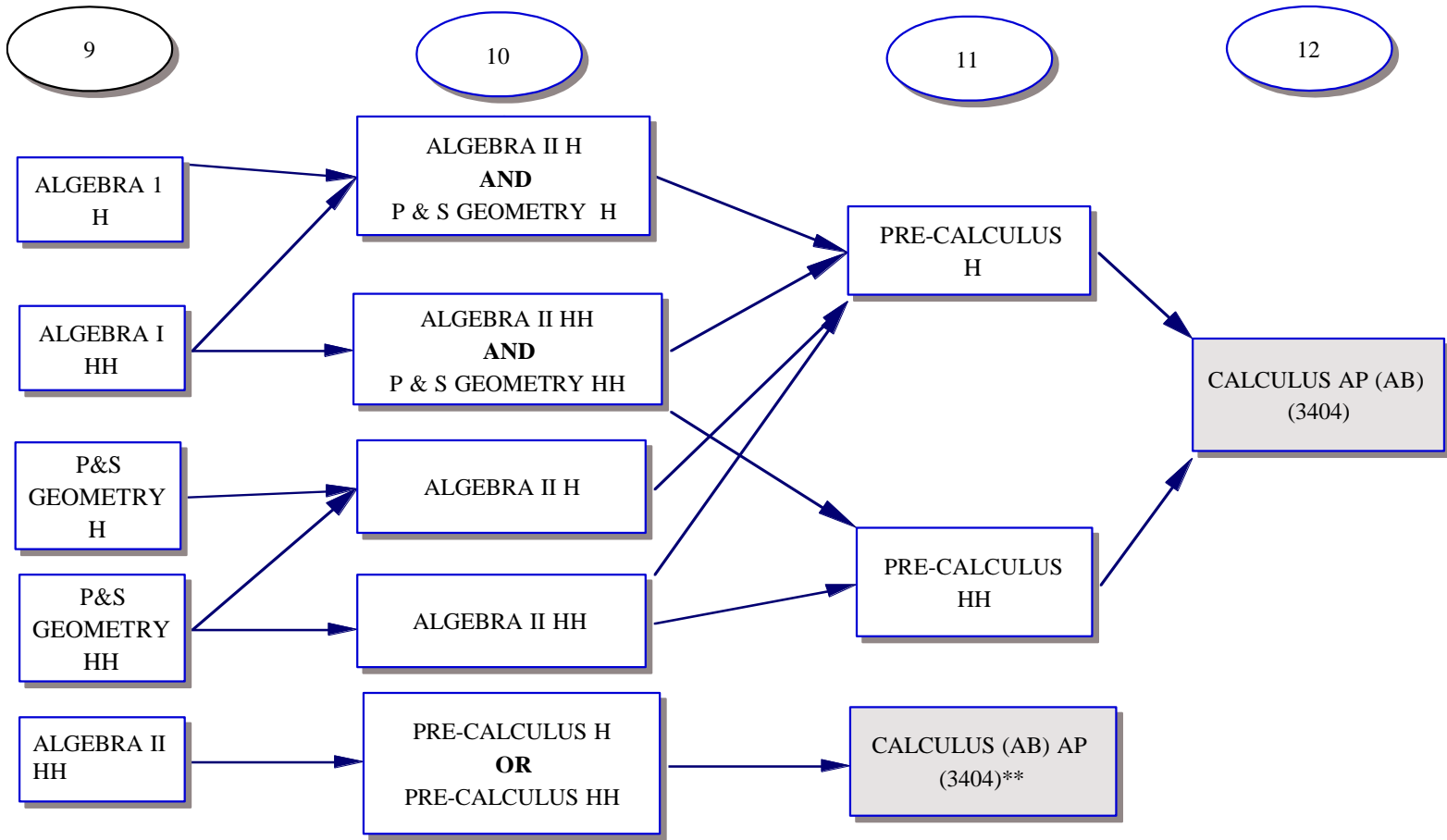


Notes:

- 1) Refer to AHA Curriculum Guide for all course descriptions.
  - 2) Each course has pre-requisites.
-

MATHEMATICS DEPARTMENT \*

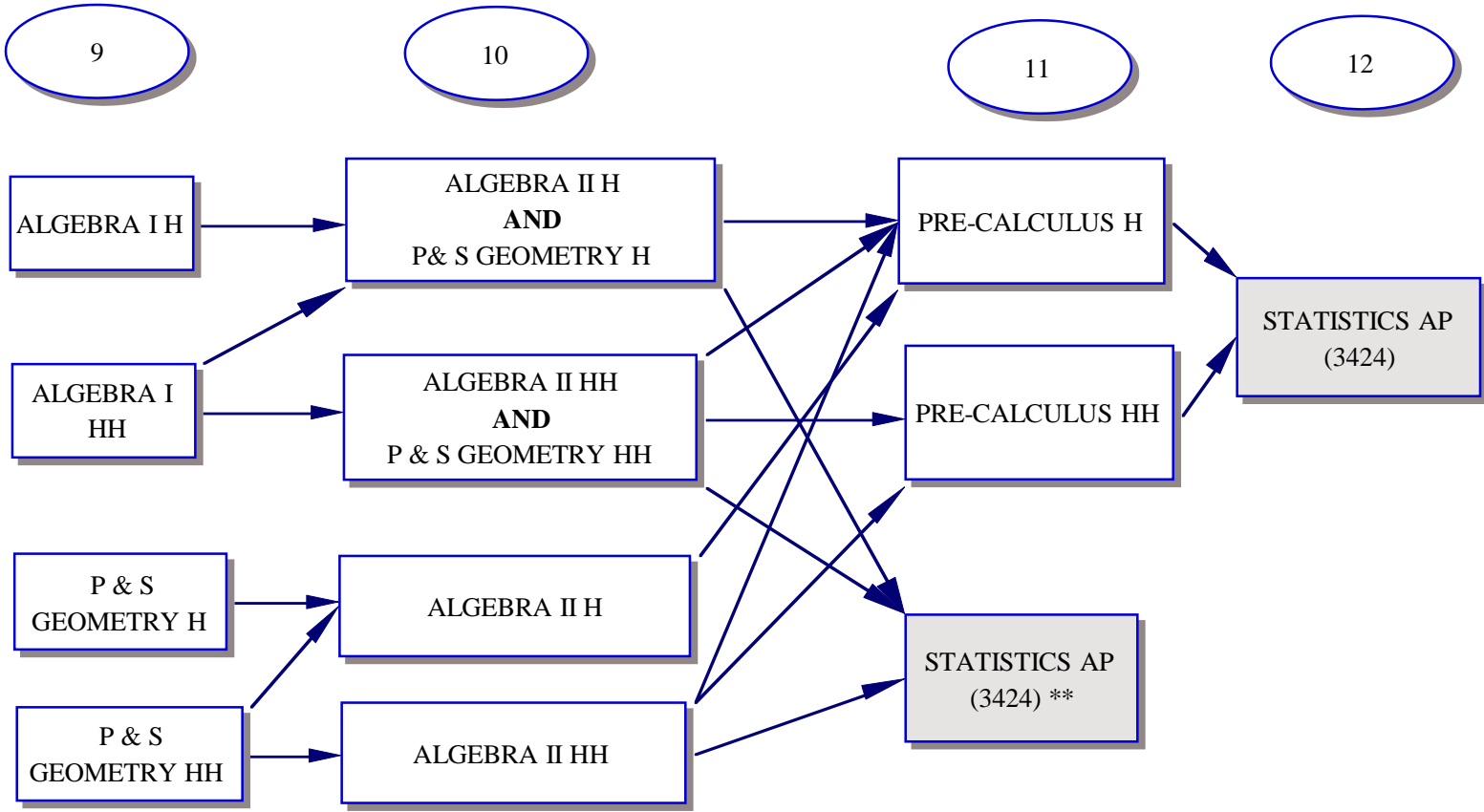
PATH TO CALCULUS  
(AB) AP  
(3404)



\* Refer to Curriculum Guide for all course descriptions.  
 \* Each course has pre-requisites.  
 \*\* Department approval is required to take Algebra II in 9th grade by placement test.  
 Rev. 1/13

MATHEMATICS DEPARTMENT\*

PATH TO STATISTICS AP (3424)



\* Refer to Curriculum Guide for all course descriptions.  
 \* Each course has pre-requisites.  
 \*\* Must be enrolled in Pre-Calculus H, Pre-Calculus HH, Calculus HH, OR Calculus (AB) AP  
 Rev. 1/13

SOCIAL STUDIES DEPARTMENT\*

PATH TO  
U.S. HISTORY AP (2304) GOVERNMENT &  
POLITICS U.S. AP (2404)

9

10

11

12

WORLD  
HISTORY

WORLD  
HISTORY H

WORLD  
HISTORY HH

U.S. HISTORY  
I H

U.S. HISTORY  
I-HH

U.S. HISTORY  
II H

U.S. HISTORY  
II AP (2304)

GOVERNMENT  
AND POLITICS  
U.S. AP (2404)

\* Refer to Curriculum Guide for all course descriptions.  
\* Each course has pre-requisites.  
\* AP Courses also have English pre-requisites      Rev. 1/17

ENGLISH DEPARTMENT \*

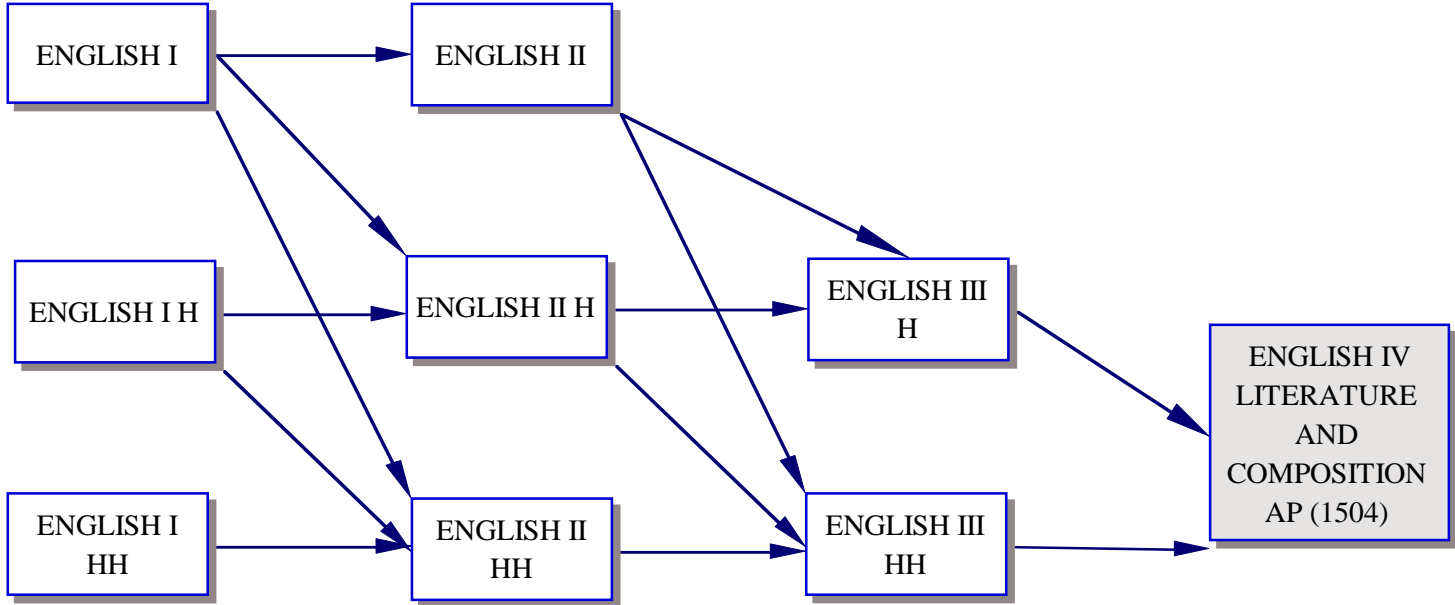
PATH TO  
ENGLISH IV LITERATURE &  
COMPOSITION AP (1504)

9

10

11

12



\* Refer to Curriculum Guide for all course descriptions  
\* Each course has pre-requisites  
Rev. 1/11



WORLD LANGUAGE  
DEPARTMENT\*

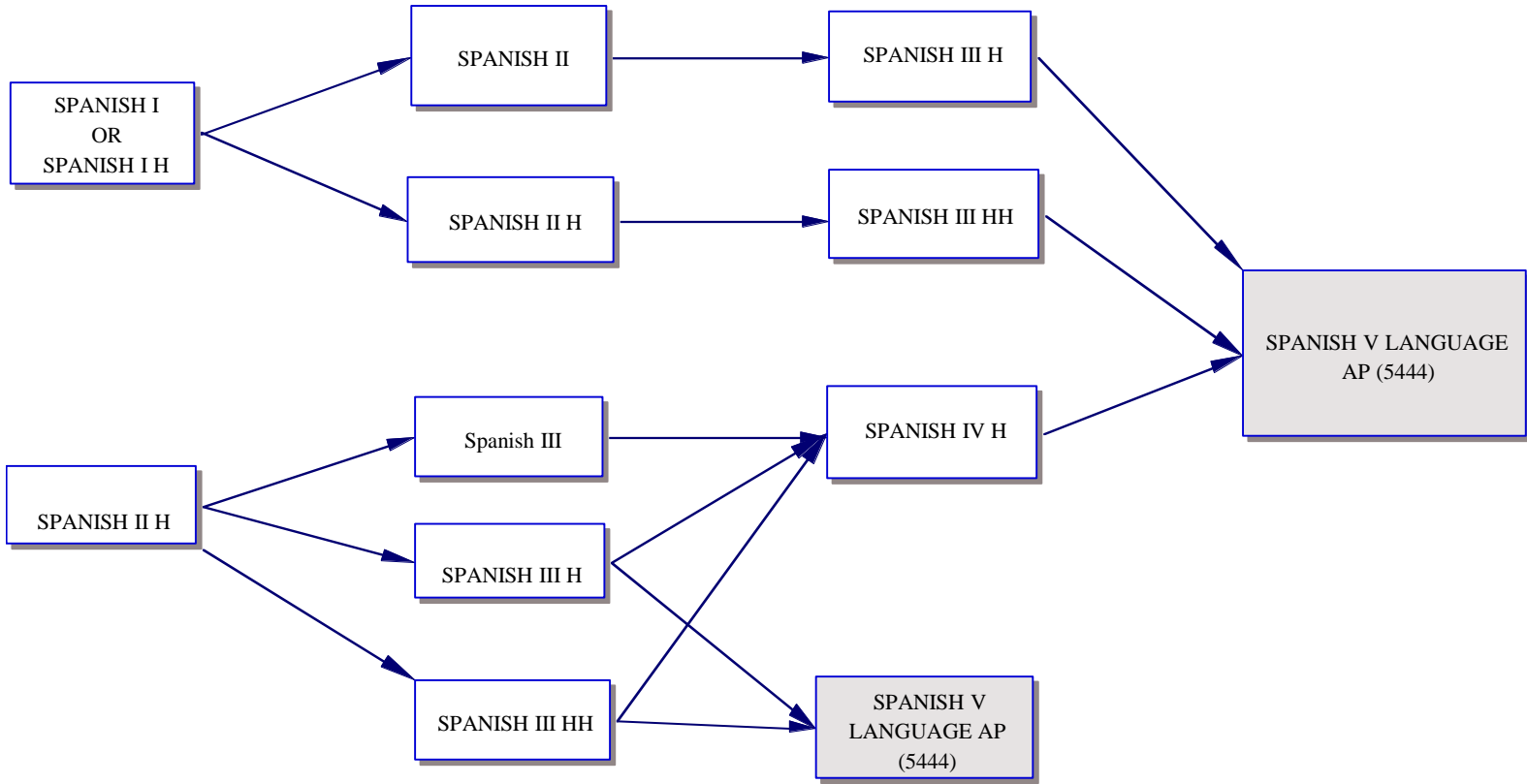
PATH TO  
SPANISH V LANGUAGE AP (5444)

9

10

11

12



\* Refer to Curriculum Guide for all course descriptions  
\* Each course has pre-requisites  
Rev 12/18



WORLD LANGUAGE  
DEPARTMENT \*

PATH TO  
FRENCH V LANGUAGE AND CULTURE AP  
(5404)

9

10

11

12

FRENCH I OR  
FRENCH I H

FRENCH II  
OR  
FRENCH II H

FRENCH III OR  
FRENCH III H

FRENCH V  
LANGUAGE AND  
CULTURE AP  
(5404)

FRENCH II H

FRENCH III OR  
FRENCH III H

FRENCH IV H

\* Refer to Curriculum Guide for all course descriptions.  
\* Each course has pre-requisites. Rev. 12/18



WORLD LANGUAGE  
DEPARTMENT \*

PATH TO  
ITALIAN V LANGUAGE AND  
CULTURE AP (5424)

9

10

11

12

ITALIAN I

ITALIAN II OR  
ITALIAN II H

ITALIAN III H

ITALIAN V  
LANGUAGE AND  
CULTURE AP (5424)

ITALIAN II H

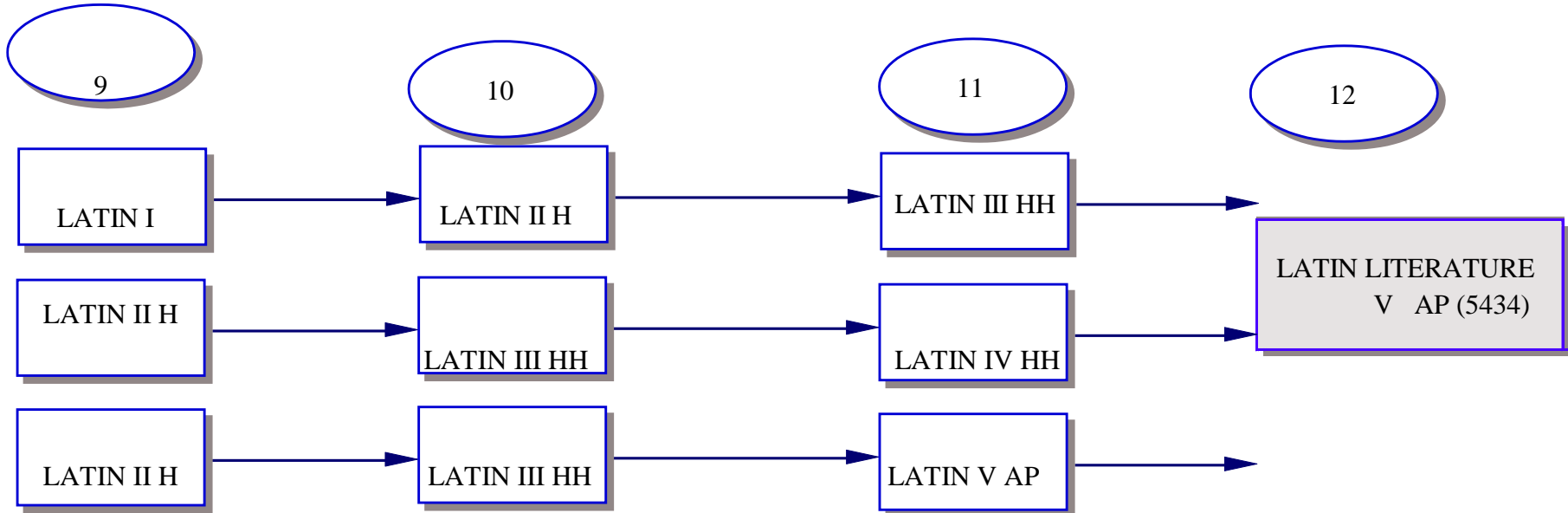
ITALIAN III OR  
ITALIAN III H

\* Refer to Curriculum guide for all course descriptions.  
\* Each course has pre-requisites. Rev. 12/18



WORLD LANGUAGE  
DEPARTMENT \*

PATH TO  
LATIN LITERATURE V AP  
(5434)



\*Refer to Curriculum Guide for all course descriptions  
\* Each course has pre-requisites  
Rev. 2/14

Fine and Performing Arts  
Department \*

PATH to  
Art History AP 8464  
Studio Art AP 8474

10

90 and Above  
in English H  
and History H

11

Art History  
AP 8464

12

Art History  
AP 8464

Studio Art I  
H 8362

Studio Art: 2D –  
AP  
Design/Drawing  
8474

\*Refer to Curriculum Guide for all course descriptions.  
\*Each course has pre-requisites.

Revised 2/16



# SCHEDULING AND GRADING POLICY



## SCHEDULING AND GRADING POLICY

### **Advanced Placement (AP) Policy**

Several academic disciplines offer Advanced Placement (AP) Courses to students who have demonstrated through past achievement that they are able to handle college - level courses in high school. Candidates must meet all appropriate criteria for placement in these courses. **These courses are rigorous and require students to be able to work independently.** Students are asked to discuss their participation in these classes with their teachers, parents and counselors. **Students are required to complete summer assignments and readings prior to the start of some AP courses. Therefore, no student may transfer in September to an AP course, which require summer assignments and readings.**

**If a student chooses to drop an AP class, courses and/or levels of alternate classes cannot be guaranteed. In this case, a student will be placed in available courses and if it can fit into her existing schedule.**

Once enrolled, students are expected to fulfill all course requirements including sitting for the AP exam in May. AP exams are administered at the Academy for a fee set by the College Entrance Examination Board (approximately \$100 per exam). The exams are scored by The College Board. Colleges may grant credit, based upon the student's AP score. Students who for any reason do not take the AP exam on the designated date must take the AP Late-Testing exam on the date and time determined by The College Board and pay the Late-Testing fee (approximately \$45 per exam).

**\* Consistent lack of achievement in the course may result in the teacher's recommendation that the student be withdrawn from the AP course.**

### **Class Rank**

**The Academy does not rank.**

Due to the challenging nature of the Academy's curriculum and the high academic caliber of the student body, the cumulative weighted, grade point average is regarded as the most significant indicator of the student performance. First and second in merit will be recognized at graduation

### **Course Change Exception**

If for any extraordinary reason, a course change is requested after the sixteenth (16<sup>th</sup>) school day (two eight day school cycles) the following steps must be taken to review the request:

The student must speak with her Academic and College Counselor to initiate an AHA Course Change Request Form. Following this meeting, an email request for the drop must be made by the student, and her parent. The request must state the reason(s) for the drop. Additional supporting documentation may be required.

The **AHA Course Change Request Form**, the email requests, and the additional supporting documentation (if needed) are forward to Administration for review. The student and parent will be contacted by Administration regarding the request.

If approved, the student's official transcript will indicate "WP" (withdrawn passing) or "WF" (withdrawn failing) for the dropped course. In all instances, the grade from the previous course will be averaged into the new course. If the student is enrolled in an Honor's course at the time of the request, the weighted grades will be transferred to the new course.

### **Course Grade-Level Guidelines**

**Ninth grade:** Required to take Religious Studies I, English I, World History, Biology, Mathematics, a World Language, Physical Education/Health, Art, Music and Technology.

**Tenth grade:** Required to take Religious Studies II, English 11, Mathematics, Chemistry, U.S. History I, a World Language, Physical Education/Health, a semester of art or Music and electives to complete their course of study.

**Eleventh grade:** Required to take Religious Studies III, English III, U.S. History II, Mathematics, Science,

World Language, Physical Education, and are required to take an elective to complete the course of studies. **Twelfth grade:** are required to take Religious Studies IV, English IV, Humanities (if not taken in Junior Year), Physical Education and must elect at least three/four other year courses or the equivalent. A minimum of 7 full-year courses or the equivalent is required.

\*Please refer to the Curriculum Guide for course descriptions.

## **COURSE REPETITION**

A student may not repeat any quarter, semester, or year-long course. The exception is for a course failure as outlined in the section, "ACADEMIC FAILURE".

### **Course Schedule (Student)**

Considerable time and attention are given to planning the student's schedule courses for the next academic year. During this time, both students and parents have the opportunity for consultation with individual instructors, department heads, and college counselors concerning the student's projected schedule. Students will be notified of their placement in their core subjects during their course selection meeting. It is not always possible to honor students' selections of elective courses. However, every effort is made to ensure the student is enrolled in her core courses. Because of scheduling conflicts, some students may be assigned to elective courses they did not select. Students are asked to choose their electives and alternates carefully so that changes will not be necessary. Parents must approve this course selection.

### **Examinations**

**Full Year Courses:** Mid – Year and Final examinations are given in all full year courses. Examination grades represent approximately 20% of the averages.

**Semester Courses:** Final examinations are usually given in semester courses.

**Quarter Courses:** Final exams are usually given in quarter courses.

**Senior Exam Exemptions:** Seniors are exempt from the June examinations in a particular subject if they meet the following criteria:

1. 90% unweighted average for the year  
 $(Q1*.22) + (Q2*.22) + (MYE*.12) + (Q3*.22) + (Q4*.22)$
2. Have had no more than:
  - ten absences for the year for any reason
  - six lates for the year
  - six early leavings for the year.

**Exceptions may be made due to inclement weather.**

The Dean of Students will notify students of exemptions by posting a master list outside the Attendance Office.

**For the purpose of senior exam exemptions, early leavings will be counted separately from absences.**

**State Loan Textbooks:** **MUST** be turned in on the day of the final exam or paid for in full before the student will be permitted to take her exam.

**School Attire:** is required for all examinations: Students will not be admitted late to an exam: No student may leave the examination room before 90 minutes of the exam time have passed for the final.

**Rescheduled Exams:** exams are given at a scheduled time and place, illness (attested to by a doctor's certificate) is the only acceptable reason for waiving the \$30 fee attached to each rescheduled exam. Students must report for exams in uniform.

## GRADE POINT AVERAGE - CALCULATION

### Grade Point Average (GPA)

**Courses:** All courses, except for Physical Education, Community Service, and Summer School, are used to calculate the yearly and cumulative unweighted and weighted GPA.

Final, yearly course GPAs are weighted using the appropriate multipliers and credits.

Cumulative, weighted GPAs are calculated several times during high school: at the end of 9th (second semester), 10th (fourth semester), 11th (sixth semester), a 12th (eighth semester) grades.

**Senior Year:** As required by college and universities, a seventh semester weighted average is calculated for seniors. This average is sent to all colleges as part of the required college admissions 'Mid-Year Report'.

**National Honor Society:** For purposes of admission to NHS, cumulative, weighted grade point averages are calculated after the fifth semester of 11th grade, and the seventh semester of 12th grade.

**Transfer Students:** Cumulative weighted and unweighted GPAs are calculated using only grades earned at AHA.

### Grade Point Average (GPA) Calculation

**Unweighted Yearly GPA** is calculated using the appropriate credits.

For each course taken that year, perform the following

1. Final Grade \* Credits = Points (QP)
2. Total all QPs for all courses taken that year (except those indicated in 'GPA section)
3. Divide the Total QPs by the Total Credits attempted for the year

#### **For cumulative, unweighted GPA:**

For each course taken in the students AHA career, perform the following

1. Final Grade \* Credits = Points (QP)
2. Total all QPs for all courses taken (except those indicated in 'GPA section)
3. Divide the Total QPs by the Total Credits attempted

#### **Weighted Yearly –GPA:**

Is calculated using the appropriate credits and multipliers,

For each course, perform the following:

1. Final Grade \* Multiplier \* Credits = Quality Points (QP)
2. Total all QPs for all courses taken that year (except those indicated in 'GPA' section)
3. Divide the Total QPs by the Total Credits attempted for the year

#### **For cumulative, weighted GPA:**

For each course taken in the students AHA career, perform the following:

1. Final Grade \* Multiplier \* Credits = Quality Points (QP)
2. Total all QPs for all courses taken (except those indicated in 'GPA' section)
3. Divide the Total QPs by the Total Credits attempted

### **Course Multipliers**

College Preparatory (CP) (1.00 multiplier)

Honors (H) (1.03 multiplier)

High Honors (HH) (1.06 multiplier)

Advanced Placement (AP) (1.07 multiplier)

## GRADE POINT AVERAGE (GPA) CONVERSION CHART

Academy of the Holy Angels uses a Numeric (percentage) grading scale along with a corresponding Alpha (letter) grading scale for grade designation. Holy Angels does not grade on a 4.0 or 5.0 scale. In the event a student must report their GPA on a 4.0 weighted scale, the following weighted conversion chart may be used.

ACADEMY OF THE HOLYANGELS		
Weighted GPA Conversion Chart		
100%	4.0	Alpha
100	5.0	A+
99	4.9	A+
98	4.8	A+
97	4.7	A+
96	4.6	A+
95	4.5	A+
94	4.4	A
93	4.3	A
92	4.2	A
91	4.1	A
90	4.0	A
89	3.9	B+
88	3.8	B+
87	3.7	B+
86	3.6	B+
85	3.5	B+
84	3.4	B
83	3.3	B
82	3.2	B
81	3.1	B
80	3.0	B
79	2.9	C
78	2.8	C

### **Grading System**

Achievement is reported by numerical grades. Letter grades are used for physical education courses.

Scale Codes

A+ = 95 – 100

A = 90-94

B+ = 85-89

B =80-84

C =75-79

D =70-74

F =Less than 70

Com = Complete

EX = Excused

P = Passing

SS = Summer School

WP = Withdraw Passing

WF = Withdraw Failing

I = Incomplete

## HONOR ROLL AND PRINCIPAL'S LIST

The Honor Roll and Principal's list for each quarter are based upon the unweighted numerical average of all numeric quarter grades.

**Principal's List** 95-100 and B+ or higher in Physical Education and a minimum of an 90 in all courses

**Honor Roll** 90- 94 and B+ or higher in Physical Education and a minimum of an 85 in all courses

**Note: A violation of the Honesty Policy will disqualify a student from the honor roll for the quarter in which the violation occurred.**