

# *Aquinas High School*

Established 1928

**2020-2021**

## *Course Description Guide*

*Aquinas Catholic Schools is a Christ-centered family devoted to nurturing students of all faiths through educational excellence in its vibrant Catholic tradition.*

*This institution is an equal opportunity provider.*



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# REGISTRATION PROCESS

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- ❖ Please select your courses carefully. The courses you choose during the registration period are a major factor in determining course offerings, staffing, and supplies for the next school year.
- ❖ Students should discuss course choices with their parents and high school counselor using the *Course Description Guide* and *Credit Planning Sheet* for guidance. Teachers are also an excellent resource for information regarding specific courses.
- ❖ Students are required to register for a minimum of 7 courses each semester. Our 9 period day will limit each student to a maximum of 9 classes. Remember that some AP classes fill two periods.
- ❖ As per our student handbook: It is important that students pre-plan for courses they need (required) and want (electives) during pre-registration because scheduling changes are strongly discouraged. No changes will be made after the start of school unless requested by a teacher. Changes will not be made for the convenience of having 9<sup>th</sup> period free, work schedules, friends, teacher preference, or other activities. Students will be expected to follow their current schedule until changes have been finalized. Any classes that are dropped after the first week of a semester could result in an "F," and the student will be placed in study hall.

In the event that a schedule adjustment is deemed necessary, changes will be made during the two days of registration in August, and the first week of the semester. All requests for changes in academic schedules must be made in Student Services, where a form will be issued to each student to be signed by parents/guardians and teacher. The Principal will give final approval for all changes.

❖ **Meeting prerequisites:**

- If the *Course Description Guide* lists teacher approval as a prerequisite, you will be asked to **get the required teacher/departments initials** next to the requested course on the final, three-layer registration form before it can be submitted. If there is no teacher approval listed as a prerequisite, no initials are needed.
- If the *Course Description Guide* lists a specific course or a certain grade earned as a prerequisite, that will be honored. Students will not be allowed to take a class without first completing the prerequisites.

Please contact your High School Counselor with questions:

Chelle Belland  
784-0287 ext. 4212  
chelle.belland@aquinasschools.org  
(last names A-K)

Ryan Schaller  
784-0287 ext. 4213  
ryan.schaller@aquinasschools.org  
(last names L-Z)

An attempt will be made to honor all course requests, but a student's final schedule will depend on course availability and courses required for graduation.

# ACADEMIC RECORD

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It is important to understand the following information as you progress through high school:

## Student Transcript

A transcript is the official high school cumulative record. Every student at every high school has one. It is an important document that tracks school related activities that you have done while in high school (If you go to college you will have one there too that will track the classes you take and the grade you receive.) An official transcript (meaning one that has the school seal and administrative signature) is requested by each college you apply to and often by employers.

Official transcripts are no longer given out by counselors and sent via U.S. mail to colleges. The preferred method of transcript delivery is now via an online program called “Parchment”. Toward the beginning of senior year, the school counselors will provide each senior student with a temporary password giving him or her access to the program. Once a username and password are set by the student, he or she may request destination colleges and subsequently order transcripts to be securely sent from Parchment directly. Each senior may send out 5 transcripts at no charge. After 5 transcripts are sent, additional transcripts may be sent for a nominal fee. A letter will be sent home in the summer prior to senior year as a reminder of the coming use of this resource as well.

The appearance of transcripts varies from school to school, but most high school transcripts generally contain the following information:

- Courses, grades, and credits for each grade level completed, beginning with grade 9.
- Current cumulative grade point average.

## Grade Point Average (GPA)

Each letter grade earns points. Your grade point average (GPA) is the number of points earned for each of your classes added together and divided by the number of classes you are taking.

At Aquinas your GPA is determined by **semester** grades.

A – 4.0	AB – 3.5
B – 3.0	BC – 2.5
C – 2.0	CD – 1.5
D – 1.0	F – 0 (but it still figures into your GPA!)

Your cumulative grade point average is the average of each semester’s GPA starting with freshman year. It is used in determining school/district graduation recognition and scholarship awards. Your cumulative GPA changes only at semester.

## Graduation Requirements

### Aquinas High School

26 total credits required for graduation

23 credits are required classes

English	4	credits
Religion	4	credits
Social Studies	3.5	credits
Science	3	credits
Mathematics	3	credits
International Language	2	credits
Fine Arts	1	credit
Physical Education	1.5	credits
Computer	.5	credit
Health	.5	credit

# PLANNING FOR COLLEGE?

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Colleges are looking for students who demonstrate strong academic preparation. Many universities are experiencing an increased number of applications and are becoming more selective in acceptance criteria. Taking the right courses in high school can increase your college options and the likelihood of being accepted at your first choice school.

The college application process begins early in high school. Students should be taking opportunities to investigate different career interests. By junior year, they should be comparing different colleges on-line and perhaps going on a college visit. College applications are sent during the fall of the senior year. Student Services recommends at least two college applications completed by the end of October.

## FOUR-YEAR COLLEGES AND UNIVERSITIES

All universities have academic requirements for admission. The Wisconsin State University system is typical of many, and uses the following as admission criteria:

- 4 years of English
- 3 years of Math
- 3 years of Science
- 3 years of Social Studies
- 2 years of International Language (required by some and recommended by most)

Please note that these are minimum requirements. The courses one takes and how many credits one earns is important for academic preparation and will be an important component of the application evaluation. Following the graduation requirements at Aquinas should prepare you to meet the minimum, but most students take more. Check your schools of interest for specific admission requirements

## TWO-YEAR AND TECHNICAL COLLEGES

Technical colleges offer specialized training in specific fields and can also be used to earn general education credits to be transferred to a 4-year college or university. The misconception that technical colleges are easy, or a lesser choice is inaccurate. Many technical college programs offer training in highly marketable careers, have long wait lists for program acceptance, and stringent enrollment requirements.

## MILITARY

Military academy educational opportunities include the Air Force, Army, Army National Guard, Coast Guard, Marines, Merchant Marines, and Navy. All branches of the military service also offer Reserve Officer Training Corps (ROTC) scholarship programs. Students should begin exploring for these options by the second semester of their junior year.

***For more information on careers and post-high school education options, have your student go to <http://wiscareers.wisc.edu> and sign on using their user name and password.***

## Credit Planning Sheet

Name \_\_\_\_\_

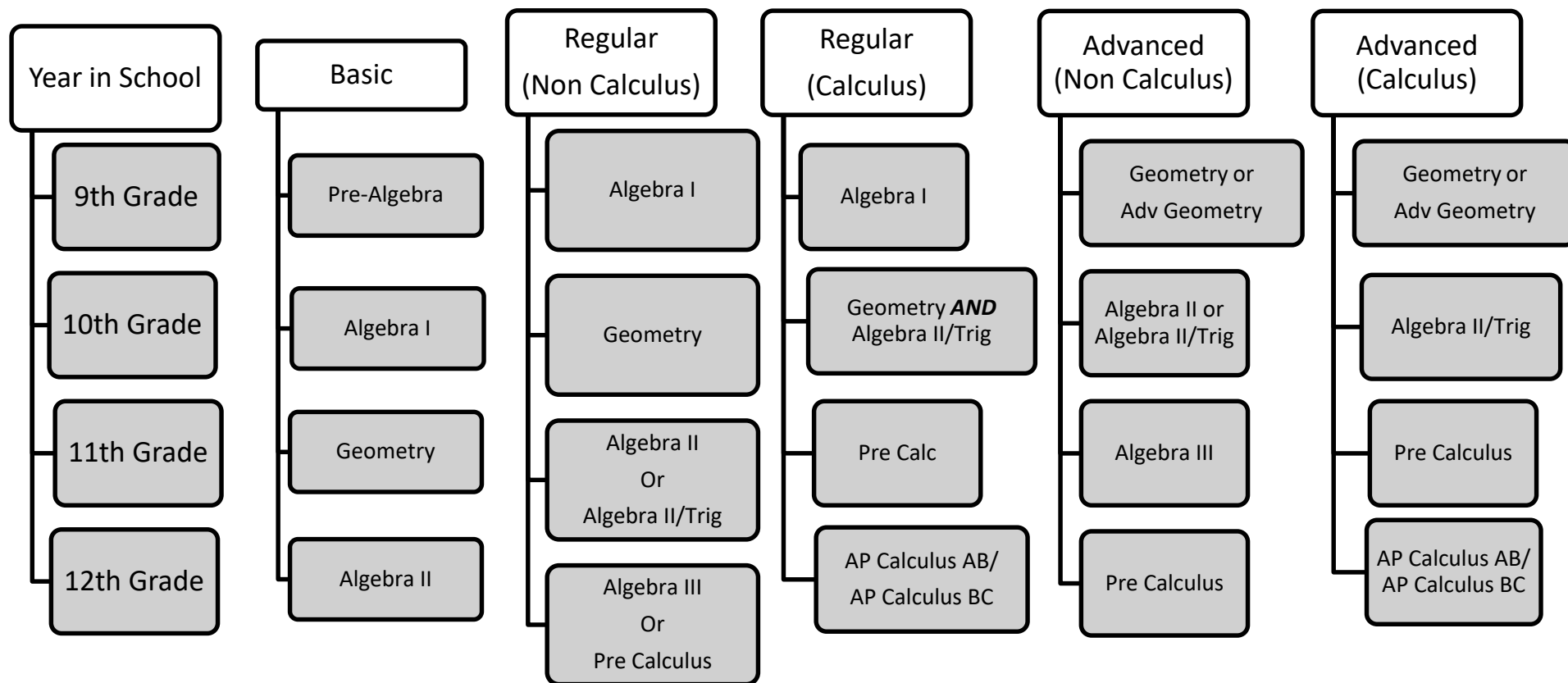
AQUINAS GRADUATION REQUIREMENTS	CREDITS REQUIRED	FRESHMAN Courses/Credits	SOPHOMORE Courses/Credits	JUNIOR Courses/Credits	SENIOR Courses/Credits
<b>English</b>	4	Freshman English /1	Sophomore English/ Speech / 1	Junior English or AP English Language and Composition / 1	Senior English or AP English Literature and Composition / 1
<b>International Language</b> (two years of same language)	2				
<b>Theology</b> (each year at Aquinas)	4	Old Testament- New Testament / 1	Sacraments- Church History / 1	Christian Morality- Theology of Justice /1	Christian Vocations- The New Evangelization or Christian Vocations Honors- The New Evangelization Honors /1
<b>Social Studies</b> World History, US History, World Geography, and US Government	3.5	World History / 1	U.S. History / 1	World Geography /.5	U.S. Government or AP U.S. Government & Politics Comparative Govt. /1
<b>Science</b> Physical Science, Biology, elective	3	Physical Science / 1	Biology /1		
<b>Mathematics</b> Algebra I, Geometry, Elective	3				
<b>Fine Art</b> Art, Choir, Band, or Theatre	1				
<b>Physical Education</b>	1.5	PhyEd /1	PhyEd / .5		
<b>Computer</b>	.5				
<b>Health</b>	.5		Health /.5		
<b>Electives</b>	3+				

A total of 26 credits are required for graduation. The number of courses required by department and courses assigned to specific years are identified above.

1/7/2016



## Flow Chart of Options for High School Mathematics Pathways



Statistics or AP Statistics are electives that can also be taken. These classes can be taken after completion of either of the Algebra II classes.

Reminder: Aquinas and WI only require 3 years of math to graduate. *However it is highly suggested to get four years of high school math.*

NOTE: Statistics/AP Statistics is often considered a Business class by colleges.

# 2020-2021 COURSE DESCRIPTION GUIDE

Aquinas High School offers many course selections, both full year and semester. We also offer the opportunity for internships on an individual basis with prior approval.

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## **ART DEPARTMENT**

*The Art Department of Aquinas High School provides students the opportunity to increase their awareness of the elements of art and design principles. Aesthetic values will be communicated in a Christian context that will guide students to become sensitive to the world around them. Expression of self, through the visual media, is the primary objective.*

### **ART FOUNDATIONS**

**1 Credit**

**Grades 9-12**

**Elective**

This course is the entry level art course that students can take to experience several different art mediums and methods. Students will gain experience and insight into their own interests by exploring several different 2-Dimensional and 3-Dimensional mediums. Students will learn about composition, elements of art, principles of art, art aesthetics, art history, and art criticism, through different projects and assignments. Projects may include but aren't limited to: Drawing, acrylic painting, watercolor painting, scratch art, ceramics, and sculpture. Students will be required to have a sketchbook or sketchpad that is no smaller than 8x10 and no larger than 11x14 (8 ½ x11 and 9x12 are recommended sizes).

### **DRAWING**

**½ Credit**

**Grades 10-12**

**Elective**

*Prerequisite: Art Foundations*

This course is a middle level art class for students to further explore and work on drawing techniques and projects. Students should take this course if they want to focus on and improve their drawing skills and acquire new drawing skills. Projects may include but aren't limited to: Graphite drawing, charcoal drawing, chalk and oil pastel drawing, etc. Students will be required to have a sketchbook or sketchpad that is no smaller than 8x10 and no larger than 11x14 (8 ½ x11 and 9x12 recommended sizes).

### **PAINTING**

**½ Credit**

**Grades 10-12**

**Elective**

*Prerequisite: Art Foundations*

This course is a middle level art class for students to further explore and work on painting techniques and projects. Students should take this course if they want to focus on and improve their painting skills and acquire new painting skills. Projects may include but aren't limited to: Acrylic painting, watercolor painting, oil painting, etc. Students will be required to have a sketchbook or sketchpad that is no smaller than 8x10 and no larger than 11x14 (8 ½ x11 and 9x12 recommended sizes).

### **CERAMICS**

**½ Credit**

**Grades 10-12**

**Elective**

*Prerequisite: Art Foundations*

This course is a middle level art class for students to further explore and work on ceramic/clay techniques and projects. Students should take this course if they want to focus on and improve their skill for working with and creating ceramic/clay pieces and acquire new skills. Projects may include but aren't limited to: Clay coil and slab hand building, clay carving, pottery wheel, etc. Students will be required to have a sketchbook or sketchpad that is no smaller than 8x10 and no larger than 11x14 (8 ½ x11 and 9x12 recommended sizes).

### **SCULPTURE**

**½ Credit**

**Grades 10-12**

**Elective**

*Prerequisite: Art Foundations*

This course is a middle level art class for students to further explore and work on 3-Dimensional sculpture techniques and projects. Students should take this course if they want to focus on and improve their skill for working with and creating 3-Dimensional art pieces and acquire new skills. Projects may include but aren't limited to: Recycled art sculpture, cardboard sculpture, plaster sculpture, wire sculpture, architecture, etc. Students will be required to have a sketchbook or sketchpad that is no smaller than 8x10 and no larger than 11x14 (8 ½ x11 and 9x12 recommended sizes).

**PHOTOGRAPHY****½ Credit****Grades 10-12****Elective***Prerequisite: Art Foundations*

This course is a middle level art class for students to learn about, explore, and work on photography techniques and projects. Students should take this course if they want to learn about and focus on photography methods and techniques and photo editing software. Students will be required to have access to a digital camera for assignments throughout the year (no cameras will be provided except in emergency situations). A flash drive, a memory card reader, and an USB camera cord are suggested materials that will make projects easier and more efficient. Projects may include but aren't limited to: Photographic composition, Adobe Photoshop editing, photojournalism, etc.

**GRAPHIC DESIGN****½ Credit****Grades 10-12****Elective***Prerequisite: Art Foundations*

This course is a middle level art class for students to learn about, explore, and work on graphic design techniques and projects. Students should take this course if they want to learn about and focus on graphic design elements and graphic design editing software, such as Adobe Photoshop and Adobe Illustrator. Projects may include but aren't limited to: Advertising, logo design, artistic graphic design, etc.

**ADVANCED PHOTOGRAPHY****½ Credit****Grades 11-12****Elective***Prerequisites: Art Foundations and Photography*

This course is an upper level art class for students to further explore and work on photography techniques and projects. Students should take this course if they want to focus on and improve their photography skills and photo editing techniques. Students will be required to have access to a digital camera for assignments throughout the year (no cameras will be provided except in emergency situations). Students may be required to attend school or system events outside of school for photography assignments. A flash drive, a memory card reader, and an USB camera cord are suggested materials that will make projects easier and more efficient. Projects may include but aren't limited to: Photographic composition, Adobe Photoshop editing, photojournalism, etc.

**ADVANCED GRAPHIC DESIGN****½ Credit****Grades 11-12****Elective***Prerequisites: Art Foundations and Graphic Design*

This course is an upper level art class for students to further explore and work on graphic design techniques and projects. Students should take this course if they want to focus on and improve graphic design elements and graphic design editing software, such as Adobe Photoshop and Adobe Illustrator. Projects may include but aren't limited to: Advertising, logo design, artistic graphic design, etc.

**STUDIO ART****1 Credit****Grades 12****Elective***Prerequisites: Art Foundations and 2 middle level art classes.*

Studio Art is for highly motivated students who are seriously interested in the study of art. This course is designed for students that want to work on building upon their art skills and art portfolio. Students will have to be self-motivated because they will be working on art projects based upon their own interests and artistic desire. Projects will be chosen by students and approved by the instructor, so that students can build an art portfolio and can form their own artistic style. Students can work on 2-Dimensional and/or 3-Dimensional projects based upon their own interests, and will have a digital portfolio of their artwork by the end of the course. *Students will be required to have a sketchbook or sketchpad that is no smaller than 8x10 and no larger than 11x14 (8 ½ x11 and 9x12 recommended sizes).*

**ART PRODUCTION (Offered Semester 1)****½ Credit****Grades 10-12****Elective**

This course is a class that students can take to get more hands on art experiences and work on individual as well as group projects. Students will create projects that focus on the process and the production of an art medium. Students will work on individual projects as well as help create pieces and projects for the fine arts department. Projects may include but aren't limited to: Glass mosaics, recycled art, metal tooling, Christmas concert decorations, etc.

**YEARBOOK****1 Credit****Grades 10-12****Elective**

*Prerequisites: pre-approval required*

Students involved in this course function as the production staff of The Aquin, the Aquinas High School yearbook. Students design a ladder thematically, plan, write and edit copy, sell yearbooks and ads, take photos, and publish the yearbook. This course may be taken each year as continued learning results in an excellent yearbook. ***Production deadlines require mandatory work until the end of June.***

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## BUSINESS DEPARTMENT

*The Business Department of Aquinas High School guides students to develop financial skills needed for personal and business activities.*

### **ACCOUNTING** **1 Credit** **Grades 11-12** **Elective**

This course will introduce students to accounting basics and guide them in their understanding of the accounting cycle and its relation to the business world. Topics and skills to be explored will be accounting for a service business organized as a proprietorship and accounting for a merchandising business organized as a partnership.

### **ECONOMICS** **½ Credit** **Grades 11-12** **Elective**

This course offers a study of the American free enterprise system. Included are topics such as supply and demand, income spending and distribution, competition in the marketplace, the role of government in the economy, challenges to the U.S. market economy and problems of less developed countries.

### **PERSONAL FINANCE** **½ Credit** **Grades 10-12** **Elective**

This course will explore topics of interest that will enhance students' future financial decision making. Topics to be included: budgeting, saving, investing, career planning, financial security, insurance, credit management, and taxes. Students will participate in stock market simulations and other computer related activities.

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## COMPUTER SCIENCE DEPARTMENT

*The Computer Science Department of Aquinas High School will guide students to understand the fundamentals of computers and offer practical experiences of utilizing specific software applications.*

### **COMPUTER APPLICATIONS** **½ Credit** **Grades 9-12** **Elective**

This course is designed to teach word processing, spreadsheet, data processing, desktop publishing, drawing and multimedia productions. Computer vocabulary and current developments in technology are emphasized. Microsoft Office Professional which includes; Word, Excel, and Access. If time allows PowerPoint and Movie Maker maybe incorporated into this course.

### **COMPUTER APPLICATIONS (Summer Session-TBD)** **½ Credit** **Grades 9-12** **Elective**

This course is designed to teach word processing, spreadsheet, data processing, drawing and multimedia productions. Computer vocabulary and current developments in technology are emphasized. *There will be an additional cost for this summer course.*

### **COMPUTER PROGRAMMING – JAVA I** **½ Credit** **Grades 9-12** **Elective**

*Prerequisites: Algebra*

This course is an introduction to the Java programming language.

Topics that will be covered:

- Language fundamentals including variables/data types, control and looping structures.
- An introduction to object oriented programming (OOP) including classes and inheritance.
- Data structures including Strings, Arrays and various containers.
- Creating User Interfaces (UI) with buttons, labels, text boxes, etc.
- Reading/Writing files.
- Exception handling.
- If time, additional topics of graphics, HTML and Javascript (interactive web pages) may be covered.

# ENGLISH DEPARTMENT

*The English Department of Aquinas High School guides students to develop effective communication through the development of reading, writing, listening and speaking skills. Through the study of literature, students strengthen critical thinking skills, develop a variety of writing styles, and improve their proficiency as oral presenters.*

## FRESHMAN ENGLISH

1 Credit

Grade 9

Required

Freshman English is a full year course with emphasis placed on the study of fiction and non-fiction, Shakespeare's *Romeo & Juliet*, and two novels: *Animal Farm* by George Orwell and *To Kill a Mockingbird* by Harper Lee. Fundamentals of grammar and study skills are reviewed, and students write in a variety of forms. A research paper using MLA format is required. The essential communication skills of reading, writing, speaking and listening will be developed throughout the year.

## SOPHOMORE ENGLISH/SPEECH

1 Credit

Grade 10

Required

This course consists of a semester of literature/writing and a semester of speech. Students will read a novel (TBA) and Shakespeare's *The Tragedy of Julius Caesar*. Students will write a character analysis using MLA format. Fundamentals of grammar and the short story will also be reviewed. During the speech component, students will give self-introductory, informative, demonstrative, persuasive, and ceremonial speeches before an audience of their peers. Typed formal outlines and a Works Cited using MLA format are required. Other speeches made be added if time permits.

## JUNIOR ENGLISH: American Literature

1 Credit

Grade 11

Required

*This is a required course but can be replaced with AP English Language and Composition*

This course is a survey of American Literature from 1620 to the present day and focuses on the interrelationship between the literature and its philosophical and historical background. Emphasis is on analysis of selected fiction, nonfiction, poetry, drama and novels. In conjunction with literary analysis, this course will stress integral reading, writing, listening, thinking, and grammar skills. This course challenges students to demonstrate growth and independence in the art of interpretation, mainly focusing on their ability to express themselves through concise writing. Consistent participation in classroom discussion and completion of a major research paper are mandatory.

## AP ENGLISH LANGUAGE AND COMPOSITION

1 Credit

Grade 11

Elective

*This course fulfills the Junior English requirement period*

*This course fills one class*

*Prerequisite: Successful completion of Sophomore English. Recommended A/AB in previous English Courses.*

*This course fills one class period*

This course is intended to provide students with an academic experience parallel to that of a college-level language course and includes an extensive writing component that focuses on expository, analytical, synthesis and argumentative writing about speeches, essays, and literature through both discussion and essay format.

At the completion of English Language and Composition, the student will be able to:

- Make warranted and reasonable assertions about an author's arguments, using the Rhetorical Triangle and SOAPs;
- Recognize and use rhetorical and literary terms;
- Apply rhetorical and literary terminology to non-fiction, speeches, letters, reviews, and essays;
- Annotate a literary text;
- Read literary texts closely;
- Read, understand, and answer timed analytical literary essays;
- Recognize and assess the elements of different literary genres;
- Read, draft, edit, and format analytic and research essays;
- Answer multiple-choice questions similar to those on the Language and Composition exam, and
- Use computer technology and the Internet to complement an understanding of language, composition and research.

Consistent participation in classroom discussion is mandatory and imperative to student learning. Students are highly encouraged to take the AP Language and Composition exam in May to earn college credit. ***Summer reading and companion writing assignments are required.***

**SENIOR ENGLISH: British Literature****1 Credit****Grade 12****Required**

*This is a required course but can be replaced with AP English Literature and Composition*

This course examines British Literature beginning in the Anglo-Saxon and Medieval periods and continues throughout the present. Students will read epic poetry, fiction, nonfiction, poetry, drama, and several novels. While investigating themes within multiple texts, students will compare and contrast literature and write detailed literary analyses and will learn to appreciate the connections among the literature, history, and their lives.

**AP ENGLISH LITERATURE AND COMPOSITION****1 Credit****Grade 12****Elective**

*This course fulfills the Senior English requirement*

*This course fills one class period*

*Prerequisite: Successful completion of Junior English or AP English Language and Composition.*

*Recommended A/AB in previous English courses.*

This senior-level course is intended for students who have proven to excel in close-reading, critical thinking, and analytical writing. The class mirrors a college-level literature course; successful students accept responsibility for their own learning and are comfortable with advanced or adult themes. This AP English Literature and Composition incorporates a blend of British and American Literature and pulls noted writers from over 1000 years of literary history. It is not, however, a survey course, that follows a strict time-line. The AP English course in Literature and Composition engages students in the careful reading and critical analysis of literature in the form of analytical arguments. Through the close reading of selected texts, students deepen their understanding of the ways writers use language. Readers also consider the social, artistic, and political context of specific works. As they read, students consider a work's structure, style, theme, and tone as well as the use of figurative language, symbolism, and imagery. This course includes an intensive study of representative works from various genres and periods, concentrating on works of recognized literary merit.

Students will write a variety of analytical, argumentative essays in which they are asked to comment on culture, artistry, historical context, and in which they comment on the quality of the literary work. We will also discuss texts as guides to living; therefore, students should expect to make personal connections to the material, especially in discussion. This is as much a writing course as it is a literature course and therefore, students should expect to devote significant time to the writing process.

**DEBATE I****½ Credit****Grades 10-12****Elective**

This course will teach students the fundamentals of debate including argumentation, organization and research skills. Students will be actively engaged in the discussion of current and conversational topics and in the hands on experience of debate. Weekly research on select debate topics is an essential part of this course. A variety of assignments will also be given to develop public speaking skills.

**DEBATE II****½ Credit****Grades 10-12****Elective**

*Prerequisites: Debate I*

This course will reinforce and expand the skills learned in Debate I. Students will be introduced to and be involved in four person team policy, team value, and Lincoln/Douglas value debate styles. The students will be required to debate both sides of any given issue, thus enhancing their listening and critical thinking skills. Weekly research on selected topics is an essential part of this course. Students will also deliver a variety of speeches to enhance their public speaking skills.

**COLLEGE PREP WRITING****½ Credit****Grades 11-12****Elective**

*Recommended A/AB in previous English courses.*

The course is intended to transition students successfully into the writing they are bound to encounter in their collegiate careers beyond that of traditional English essays. Students will begin College Prep with a month of intensive grammar, mechanics, and vocabulary focused instruction. Following their success in those fields, students will learn how to effectively argue their stance on a variety of academic topics via persuasive essays and defensive presentations with a heightened consideration for identifying and targeting an intended audience. The recursive process (brainstorming, drafting, writing, and rewriting) will be emphasized. In order to successfully complete this course, participants should expect a minimum of 15-30 minutes of out-of-class participation per day.

**HOLOCAUST: History & Literature****½ Credit****Grades 11-12****Elective**

Students will participate in a safe, Catholic learning environment, structured to provide the student with an interesting and informative overview of the political, cultural, ethnic and historic aspects of the Holocaust. This course provides an in-depth analysis of the events of the Holocaust through the use of documentary films, speeches, essays, poetry, and a wealth of literature.

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**INTERNATIONAL LANGUAGE DEPARTMENT**

*The International Language Department of Aquinas High School provides students opportunities to speak, read, write and listen to other languages and to experience and appreciate other cultures. It is our hope that by studying other cultures, the students will develop a respect for people whose way of life may be different than our own.*

**FRENCH I****1 Credit****Grades 9-12****Elective**

French I is an introductory course in which the primary goal for the student is to develop proficiency in the four basic skills of language learning: listening, speaking, reading and writing. The course also aims to increase the students' knowledge and appreciation of the diverse cultures of the Francophone countries.

**FRENCH II****1 Credit****Grades 9-12****Elective**

*Prerequisites: French I or equivalent*

This course will guide students to enrich their vocabulary as they focus on cultural activities and survival situations such as shopping, school and family situations, entertainment, fitness, travel and future plans.

**FRENCH III****1 Credit****Grades 10-12****Elective**

*Prerequisite: French II or equivalent*

French III is an intermediate course which encourages spontaneous and creative speaking and composition. There is an emphasis on effective writing and presenting, as well as advanced grammar.

**FRENCH IV****1 Credit****Grades 11-12****Elective**

*Prerequisite: French III or equivalent*

French IV is an advanced course, which includes an introduction to literature including reading of a short novel, *Le Petit Prince*. A variety of short stories are used to stimulate thought, conversation and composition. Students are able to take the National French Exam, Level IV.

**FRENCH V HONORS****1 Credit****Grade 12****Elective**

*Prerequisite: French IV or equivalent*

French V Honors is an advanced course designed to prepare students for advanced placement and/or entry into 300 level college French courses. Themes are selected to challenge students' global views as well as their perceptions of other cultures. Students are able to take the National French Exam, Level 5 and/or take the AP French exam.

**SPANISH I****1 Credit****Grades 9-12****Elective**

Spanish I is an introductory course in which the primary goal for the student is to develop proficiency in the four basic skills of language learning: listening, speaking, reading and writing in a way that makes language a meaningful activity. This course presents the language within the context of the contemporary Spanish-speaking world and culture.

**SPANISH II****1 Credit****Grades 9-12****Elective**

*Prerequisites: Spanish I or equivalent.*

Students will continue to build upon their language skill proficiencies in listening, speaking, reading, and writing of the Spanish language. They will expand their linguistic knowledge and strengthen their oral proficiency by actively participating in interviews, skits, dialogues and role-playing activities. The diverse cultures within the Spanish-speaking world will continue to be explored through a variety of mediums.

**SPANISH III****1 Credit****Grades 10-12****Elective***Prerequisites: Spanish II or equivalent.*

This course is designed to build confidence in the use of the Spanish language and to advance proficiency in reading, writing, listening and speaking Spanish. Students will have the opportunity to participate in cultural enrichment activities while they enjoy the study of Hispanic cultures.

**SPANISH IV****1 Credit****Grades 11-12****Elective***Prerequisites: Spanish III or equivalent.*

This course reinforces and expands the skills of previous Spanish courses to reflect more mature language skills. Spanish IV relies on creative debates, panel discussions, interviews, skits, commercials, authentic Hispanic literature and media, travel and daily situations and current events. Various immersion experiences will expand the students' skills. Students will study a cross section of Hispanic cultures.

**SPANISH V HONORS****1 Credit****Grade 12****Elective***Prerequisites: Spanish IV or equivalent*

This course will provide realistic experiences and situations that further strengthen the students' proficiency in the four skill areas—listening, speaking, reading, and writing. There will be individual, as well as, class projects to further develop and strengthen language skills and cultural competency. There will be an emphasis on authentic language and practical vocabulary to use in communicating real-life situations. The course will integrate literary and cultural readings to further develop cultural concepts and insights into the daily lives of native Spanish speakers. The course uses a college-level intermediate Spanish textbook. A literary reading as well as a composition will be assigned over the summer break. The students will be required to take the National Spanish Exam.

## MATHEMATICS DEPARTMENT

*The Mathematics Department of Aquinas High School provides students with the necessary math preparation which includes opportunities for applied problem-solving, inductive discovery, real life application and an integration of modern technology. Included on page 9 is a Math Progression Chart to help you decide the classes to take. Students must have 3 Credits of Math to Graduate and complete Algebra II to meet 4-Year College requirements.*

**PRE-ALGEBRA****1 Credit****Grade 9****Elective***Prerequisites: Approval by administration and referral required.*

This course reinforces mathematical skills taught in eighth grade with additional advanced computations including an emphasis on Algebraic concepts. Students study fractions, decimals, percents, positive and negative integers and rational numbers. They become more proficient in using ratios, proportions and solving algebraic equations. Students will develop and expand problem solving skills (creatively and analytically) in order to solve word problems. Students continue to practice using math skills to solve word problems and to think creatively and analytically. Successful completion of this course prepares students for success in Algebra 1.

**ALGEBRA I****1 Credit****Grade 9-10****Required***Prerequisites: eighth grade math or Pre-Algebra.*

This course is a full year required course. Topics studied include; introduction to real numbers, computation and evaluation of numerical and algebraic expressions; simplifying and factoring polynomials; solving formulas and graphing linear equations; inequalities and compound sentences; simplifying properties of exponents; and equations; and word problems.

**GEOMETRY****1 Credit****Grades 9-11****Required***Prerequisites: Algebra I*

This is a full year course which stresses problem solving while working with plane figures. Knowledge of algebra is essential as many geometric problems are solved using algebraic equations or formulas. Problem solving topics will include: graphing, congruent and similar figures, area, volume, perimeter, parallel and perpendicular lines, angles, transformations, circles, basic trigonometry, constructions and proofs.



**ADVANCED GEOMETRY****1 Credit****Grades 9-11****Elective***Prerequisites: Algebra I*

This full year course includes all topics in the course description for Geometry. Topics to be extended include: proofs, graphing, trigonometry and three-dimensional space.

**ALGEBRA II****1 Credit****Grades 10-12****Required***Prerequisites: Algebra I and Geometry*

*Students are suggested to have a graphing calculator (preferably TI-83 Plus or TI-84 models).*

This course reviews and extends the topics studied in Algebra I. The main emphasis is on linear equations, how they are graphed and how they are used to solve word problems. Other topics will include: simplifying and factoring polynomial, laws of exponents, radicals, complex numbers, absolute value, inequalities and quadratic equations. Introduced topics will include: trigonometry, probability and the use of the computer and graphing calculator.

**ALGEBRA II AND TRIGONOMETRY HONORS****1 Credit****Grades 10-12****Elective***Prerequisites: Geometry/ Adv. Geometry*

*Students are required to have a graphing calculator (preferably TI-83 Plus or TI-84 models).*

This course extends the topics from Algebra I and Geometry. Topics studied include: simplifying algebraic expressions, solving equations, algebraic transformations, inequalities and systems, operations on polynomial equations, real and complex numbers, exponential and logarithmic functions, an introduction to analytic geometry, trigonometry and trigonometric identities. Algebra II topics are covered in depth, applied Math skills are emphasized and graphic calculators are used. *This course is required of students intending to study Calculus and AP Physics.*

**ALGEBRA III****1 Credit****Grades 10-12****Elective***Prerequisites: Algebra II or Algebra II and Trigonometry Honors*

This course is designed for students who desire advanced Mathematics to prepare for Pre-Calculus or college Algebra and Trigonometry. Past math topics are reviewed and reinforced and the new topics to be introduced will include: conic sections, logarithmic functions, sequences and series, probability and statistics and trigonometry functions. The students will utilize graphing calculators, and graphing programs on the computer. A major emphasis of this course will be trigonometry, the application of algebraic concepts to real world applications and to the sciences.

**STATISTICS****½ Credit****Grades 11-12****Elective***Prerequisites: Algebra II or Algebra II and Trigonometry Honors*

*Students are required to have a graphing calculator (preferably TI-83 Plus or TI-84 models).*

This course is intended to familiarize students with statistical terms and concepts but also prepare them to take college level statistics courses. Studies will include collection of methods to: plan experiments, obtain, organize, summarize, present and analyze data, interpret and draw conclusion from the results. Regression and correlation will be used as an analysis of paired data. Topics will also include normal distribution, t-distribution,  $\chi^2$ -distribution and their applications for hypotheses testing. By completing projects students will learn real applications of statistics as a science. Strong emphasis will be put on utilizing technology (graphing calculators, computer software, Excel)

**AP STATISTICS  
12****1 Credit  
Grades  
Elective****11-***Prerequisites: Algebra II and Trigonometry Honors**This course fills one class period*

*Students are required to have a graphing calculator (preferably TI-83 Plus or TI-84 models).*

The purpose of this one-year AP course in statistics is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes:

1. Exploring Data: Describing patterns and departures from patterns.
2. Sampling and Experimentation: Planning and conducting study.
3. Anticipating Patterns: Exploring random phenomena using probability and simulation.
4. Statistical Inference: Estimating population parameters and testing hypotheses.

*Students who successfully complete the AP Exam may receive credit, advanced placement, or both for a one-semester introductory college statistics course.*

**PRE-CALCULUS****1 Credit****Grades 10-12****Elective**

*Prerequisites: Algebra II, Algebra II and Trigonometry Honors or Algebra III*

*Students are required to have a graphing calculator (preferably TI-83 Plus or TI-84 models).*

Pre-Calculus is a course to prepare students to take Calculus. It covers linear, quadratic and rational functions and their graphs, exponential and logarithmic functions, trigonometric functions, analytic trigonometry, non-right triangular trigonometry, trigonometric proofs, vectors, dot products, probability, conics, sequences and series. Topics are approached algebraically, graphically and verbally.

**AP CALCULUS AB****1 Credit****Grades 10-12****Elective**

*Prerequisites: Pre-Calculus*

*This course fills one class period*

*Students are required to have a graphing calculator (preferably TI-83 Plus or TI-84 models).*

Topics to be covered will include: Functions, Graphs and Limits - Analysis of graphs, Limits of functions (including one-sided limits), Asymptotic and unbounded behavior, Continuity as a property of functions, Derivatives- Concept of the derivative, Derivative at a point, Derivative as a function, Second derivatives, Applications of derivatives, Computation of derivatives, Integrals—Interpretations and properties of definite integrals, Applications of integrals, Fundamental Theorem of Calculus, Techniques of anti-differentiation, Applications of anti-differentiation, Numerical approximations to definite integrals and slope fields. Students may opt to take the Advanced Placement Exam for possibly attaining college credit for this course.

**AP CALCULUS BC****1 Credit****Grades 11-12****Elective**

*Prerequisites: Pre-Calculus or AP Calculus AB*

*This course fills two class periods*

*Students are required to have a graphing calculator (preferably TI-83 Plus or TI-84 models).*

AP Calculus BC is a course in a single-variable calculus that would be equivalent to a first and second semester calculus courses at most colleges and universities. This course will provide a deeper understanding of the concepts of limit, continuity, derivatives, and integrals which are covered in AP Calculus AB. In addition, topics covered in AP Calculus BC are Parametric, polar, and vector functions, slope fields, Euler's method, L'Hopital's Rule, Improper Integrals, Logistic differentiable equations, Polynomial approximations and Series, Maclaurin and Taylor Series. Students may opt to take the Advanced Placement Exam for possibly attaining college credit for this course.

**MUSIC DEPARTMENT**

*The Music Department of Aquinas High School prepares students in a meaningful way to understand the value and enjoy music throughout their lives. In doing so, students will learn to appreciate the God-given talents each person possesses and the value of sharing those talents with others.*

**CHAMBER ENSEMBLE****1 Credit****Grades 9-12****Elective**

Chamber ensemble offers students who play orchestral or non-traditional band instruments an opportunity to perform music. All others may join by audition only. Performance virtuosity in solo and ensemble work is the primary goal of the class. *Students are encouraged to be involved in private lessons and required to perform in the school musical, seasonal, solo and ensemble, and community performances.* Optional performances include solos for school masses.

**CONCERT BAND****1 Credit****Grades 9-12****Elective**

Concert Band is open to any student who plays or expresses an interest in playing a traditional band instrument. The Concert Band studies and performs a variety of musical forms and styles. The student receives instruction during daily classes, weekly individual lessons, and full group rehearsals. Students are encouraged to study privately outside of school in addition to weekly lessons. Out of school activities include; Christmas and Spring concerts, large group and solo/ensemble contests, parades, community events, pep band, graduation, school masses and the school musical.

**COLORGUARD****1/2 Credit****Grades 9-12****Elective**

***Audition Only***

The colorguard is a course in conjunction with the marching band. All students enrolled in colorguard are under the same policies and expectations of the marching band ensemble. Weekly practices are required as well as a 2 -3 week colorguard camp during the summer. All students wishing to participate in colorguard must complete an audition

held in the Spring of the prior year. Tosses, spins, and numerous other flag fundamentals will be taught. The opportunity for other mediums outside the colorguard flag such as swing flags and rifles are available at certain intervals and at instructor approval. Colorguard students are expected to memorize an established routine created by the colorguard captain in a timely manner. Coordinating music with the colorguard routine will also be covered. At home preparation and self-responsibility are essential to achieving success in this course. Students are expected to perform up to their ability 100% of the time as it relates to posture, respect for others, and learning and memorizing any assigned routine and marching drill. The Aquinas Marching Band provides music for several area performances including: Applefest, Torchlight, Maple Leaf, Homecoming and the Memorial Parade.

### **CONCERT CHOIR**

**1 Credit**

**Grades 9-12**

**Elective**

Concert Choir is a non-auditioned vocal ensemble which emphasizes the learning of music fundamentals, vocal techniques, and performance skills. Students will learn 3 to 4 part choral music in a variety of musical styles and languages. Individual lessons are a requirement of Concert Choir as well as seasonal performances, large group music contests, festivals, and school Masses.

### **ROBED CHOIR**

**1 Credit**

**Grades 9-12**

**Elective**

#### ***Audition Only***

Robed Choir is an audition only vocal ensemble which will offer the more serious and talented student an opportunity to learn new and diverse styles of choral literature. Emphasis is placed on excellence in choral sound, style, musical interpretation, and languages. Individual lessons are required as are performances in seasonal concerts, festivals, large group competitions, and school Masses.

### **HONORS MUSIC (*Offered next 2020-2021*)**

**1 Credit**

**Grades 10-12**

**Elective**

*Prerequisites: AB or better in Band, Chamber, or Choir. Must be taken concurrently with Concert Band, Chamber Ensemble or Robed Choir.*

The purpose of this course is to inspire music participation, create enthusiasm, stimulate a desire to render service, and promote leadership in the music students at Aquinas High School.

## **PHYSICAL EDUCATION DEPARTMENT**

*The Physical Education Department of Aquinas High School promotes physical and health well-being, development of social and athletic skills and a sense of responsibility of one's personal health.*

### **PHYSICAL EDUCATION I**

**1 Credit**

**Grade 9**

**Required**

This course will introduce students to a variety of lifelong individual and team activities and cardiovascular fitness. Sportsmanship, fair play, positive social interaction and respect for one another are stressed throughout the course.

### **PHYSICAL EDUCATION II**

**½ Credit**

**Grade 10**

**Required**

This is an advanced course of physical fitness with an emphasis placed on further development in physical activities and a better understanding of teamwork and self-discipline needed in physical fitness activities.

### **PHYSICAL EDUCATION III**

**½ Credit**

**Grades 11-12**

**Elective**

This is an advanced course of physical fitness with an emphasis placed on further development in physical activities and a better understanding of teamwork and self-discipline needed in physical fitness activities.

### **HEALTH**

**½ Credit**

**Grade 10**

**Required**

This course is designed to show that our attitude in life will influence the choices we make and what happens as a result of those choices. The student will learn what makes up a healthy person. Most importantly, the student will learn ways to make themselves and others around them healthier. We will be studying the following: Mental/Emotional Health (Stress Management), Physical Health (Nutrition, Fitness, Alcohol, Tobacco and other drugs, Safety and Injury Prevention/First Aid), Intellectual Health (Healthy Brains and Brain Function) and Social Health (Peer Pressure, Relationships).

**FITNESS/WEIGHT TRAINING****½ Credit****Grades 11-12****Elective**

This course is designed for students to gain knowledge, understanding and enjoyment of a healthy lifestyle. Emphasis will be placed on information and skills necessary to develop cardiovascular endurance, flexibility along with muscular strength and endurance. Along with participating in many teacher lead activities, students will be expected to create their own program to meet their individual needs. Some of the activities may include the following: walking/running, endurance training, interval training and endurance weight training.

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**SCIENCE DEPARTMENT**

*The Science Department of Aquinas High School guides students to develop an enthusiasm to learn about the scientific world. The Science curriculum fosters student involvement and promotes critical thinking and logical inquiry. It provides opportunities for both experimentation and the mastery of the content of Science, as well as an appreciation of the implications of Science in our everyday life.*

**PHYSICAL SCIENCE****1 Credit****Grade 9****Required**

This course serves as a foundation for the upper level Science courses. Scientific method, critical thinking, math skills and lab techniques are used to guide students to understand the world around them.

**BIOLOGY****1 Credit****Grade 10****Required**

This introduces the student to all forms of life from the simplest one-celled organism to the most complex animals and plants. Human evolution, heredity, ecology and social issues are explored. The development of lab skills and appropriate microscope techniques, and dissection are important tools as well as Chemistry topics applicable to Biology. The student will use to learn about our natural world.

**AP BIOLOGY****1 Credit****Grades 11-12****Elective**

*Prerequisites: Biology, and Chemistry or AP Chemistry or concurrent*

*This course fills two class periods*

AP Biology is a challenging, introductory college level course. AP Biology is a laboratory component class, which covers all aspects of biology in great detail with a strong emphasis on problem solving, laboratory investigation and writing. Concepts to be explored include: Chemistry of Life; Cells; Heredity; Molecular Genetics; Diversity of Organisms; Structure and Function of Plants and Animals; and Ecology. This course offers an opportunity to take the National AP Biology Exam in which the student may earn college credit.

**CHEMISTRY****1 Credit****Grades 11-12****Elective**

*Prerequisite: Algebra I, Algebra II, Biology*

This is a laboratory component class designed to provide students with a basic knowledge of Chemistry. Concepts covered include the periodic table as a model of element structure, compounds and reactions, measurements of chemistry, the chemistry of gases, acid-base reactions and equilibrium and catalysis. Problem solving integral to the performance of chemistry is strongly covered.

**AP CHEMISTRY****1 Credit****Grades 11-12****Elective**

*Prerequisites: Physical Science, Biology, and Algebra II or Algebra II and Trigonometry Honors Concurrent*

*This course fills two class periods*

AP Chemistry is a challenging college level presentation of Chemistry flowing at a college pace with college rigor. This course overviews all aspects of beginning Chemistry with an emphasis on organic and biochemistry examples and applications within the confines of Chemistry. Concepts include: periodic table modeling, nomenclature, reaction, prediction, organic chemistry, organic reaction, acid/base chemistry, equilibrium and catalyst, and nuclear chemistry. AP Chemistry focuses on strong problem-solving skills and offers an opportunity to take the National AP Chemistry Exam in which the student may earn college credit.

**ANATOMY AND PHYSIOLOGY****1 Credit****Grades 11-12****Elective**

*Prerequisites: Biology, Chemistry, or AP Chemistry or concurrent*

This year long course is designed to explore the principles of human anatomy and physiology. The course will include a system-by-system study of the function of the normal human body with various pathologies being investigated. Laboratory experiments and dissections, media and technology, and field trips will reinforce the concepts discussed.

**ENVIRONMENTAL SCIENCE****1 Credit****Grades 11-12****Elective***Prerequisites: Biology*

In this course students will learn the principles of ecology as a basis for their study of environmental issues. Students will increase their awareness of environmental problems and learn strategies to respond to local and global concerns. Classical ecology combined with conservation principles will be studied. A strong emphasis will be placed on environmental ethics and stewardship. Local resource management will also be investigated. Strong emphasis is placed on energy consumption and related issues. The course will include weekly projects pertaining to local environmental awareness issues.

**AP ENVIRONMENTAL SCIENCE****1 Credit****Grades 11-12****Elective***Prerequisites: Biology, Chemistry (or concurrent)**This course fills one class period*

AP Environmental Science (AP ES) is the equivalent of an introductory college course in environmental science. The goal of the course is to provide students with the conceptual foundation necessary to understand complex relationships in the natural world, to develop the skills required to identify and analyze environmental problems, and to examine alternate solutions for resolving and/or preventing them. Environmental science is an interdisciplinary study that draws from the biological, physical, chemical, earth sciences, and economics. Critical thinking and problem solving application are emphasized at a college pace.

**PHYSICS****1 Credit****Grades 11-12****Elective***Prerequisites: Algebra II, Algebra II and Trigonometry Honors, and Biology*

This course is a study of the physical world around us and the fundamental laws that govern the behavior of all matter and energy. This is primarily a concept-based course, however, mathematics (Algebra) is used to explain many physics concepts. Major topics covered include: one dimensional and two dimensional motion, forces, gravitation, momentum, energy, optics, sound, electricity, and magnetism. Demonstrations, simulations, and lab activities occur weekly to give real-world examples of topics being learned.

**AP PHYSICS - 1****1 Credit****Grades 11-12****Elective***Prerequisites: Pre-Calculus or concurrent**This course fills two class periods*

This course is a challenging college level presentation of Physics which flows at a college pace, with college rigor. This course will focus on 1D and 2D kinematics, dynamics, work and energy, momentum, waves and basic electrical forces. A strong emphasis is placed on algebra based problem solving using algebra, trigonometry and vector math skills. Writing detailed formal lab reports will be required. This course offers the opportunity for student to take the National AP Physics Exam in which the student may earn college credit.

**HEALTH SCIENCE ACADEMY****6 Credits****Grades 11-12****Elective***Prerequisite: Students are selected through an application process**6 credits over two years, starting with Junior year.**Should have required 2 years of International Language completed before they start in the Health Science Academy.*

The Health Science Academy is a two-year program through a cooperative effort with the School District of La Crosse. Designed for students wishing to explore and pursue careers in the Health Science field, students take three classes each year at a facility located on the UW-La Crosse campus during the school day. Students are exposed to a variety of Health Science careers through instruction, career exploration, job shadow and field experience in local health facilities. Instruction is delivered by School District of La Crosse personnel teamed with partners from UW-L, Viterbo, Western, Gundersen, and Mayo Health System. Credit will appear on transcripts as a transfer credit from the School District of La Crosse.

Junior year classes:

- Anatomy and Physiology (1 science credit)
- A.P. Psychology (1 social studies credit)
- Health Occupations I (.5 elective credit)
- Exercise Physiology (.5 physical education credit)

Senior year classes:

- Health Occupations Advance (1 elective credit)
- Medical Terminology (.5 science credit)
- Medical Technology (.5 science credit)

- Global Issues in Healthcare (.5 social studies credit)
- Health Occupations Elective (.5 science credit)

The program is limited and there is a fee beyond Aquinas tuition to participate. Students initiate the application process for the two-year program during sophomore year. Please contact Student Services with questions or for details on the application procedure.

Dual credit opportunities are available for senior students who are in the HSA for the 2018-2019 school year.

- Medical Terminology is transcribed credit with Western's Medical Terminology course #10501101 for three credits.
- Advanced Anatomy & Physiology is transcribed credit with Western's General Anatomy & Physiology course #10806177 for 4 credits.

Qualifying students (those with an ACT score of 26 or better) can also elect to participate in the dual credit program with UWL

- Advanced Health Occupations can be taken for dual credit for UWL's Introduction to Health Related Careers course #HPR106 for 2 credits.
- Global Issues in Health Care can be taken for dual credit for UWL's Introduction to Global Health course #CHE204 for 3 credits.

Students must complete applications for college credit by the deadline. All additional fees are the responsibility of student and family.

## **SOCIAL STUDIES DEPARTMENT**

*The goal of the Social Studies Department of Aquinas High School is to prepare students to be able to understand and appreciate the history and heritage of the United States and other cultures. Students will learn to identify and understand the problems that face our increasingly diverse nation and ever-changing, interdependent world of the future. Since it is important that students connect knowledge with beliefs and actions, we hope to challenge the students to develop a social consciousness, assume civic responsibilities in our democracy and act in positive ways as citizens so that a more just and peaceful world can be created.*

### **WORLD HISTORY**

**1 Credit**

**Grade 9**

**Required**

This course is a chronological and topical study of humankind's social and political development from the beginning of written records through the 20<sup>th</sup> century. The student will study world regions, their religions, ethnic groups, art, culture, traditions and social and political systems. Students will gain insights that will broaden their appreciation of the experience of mankind in many different world regions.

### **U.S. HISTORY**

**1 Credit**

**Grade 10**

**Required**

This course is a comprehensive study of the history of the United States from the post-civil war era to contemporary events. In addition to the solid factual foundation, the emphasis is on the analysis of major personalities, formative events, controversial issues and significant movements that have shaped our nation.

### **WORLD GEOGRAPHY**

**½ Credit**

**Grade 11**

**Required**

This course is a study of people, places, and environment from a physical and cultural perspective. Through a variety of classroom activities, students will gain an appreciation and understanding of the interdependent world in which they live. Students will analyze and evaluate the connection between their local and global communities. The course will emphasize the practical and responsible application of geography to life situations.

## OVERVIEW OF AP UNITED STATES HISTORY COURSES

Advanced Placement U.S. History will be offered as a 2-year sequence. Year 1 is titled Pre-Advanced Placement United States History. It is designed to be equivalent to the first half of a college American History survey course. Year 2 is titled Advanced Placement United States History and is designed to be the second half of a college American History survey course. These courses will help prepare students to pass the AP US History exam in May of the 2nd year. When registering, students must commit to both years. Students will be expected to do some work over the summer prior to the start of the Year 2 so the class can briefly review, then move forward in preparation for the National Exam.

Students taking AP U.S. History to fulfill US History <b>requirement</b> would:	<ul style="list-style-type: none"> <li>• Take 2 semesters as a sophomore (Pre-AP United States History)</li> <li>• Take 2 semesters as a junior (AP United States History)</li> <li>• Be prepared to take the national AP exam in May of their junior year</li> </ul>
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*\*NOTE: Students can also choose to take these courses as Social Studies electives.*

Students taking AP U.S. History as an <b>elective</b> would:	<ul style="list-style-type: none"> <li>• First take the 2 semester regular United States History course as a sophomore (United States History)</li> <li>• Then take 2 semesters as a junior (Pre-AP United States History)</li> <li>• Take 2 semesters as a senior (AP United States History)</li> <li>• Be prepared to take the national AP exam in May of their senior year</li> </ul>
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### PRE-AP UNITED STATES HISTORY

**1 Credit**

**Required/Elective**

*Offered to: Grade 10 (if replacing United States History requirement) or Grade 11 (if taking course as an elective)*

*Prerequisites: Successful completion of 9th Grade History. Requires student to commit to 2nd year of Advanced Placement History*

*This course fills one class period*

Pre-Advanced Placement United States History is designed to be equivalent to the first half of a college American History survey course and will cover events beginning with pre-Columbian America through the 19th century. This course will meet daily.

Students will focus on historical themes including: American diversity, American identity, culture, demographic changes, economic transformation, the environment, globalization, politics and citizenship, reform, religion, slavery and its legacies in North America, and war and diplomacy. The course will continually examine these themes throughout the year, and focus on how these themes have helped shape the history of the United States.

The goal is for every student to take and pass the national exam upon completion of Advanced Placement History. In order to reach this goal, students will be expected to do college-level work. Reading, writing, and communicating at a high level will be essential. A premium will be placed on not only mastering a significant amount of factual information, but also interpreting, analyzing and evaluating reading materials and primary sources. Students will regularly examine alternate interpretations of history in an attempt to get a comprehensive representation of ideas and events from the past. Additionally, students will learn the skills needed to successfully respond to Document-Based Questions (DBQs) and Free-Response Questions (FRQs) through practice activities and examinations. Even if students do not reach the goal of passing the exam at the conclusion of the 2nd year of the sequence, they will be well-prepared to do college-level work from the skills they have gained in this course.

### AP U.S. HISTORY

**1 Credit**

**Grades 11 & 12**

**Elective**

*Offered to: Grade 11 (if replacing United States History requirement) or Grade 12 (if taking course as an elective)*

*Prerequisites: Successful completion of 9th Grade History. Requires student to commit to 2nd year of Advanced Placement History*

*This course fills one class period*

Advanced Placement United States History is designed to be equivalent to the second half of a college American History survey course and will review events through the early 19th century, then continue with students thinking

critically and analyzing events that occurred in American history from the late 19th into the 21st century. This course will meet daily and will culminate with the AP national exam in May.

Students will focus on historical themes including: American diversity, American identity, culture, demographic changes, economic transformation, the environment, globalization, politics and citizenship, reform, religion, slavery and its legacies in North America, and war and diplomacy. The course will continually examine these themes throughout the year, and focus on how these themes have helped shape the history of the United States.

The goal is for every student to take and pass the national exam. In order to reach this goal, students will be expected to do college-level work. Reading, writing, and communicating at a high level will be essential. A premium will be placed on not only mastering a significant amount of factual information, but also interpreting, analyzing and evaluating reading materials and primary sources. Students will regularly examine alternate interpretations of history in an attempt to get a comprehensive representation of ideas and events from the past. Additionally, students will learn the skills needed to successfully respond to Document-Based Questions (DBQs) and Free-Response Questions (FRQs) through practice activities and examinations. Even if students do not reach the goal of passing the exam, they will be well-prepared to do college-level work from the skills they have gained in this course.

## **U.S. GOVERNMENT**

**1 Credit**

**Grade 12**

**Required**

*This is a required course but can be replaced with AP U.S. Government & Politics*

This course deals with the structure and function of the national and state governments of the United States. Included is a study of the development of our political system, elections, Congress, the Presidency and the Federal Court system. Constitutional law with an emphasis on the First Amendment, civil, criminal, family and consumer law will also be examined. Students will be given the opportunity to understand the impact of the law on their lives.

## **AP U.S. GOVERNMENT & POLITICS**

**1 Credit**

**Grade 12**

**Elective**

*This course fills one class period*

AP U.S. Government & Politics is to give students an in depth knowledge of the roots of governments and the current institutions that make up different governments around the world. This course contains information that will be valuable when preparing to take the AP US Government & Politics Exam. This course is best suited to students that have a strong understanding of American and an interest in U.S. Politics. This course also replaces US Government for Seniors.

- The U.S. Government & Politics portion of the course will focus on the following themes in of U.S. Government: Constitutional underpinnings of democracy; political beliefs and behaviors of individuals, political parties, interest groups and the media; institutions of national government; public policy; civil rights and civil liberties.
- Time will be built into the schedule to review the information and prepare for the AP exams in May. A premium will be placed upon studying current events in order to gain a better understanding of how the citizens interact with and influence their government. The goal is to help foment a desire to become active, engaged citizens of the United States and the world.
- Ultimately, this course is designed to prepare every student to take and pass the national exam. In order to reach this goal, students will be expected to do college-level work. Reading, writing and communicating at a high level will be essential. A premium will be placed on not only mastering a significant amount of factual information, but also interpreting, analyzing and evaluating reading materials. Even if students do not reach the goal of passing the exam, they will be well-prepared to do college-level work from the skills they have gained in this course.

## **SOCIOLOGY**

**½ Credit**

**Grades 10-12**

**Elective**

Sociology is the study of human development and human interactions in groups. Students will investigate current social problems that deal with the family, crime and human life issues. Students will have the opportunity to learn and apply various sociological research designs.

## **PSYCHOLOGY I – Foundations of Psychology**

**½ Credit**

**Grades 11-12**

**Elective**

This course examines the foundations of modern psychology by exploring three historically major schools of thought: Psychoanalytic Theory, Behaviorism, and Developmental Psychology (emphasis on cognitive and emotional). Students will have a degree of hands on, practical experience in each area.



*Prerequisites: Psychology I*

The emphasis of this course is building functional mental health. Students will also learn the symptoms, causes, and treatments of many common and well known mental illnesses. This is a course which requires a degree of introspection and reflective writing. Students will also have the opportunity to work through Sean Covey's Seven Habits of Highly Successful Teens.

**AP PSYCHOLOGY**    **1 Credit**    **Grades 11-12**    **Elective**

*This course fills one class period*

AP Psychology will provide students an opportunity to acquire a comprehensive understanding of the systematic and scientific study of behavior and mental processes of human beings and other animals. Students will be exposed to psychological facts, principles and phenomena associated with many of the major sub-fields within psychology. Students will learn about the ethics and methods psychologists use in research and practice. Content will include, but not be limited to, methods, biological basis of behavior, sensation and perception, states of consciousness, learning, cognition, motivation and emotion, developmental psychology, personality, testing for intelligence and personality, abnormal psychology, treatment of disorders, and social psychology. The course outline will adhere to the guidelines of the College Board. In this year long course, students will be expected to understand objective, empirical methods of collecting and interpreting data, make meaningful interconnection between disparate concepts and analyze, evaluate and critique thematic perspectives. A goal of this course is to provide students with a learning experience equivalent to that obtained in most college introductory psychology courses, in addition to preparing the students for the AP exam.

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## **THEATRE DEPARTMENT**

*The Theatre Department of Aquinas High School provides students the opportunity to express and interpret ideas, attitude and feelings creatively in verbal, non-verbal and artistic methods.*

**THEATRE LITERATURE**    **½ Credit**    **Grades 11-12**    **Elective**

The fundamentals of theatre will be covered in this introductory course. Students will spend time learning the history of theatre, beginning with ancient Greece and the great playwrights then moving on to Shakespeare and his works of tragedy, comedy, and fantasy. We then end this unit with contemporary playwrights and the works of Arthur Miller and Tennessee Williams. Students will also learn the basics of developing character, stage movement, how to use the voice correctly, and how to audition for a role.

**MUSIC, THEATRE AND FILM**    **½ Credit**    **Grades 11-12**    **Elective**

*Prerequisites: Theatre Literature or equivalent*

Students will learn the history of musical theatre beginning with the operettas of the 1890's to contemporary musicals and composers. Students will also cover the history of film and television by watching, analyzing, and producing their own student films.

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## **THEOLOGY DEPARTMENT**

*The Theology Department of Aquinas High School, through informational and formational experience, teaches the message of Jesus and His Church by nurturing the faith of our students and promoting a ministry of service based on charity and justice. Sacred Scripture and Catholic Tradition, Church history and basic Catholic devotions inform our Theology curriculum. The curriculum also includes Christian Morality and vocational discernment, applied to important personal and social issues of our time.*

**OLD TESTAMENT**    **½ Credit**    **Grade 9**    **Required**

This course introduces the students to the Word of God through reading and study of the Old Testament. Students will better understand the salvation history, literary style, cultural context, historical setting, and theological meaning of the Old Testament. Through active explorations, students develop a deeper understanding of our faith and the means by which to hear God's word and respond to Him more faithfully.

**NEW TESTAMENT****½ Credit****Grade 9****Required**

This course is a survey of the New Testament. It familiarizes students with the content, structure, and message of the New Testament. Students review the style and themes of the four evangelists, study the message of Saint Paul through his Epistles, and examine the story of the apostles found in the “Acts of the Apostles.” This course provides an opportunity to read New Testament Scriptures and gain a better understanding of the Catholic Church and her founder, Jesus Christ, and to follow Him more faithfully.

**CHURCH HISTORY****½ Credit****Grade 10****Required**

This course helps students to understand and appreciate Catholic heritage. It examines the developments, people, and events that have shaped the Church. Students will gain an appreciation of the continuing work of the Holy Spirit through the Church.

**SACRAMENTS****½ Credit****Grade 10****Required**

This course considers the sacramental life of the Church as a means by which Catholic Christians seek their ultimate goal, union with God. Students begin the course by studying the Resurrection and other fundamental topics. The course continues by presenting the sacraments as signs given by Christ to impart grace. Each sacrament will be discussed, focusing on its history, its symbols and rituals, and the realities of human life it sanctifies.

**CHRISTIAN MORALITY****½ Credit****Grade 11****Required**

This course invites students to learn about, reflect on and positively embrace a life rooted in authentic Gospel virtues. Focusing on Scripture and primary Church documents, the students are introduced to basic principles of Catholic morality and moral decision-making, which are then applied to contemporary moral issues.

**THEOLOGY OF JUSTICE AND PEACE****½ Credit****Grade 11****Required**

Throughout its history, the Catholic Church has attempted to transform the world, “to live Jesus’ message.” This course provides students with an opportunity to explore topics of peace and social justice as they occur within society and in salvation history. Using Scripture and the documents of the Roman Catholic Church, students will discuss the Christian response to such issues.

**CHRISTIAN VOCATIONS****½ Credit****Grade 12****Required**

Through Matrimony, Holy Orders, consecrated life, and the single life, one can respond to God’s call to service and community. This course explores the various vocations and discusses how one might respond to the command of Jesus to love all people.

**CHRISTIAN VOCATIONS HONORS****½ Credit****Grade 12****Elective**

*Prerequisites: Junior Religion*

This course supplements the basic outline of the regular Christian Vocations course with a greater level of informed classroom discussion, additional readings, and writing assignments.

**THE NEW EVANGELIZATION****½ Credit****Grade 12****Required**

The New Evangelization is a fruit of Vatican II and the call of the recent popes (Pope John Paul II, Pope Benedict XVI, and Pope Francis) for Catholics to renew their own faith and then proclaim the good news by word and deed. This course will engage students in the richness and fullness of the Gospel message. Pope Benedict XVI said we are called “to re-propose the perennial truth of Christ’s Gospel (Homily, June 28th 2012).” The students will learn how to participate in the work of the new evangelization. They also will study world religions to prepare themselves to dialogue with people of other faiths.

**THE NEW EVANGELIZATION HONORS****½ Credit****Grade 12****Elective**

*Prerequisites: Junior Religion*

This course supplements the basic outline of The New Evangelization course with a greater level of informed classroom discussion, additional readings and writing assignments.

# AQUINAS HIGH SCHOOL

## 2020-2021 Freshman Course Registration Form

Name \_\_\_\_\_

REQUIRED	
X	Freshman English
X	Physical Education
X	World History
X	Old Testament/New Testament
Math - Choose One	
	Pre-Algebra
	Algebra I
	Geometry
	Advanced Geometry
Science - Choose One	
	Physical Science
	Biology

SEMESTER ELECTIVES	
	Computer Applications
	Computer Applications (Summer Session)

FULL YEAR ELECTIVES	
	Art Foundations
	French I
	French II
	Spanish I
	Spanish II
	Chamber Ensemble (Inst. _____)
	Colorguard
	Concert Band (Inst. _____)
	Concert Choir
	Robed Choir - (Inst. Init. _____)

Each student must carry a minimum of 7 classes each semester. These may include any of the electives listed above. Students who drop a course other than at the teacher's request or with permission after the first week will receive a failing grade.

### Graduation Requirements

*26 total credits including the 23 required for graduation:*

4 Credits in English	2 Credits in International Language
4 Credits in Theology	1.5 Credits in Physical Education
3.5 Credits in Social Studies	1 Credit in Fine Arts
3 Credits in Science	.5 Credit in Health
3 Credits in Mathematics	.5 Credit in Computer Applications
3 Additional Elective Credits	

Student Signature	
Parent Signature	
Administration Signature	

# AQUINAS HIGH SCHOOL

## 2020-2021 Sophomore Course Registration Form

Name \_\_\_\_\_

### REQUIRED

X	Sophomore English/Speech
X	Physical Education II/Health
	U.S. History or Pre-AP US History
X	Sacraments/Church History
Math - Choose One	
	Algebra I
	Geometry
	Advanced Geometry
	Algebra II
	Algebra II and Trigonometry Honors
	Algebra III
	Pre-Calculus
	AP Calculus AB

Science- Choose One

	Biology
	Chemistry

### FULL YEAR ELECTIVES

	Art Foundations
	French I
	French II
	French III
	Spanish I
	Spanish II
	Spanish III
	Chamber Ensemble (Inst. _____)
	Colorguard
	Concert Band (Inst. _____)
	Concert Choir
	Robed Choir - (Inst. Init. _____)
	Honors Music

### SEMESTER ELECTIVES

	Drawing
	Painting
	Ceramics
	Sculpture
	Photography
	Graphic Design
	Art Production
	Computer Applications
	Computer Applications (Summer Session)
	PC Technology
	Adv. Computer Apps. - Adobe CS3
	Adv. Computer Apps. - Microsoft
	Computer Programming - JAVA (Semester 2)
	Personal Finance
	Debate I (Semester 1)
	Debate II (Semester 2)
	Sociology

Each student must carry a minimum of 7 classes each semester. These may include any of the electives listed above. Students who drop a course other than at the teacher's request or with permission after the first week will receive a failing grade.

### Graduation Requirements

*26 total credits including the 23 required for graduation:*

4 Credits in English	2 Credits in International Language
4 Credits in Theology	1.5 Credits in Physical Education
3.5 Credits in Social Studies	1 Credit in Fine Arts
3 Credits in Science	.5 Credit in Health
3 Credits in Mathematics	.5 Credit in Computer Applications
3 Additional Elective Credits	

Student Signature \_\_\_\_\_

Parent Signature \_\_\_\_\_

Administration Signature \_\_\_\_\_

# AQUINAS HIGH SCHOOL

## 2020-2021 Junior Course Registration Form

Name \_\_\_\_\_

### REQUIRED

	Junior English
	or AP English Language and Composition
X	World Geography <i>(Semester Course)</i>
X	Christian Morality/Theology of Justice and Peace

### SEMESTER ELECTIVES

	Drawing
	Painting
	Ceramics
	Sculpture
	Photography
	Graphic Design
	Advanced Photography
	Advanced Graphic Design
	Art Production
	Economics (Business)
	Personal Finance
	Computer Applications
	Computer Applications (Summer Session)
	PC Technology - (Inst. Init. _____)
	Adv. Computer Apps. - Adobe CS3
	Adv. Computer Apps. - Microsoft
	Computer Programming
	Debate I (Semester 1)
	Debate II (Semester 2)
	College Prep Writing I
	College Prep Writing II
	Holocaust
	Statistics
	Physical Education III
	Fitness/Weight Training
	Astronomy: Planetary
	Astronomy: Galactic
	First Robotics Competition (Semester 1)
	Sociology
	Psychology I
	Psychology II Honors
	Theatre Literature
	Music, Theatre and Film

### FULL YEAR ELECTIVES

	Art Foundations
	Yearbook
	Accounting
	French I
	French II
	French III
	French IV
	Spanish I
	Spanish II
	Spanish III
	Spanish IV
	Geometry
	Advanced Geometry
	Algebra II
	Algebra II and Trigonometry Honors
	Algebra III
	AP Statistics
	Pre-Calculus
	AP Calculus AB
	AP Calculus BC
	Chamber Ensemble (Instrument _____)
	Colorguard
	Concert Band (Instrument _____)
	Concert Choir
	Robed Choir - (Inst. Init. _____)
	Honors Music
	AP Biology
	Chemistry
	AP Chemistry
	Anatomy and Physiology
	Environmental Science
	AP Environmental Science
	Physics
	AP Physics
	Health Science Academy (1st Year)
	Pre-AP U.S. History (1st Year)
	AP U.S. History (2nd Year)
	Athletic Internship - (Inst. Init. _____)
	AP Psychology

### Graduation Requirements

*26 total credits including the 22 required for graduation:*

4 Credits in English	2 Credits in International Language
4 Credits in Theology	1.5 Credits in Physical Education
3.5 Credits in Social Studies	1 Credit in Fine Arts
3 Credits in Science	.5 Credit in Health
3 Credits in Mathematics	.5 Credit in Computer Applications
3 Additional Elective Credits	

Each student must carry a minimum of 7 classes each semester. There may include any of the electives listed above. Students who drop a course other than at the teacher's request or with permission after the first week will receive a failing grade.

Student Signature \_\_\_\_\_

Parent Signature \_\_\_\_\_

Administration Signature \_\_\_\_\_

# AQUINAS HIGH SCHOOL

## 2020-2021 Senior Course Registration Form

Name \_\_\_\_\_

### REQUIRED

Senior English  
or AP English Literature & Composition

U.S. Government  
or AP U.S. Government & Politics

Christian Vocations (*Semester Course*)  
or Christian Vocation Honors

The New Evangelization (*Semester Course*)  
or The New Evangelization Honors

### SEMESTER ELECTIVES

Drawing

Painting

Ceramics

Sculpture

Photography

Graphic Design

Advanced Photography

Advanced Graphic Design

Art Production

Economics (Business)

Personal Finance and Investments

Computer Applications

Computer Applications (*Summer Session*)

PC Technology - (Inst. Init. \_\_\_\_\_)

Adv. Computer Apps. - Adobe CS3

Adv. Computer Apps. - Microsoft

Computer Programming - JAVA (*Semester 2*)

Debate I (*Semester 1*)

Debate II (*Semester 2*)

College Prep Writing I

College Prep Writing II

Holocaust

Statistics

Physical Education III

Fitness/Weight Training

Astronomy: Planetary

Astronomy: Galactic

First Robotics Competition (*Semester 1*)

Sociology

Psychology I

Psychology II Honors

Music, Theatre and Film

Theatre Literature

### FULL YEAR ELECTIVES

Art Foundations

Studio Art

Yearbook

Accounting

French I

French II

French III

French IV

French V Honors

Spanish I

Spanish II

Spanish III

Spanish IV

Spanish V Honors

Algebra II

Algebra II and Trigonometry Honors

Algebra III

AP Statistics

Pre-Calculus

AP Calculus AB

AP Calculus BC

Chamber Ensemble (Instrument \_\_\_\_\_)

Colorguard

Concert Band (Instrument \_\_\_\_\_)

Concert Choir

Robed Choir - (Inst. Init. \_\_\_\_\_)

Honors Music

AP Biology

Chemistry

AP Chemistry

Anatomy and Physiology

Environmental Science

AP Environmental Science

Physics

AP Physics

Health Science Academy (*2nd Year*)

AP U.S. History (*2nd Year*)

AP Psychology

Each student must carry a minimum of 7 classes each semester. There may include any of the electives listed above. Students who drop a course other than at the teacher's request or with permission after the first week will receive a failing grade.

### Graduation Requirements

*26 total credits including the 23 required for graduation:*

4 Credits in English	2 Credits in International Language
4 Credits in Theology	1.5 Credits in Physical Education
3.5 Credits in Social Studies	1 Credit in Fine Arts
3 Credits in Science	.5 Credit in Health
3 Credits in Mathematics	.5 Credit in Computer Applications
3 Additional Elective Credits	

Student Signature \_\_\_\_\_

Parent Signature \_\_\_\_\_

Administration Signature \_\_\_\_\_