

**ST. ANTHONY'S HIGH SCHOOL  
COURSE SELECTION BOOKLET**

**BROTHER DAVID ANTHONY MIGLIORINO, O.S.F.  
PRINCIPAL**

**MR. PAUL WASHINGTON  
DEAN OF FACULTY/DIRECTOR OF STUDIES**

The St. Anthony's curricular offerings are designed to meet the academic needs of our students and prepare them for the future. The courses that you select should support your own individual goals for the next school year and your objectives after graduation. The selection of courses requires much input and serious consideration. The Course Selection Booklet is only a starting point in choosing your program. Before completing your Course Selections, students should listen to their teachers and Guidance Counselor as they describe the courses. Discuss the courses with students who have taken them. Speak to the Departmental Chairpersons if you do not understand the requirements for the course. **Parents and students must understand the responsibility they take on when signing up for courses.**

**BE SURE TO READ EVERY PAGE OF THIS BOOKLET CAREFULLY**

**Before Making Choices:**

- a. Pray to the Holy Spirit for wisdom.
- b. Study the course descriptions carefully.
- c. Evaluate yourself. Be realistic and do not sign up for courses that are not consistent with your level of ability.
- d. Seek the help of your parents, guidance department, chairpersons and teachers.
- e. Be sure you meet the requirements for the course.
- f. Review requirements for St. Anthony's and Regents Diplomas, pages 2 and 3 in this booklet.
- g. Check the requirements of the colleges to which you will apply.
- h. Check the requirements for the NCAA if you plan to compete through NCAA - see page 5.
- i. Keep a record of your requirements on the checklist provided on page 3 of this booklet.
- j. Make sure you have asked for the courses you need to graduate. This is particularly important for seniors, especially with regard to Fine Arts, Health credit and three electives in senior year.
- k. To enter an Honors Course, a minimum of 90% and a teacher recommendation is required. **Acceptance into an Honors Course is provisional until determination is made based on Final Exam/Regents Grades and the Final Grade for the present course.**
- l. To enter an AP Course, a minimum of 92% and a teacher recommendation is required. **Acceptance into an AP Course is provisional until determination is made based on Final Exam/Regents Grades and the Final Grade for the present course.**
- m. **Note that some courses require completion of Summer assignments.**
- n. **Please understand that the number of sections for each course is determined by this Course Selection; therefore, late request for changes may not be possible due to class capacity.**
- o. St. Anthony's reserves the right to cancel courses due to insufficient registration.

The address for the St. Anthony's web site is: **<http://www.stanthonyshs.org>**

The portion of the St. Anthony's web site for all matters related to scheduling can be found by clicking "Academics" and the "Course Selection" tab. Any relevant information or forms (including a digital copy of the Course Selection Booklet) will be found at this web site.

**Prior to making course selections:**

Read the Course Description Booklet carefully with regard to pre-requisites and the requirements for obtaining both a St. Anthony's and Advanced Regents Diploma. **Make sure that you know what courses are required by the college you wish to attend as well as the NCAA requirements.** For example, some colleges require a student to take a 4<sup>th</sup> year of a Foreign Language, Math, or Science. A 4<sup>th</sup> year for these subjects is not required to graduate from St. Anthony's, but may nevertheless be required to fulfill your particular goal. Thus, the **choices you are making now will seriously affect your future college choices** since it will be difficult to amend these choices once the final booklist orders are printed and sent to the individual school districts in April 2021. Therefore, late changes will be denied if classes are filled. If you have any questions about the requirements of any particular college, please check with our College Counseling Office headed by Mrs. Kim Hearney; or Mr. Minucci, the Athletic Director for the NCAA requirements. Please remember that the **Scheduling Office does not provide course selection advice to students**, but rather, will simply endeavor to create a schedule based on the selections made by the student and his or her parents.

**IMPORTANT:** We determine and plan the number of sections and class size for each course based upon the courses requested at this time; therefore, request for changes later may not be possible.

**Summary of the Process:**

Students will complete their Course Selection and obtain the necessary approvals during the dates provided below. The Course Selection Forms and supporting documentation will be made accessible via the St. Anthony's website: <http://www.stanthonyshs.org> and school iPads. All course selections must be submitted **No Later Than the Individual Grade Due Dates provided.**

**PLEASE DO NOT SIGN UP FOR EXTRA CLASSES UNLESS YOU ARE QUITE SURE YOU WANT TO TAKE THEM, AND, THAT YOU UNDERSTAND THAT AS A RESULT, YOU WILL HAVE FEW IF ANY FREE PERIODS IN YOUR SCHEDULE.**

**CURRENT JUNIORS (RISING SENIORS) (CLASS OF 2022)**

The class of 2022 must complete the Course Selection Form, which will serve three purposes:

1. -Identify the particular core courses the student wants (or still needs)
  - 1 credit of English
  - 1 credit of Social Studies: Government/Economics
  - 1 credit of Theology
  - 0.5 credits of Physical Education 12 (Bowling)
  - 0.5 credits of Health (student will indicate if he or she still needs it)The student will have either 3.5 or 4 credits in core courses.
2. Identify additional elective credits. All seniors must take a minimum of 3 electives as a senior – EVEN IF THE STUDENT TOOK EXTRA COURSES IN THE PAST.
3. Regarding (Core Credits + Electives) the minimum is 6.5 credits and 7.0 if you are taking Health. Anything over this requires an Overload Application to be submitted.

**We will enter your core courses, plus your highest priority electives based on the number of total credits you indicate you wish to take next year. If we can't schedule one, we will attempt to replace it with your next highest priority elective as listed on your course selection sheet.**

### Procedures and Target Dates:

- Beginning **January 8, 2021**: Course Selection Booklets will be made accessible online via the iPads and the St. Anthony's High School website [www.stanthonyshs.org](http://www.stanthonyshs.org)
- **January 8, 2021**: **Freshmen** will review the 2021-2022 Course Selection process in their Guidance Classes.
- **January 8, 2021 – January 22<sup>nd</sup>, 2021** (Teachers will submit recommendations [requests] for Students based upon student's qualifications for the course).
- **January 25<sup>th</sup>, 2021** *Course Selection starts for all Students* for the 2021-2022 year. All students will have access to their Tentative Course Requests/Recommendations for their Core Courses via the portal. At this time students and parents can start submitting online overload course requests via the Overload and Add/Drop Forms.
- **January 25, 2021** **Sophomores and Juniors** will review the 2021-2022 Course Selection process in their Guidance Classes.
- **February 10, 2021** *All Course Selection Forms (Overload and add/Drops) Due* for the 2021-2022 year.
- **Chairs and Teachers will review and approve course requests for the 2021-2022 year.**
- **February 12, 2021 to February 21, 2021: Mid Winter Recess.**
- **March 15, 2021: All Students will receive a tentative list of their courses for the next school year via Campus Backpack.**
- **March 19, 2021: All Students must hand in their Final Course Selection Sheet digitally, approved by parent and submitted via Campus Backpack.**
- **May 3, 2021: All summer assignments are posted.**
- **May 17, 2021:** students, parents and guardians will receive the course verification form; this form is **not a schedule** but will list all the classes for which a student has successfully been scheduled. **At this time, students may request course changes. Course changes require department approval and are based on qualification for the class and space availability, we will make changes until June 10, 2021.**
- **Monday, August 2, 2021:** students, parents and guardians will receive student schedules on campus backpack without teachers. **At this time, students may request course changes. Course changes require approval from the Department Chairs and Academic Dean. A processing fee of \$50 will be charged at this time for any course change request. If change is not approved, a refund will be issued. Approvals are based on qualification for the class and space availability. These changes are limited to one per student. We will make changes until August 17, 2021.**

### Final Thoughts:

1. The Course Selection process is intended to be a joint venture between the students, parents, teachers and counselors. Requests for courses must be completed by February 10, 2021. **When the Final Course Selection Sheet is generated and distributed to the students on March 15, 2021, this is intended to be the END of the process, not the beginning.** When a parent signs this Final Course Selection Sheet via campus backpack, it should be as a reaffirmation of information they already know and should not be viewed as a further opportunity to edit the selections. A parent's signature on the Final Course Selection Sheet is an acknowledgement of the courses previously selected. Any concerns should be sent to the Department Chairperson and Scheduling Office.

2. Course changes require approval and are based on qualification for the class and space availability. Please review the Scheduling Policy and take note of the two opportunities to change student's schedule requests.

**2021-2022 Saint Anthony' High School**  
**Scheduling Policy and Procedures**

- *We do not make schedule changes once School Begins.*
- *Course Changes require approval and are based on qualification for the class and space availability. There will be two opportunities to change student schedules.*
  - *First and recommended time, after the requests have been verified and successfully scheduled and the course verifications are handed out. This is not a schedule, simply a list of course requests that will fit successfully in the student's schedule. **May 17, 2021 – June 10, 2021.***
  - *Second and last time after schedules are released on August 2, 2021 on campus backpack via the student and parent portals. Teachers names will not appear on this schedule. **At this time changes can be made with approval from the Chair and Academic Dean for a \$50 fee until August 17, 2021.***
- *As school policy, we do not honor teacher requests or period requests.*

Thank you in advance for your anticipated cooperation with respect to these scheduling procedures.

**Diploma Requirements for ALL St. Anthony High School Students**

Theology	4 years
Guidance	4 years
English	4 years (must pass English Regents)
Social Studies	4 years (must pass Global History and US History Regents)
Mathematics	3 years (must pass 2 Math Regents)
Science	3 years (must pass Living Environment AND a Physical Science [Earth Science or Chemistry or Physics] Regents)
Foreign Language	3 years (must be in the same language)
Fine Arts	1 year (Chorus, Band, Orchestra, Studio in Art, Theatre Arts, Bagpipes/Drums, Intro to Music: Keyboard Skills)
Physical Education	4 years
Health	1/2 year
<b>Electives</b>	<b>3 credits taken in senior year</b>

**Advanced Regents Diploma Requirements:**

Pass English Regents (Junior Year)  
 Pass 3 Mathematics Regents Exams  
 Pass Global History & Geography Regents (Sophomore Year)  
 Pass US History & Government Regents (Junior Year)  
 Pass 2 Science Regents Exams (1 Physical and 1 Life)  
 Pass Spanish or French Checkpoint B Exam (Junior Year)

Saint Anthony's High School credit requirements for graduation exceed all New York State requirements for a Regents Diploma. Academic departments that administer Regents Examinations develop appropriate curricula that encompass all of the content and performance standards set by New York State. Students enrolled in a Regents course are required to take the Regents examination. Overall student performance on these exams is significantly above state averages. These examinations provide an objective measure by which our students can be compared to others in New York State.

Regents Examinations, however, do not test our students with the rigor required by the courses themselves. Our courses are more comprehensive and tests given during the year are designed to measure a higher level of proficiency than that required by the Regents standards. The grade on the Regents examination is not an independent indicator of an individual's success in a course; it must be viewed in conjunction with and secondary to the teacher's year-long assessment of the student's achievement and the grades on the final exam.

### **NCAA Requirements for 2022 Graduates and Beyond**

College-bound student athletes will need to meet the following academic requirements to practice, receive athletic scholarships and/or compete during their first year of college.

#### **Summary**

- Minimum core-course GPA of **2.30** required for competition
- 10 of the required 16 Core Courses must be completed by the beginning of senior year. (Seven must be in the area of English, Math, or Science). These 10 core courses become "locked in" for the purpose of core-course GPA calculation.
- Division 1 uses a sliding scale to match SAT/ACT test scores and your Core Course GPA. The sliding scale can be found under the Resources section on the **NCAA Eligibility Center Website**.

#### **Summary of Core Courses**

All students must graduate from high school\* **on time** and complete a minimum of 16 core courses.

**\*Students must pass and complete all schoolwork by the last day of senior classes**

#### **Division 1 Core Course Breakdown**

- 4 years of English
- 3 years of Math (Integrated Algebra, Geometry, Trig & Algebra 2, Pre Calculus, Calculus, Algebra2/Functions, Statistics) (**Transitional Algebra and Intermediate Algebra are not core courses**)
- 2 years of natural or physical science
- 1 extra year of English, math, or natural or physical science
- 2 years of social science
- 4 years of extra core courses from any category above, foreign language, or philosophy

\*Theology is not considered a core course for NCAA

**Student MUST register with NCAA Eligibility Center online.**

#### **NCAA Division I Initial eligibility checklist:**

1. Register at the beginning of your sophomore year at [www.eligibilitycenter.org](http://www.eligibilitycenter.org)
2. Pay your required fee to the NCAA Eligibility Center
3. Complete your amateurism questions
4. Take the ACT or SAG and use the code "9999" to have your official scores sent directly to the NCAA Eligibility Center. Test Scores must be sent to the NCAA Eligibility Center directly from ACT or College Board
5. Check with your guidance counselor to make sure you are on track to graduate on time with your class and have the required number of core courses for NCAA eligibility purposes
6. Request final amateurism certification during your senior year (beginning April 1)
7. St. Anthony's will send official transcript. If student attended any other high school for grades 9-12, student must request official transcript to be sent to NCAA

St. Anthony's High School is a member of CoreCourseGPA.com. This website is a tool in which you can calculate your Core Course GPA. If you would like a free membership, please see Mr. Minucci – Athletic Director.

***Please direct all NCAA related questions to Mrs. McGinty or Mrs. Hearney, Director of College Counseling.***

<b>English</b>				
_____ English 9	_____ English 10	_____ English 11	_____ Pass English Regents	
_____ English 12 <b>OR</b> _____ Two (2) half credit College Courses <b>OR</b> _____ AP English Language/AP English Literature				

<b>Foreign Language</b>				
<b>OR</b>	____ Spanish 9	____ Spanish 10	____ Spanish 11	____ Pass Checkpoint B Exam
	____ French 9	____ French 10	____ French 11	____ Pass Checkpoint B Exam
<b>OR</b>	____ Italian 9	____ Italian 10	____ Italian 11	____ Pass Checkpoint B Exam

**Science**

\_\_\_\_\_ Living Environment (pass Living Environment Regents)

\_\_\_\_\_ Physical Science (*pass Earth Science Regents or Chemistry Regents or Physics Regents*)

(**OR** \_\_\_\_ Forensics) (**OR** \_\_\_\_ Forensics H) (**OR** \_\_\_\_ Marine Science) (**OR** \_\_\_\_ Environmental Science)

(**OR** \_\_\_\_ Newtonian Physics) (**OR** \_\_\_\_ AP Environmental Science) (**OR** \_\_\_\_ AP Biology) (**OR** \_\_\_\_ AP Chemistry)

(**OR** \_\_\_\_ AP Physics I) (**OR** \_\_\_\_ AP Physics II) (**OR** \_\_\_\_ Microbiology H) (**OR** \_\_\_\_ Human Anatomy H)

(**OR** \_\_\_\_ Science Research H) (**OR** \_\_\_\_ Organic Chemistry H)

_____ 1 year of Fine Art (Chorus, Band, Orchestra, Studio in Art, Studio in Media Arts, Theatre Arts, Bagpipes/Drums, Intro to Music: Keyboard Skills, Percussion Ensemble)			
_____ Half credit Health			
_____ Phys Ed. 9	_____ Phys Ed. 10	_____ Phys Ed. 11	_____ Phys. Ed. 12
_____ <b>Elective (senior year)</b>	_____ <b>Elective (senior year)</b>	_____ <b>Elective (senior year) (3 credits required)</b>	

## **INTEGRATED STEM COURSES**

The primary objective of the Integrated STEM Program is to enhance and transform how we educate our students with new and exciting opportunities. The Integrated STEM Program allows students to explore different areas of mathematic and scientific study while making them better thinkers and problem solvers.

<u>3514</u>	AP Computer Science A
<u>3515</u>	AP Computer Principles
<u>3520</u>	Intro to Engineering
<u>3521</u>	Advanced Engineering
<u>3454</u>	AP Statistics
<u>4515</u>	Independent Science Research Honors
<u>4618</u>	Independent Science Research 2 (Lab Assignment)
<u>4455</u>	Human Anatomy and Physiology Honors

## **PLEASE NOTE THE REQUIREMENTS FOR** **AP COURSES** **COLLEGE COURSES**

### **SPECIAL NOTE TO THOSE CONSIDERING ADVANCED PLACEMENT COURSES:**

These are college level courses; make sure you are ready and willing to commit yourself to this level of academic work, pushing yourself to the limit in these in-depth and detailed courses. AP Courses are not like Honors Courses; they are college level, requiring a greater amount of time and extra work on your own. Please note that there is an **additional fee** to take the required AP Exam per course.

**With regard to any Honors or AP course, observe the following:**

1. Speak to students who are taking these courses or speak to your present teacher in that department or the department chairperson to understand the content and the requirements of the course.
2. Obtain any signatures, which may be required for a course: the list of those faculty members who can sign for these courses is posted outside each department office and in each homeroom.
3. Before signing up for any of these advanced courses, consider also if you plan on holding a job, because these courses will require more of your time.
4. Some courses require a Summer Assignment.
5. All students taking an AP Course **MUST** take the AP Exam in May. Failure to take your AP Exam will result in the loss of the AP weight for that class.

## **College Courses**

Students enrolled in a College Level Course at St. Anthony's are permitted to apply for college credits. These students must meet the requirements of the college to be granted these credits.

**The requirements are: Additional Fee – 80% average minimum final grade in this college credit course to receive college credits**

These courses are St. Anthony's High School courses. Students registering for these classes will not be permitted to add or drop regardless of college requirements. (Some colleges require that these courses be taken as a 4<sup>th</sup> elective in order to transfer credits). Please note that there is an **additional fee** per course due to the college/university for these credits. A minimum of ten (10) students per course must register for college credits in order for the course to qualify as a college course. **COLLEGES WILL GIVE CREDIT ONLY IF YOU REGISTER BY THEIR DUE DATE.**



# Saint Anthony's High School

275 Wolf Hill Road, South Huntington, New York 11747-1394  
631-271-2020 • Fax 631-547-6820 • [stanthonyshs.org](http://stanthonyshs.org)

Dean of Faculty  
Director of Studies

January 2021

Class of 2022:

As you study the new Course Selection Book, you will note that we continue to offer a wide variety of elective courses, including new AP Courses and college-credit courses.

## **REQUIRED COURSES:**

Theology – One Credit  
English – One Full Credit or two ½ Credit Courses  
Social Studies: Government and Economics (Regular or AP) – One Credit  
Guidance  
Physical Education – ½ Credit  
Three (3) Electives

The required courses add up to **3.5 Credits**. If you have not taken Health, you **must** take it as a Senior and you would then have **4 Credits** in **required** courses as a Senior.

After you select your required courses (including Health) then you need to pick your Elective Courses. Every Senior is required to take a minimum of 3 elective credits. A student (who has taken Health) who wants to take the minimum number of credits will take 6.5 credits. Students wishing to take more classes can submit an Overload Application.

**ELECTIVES:** It is important that you, as Seniors, plan carefully in selecting your elective courses; please keep in mind the following:

- **Requirements for the college(s) to which you will apply**
- **Requirements of the NCAA (see page 5)**
- **Your own plans for a college major and future career plans**
- **List the courses that are most important to you as "1, 2, 3 . . . ."**

Please do not select more than 7 credits if you need to have a free period every day. Remember that if there is an 8 period day, if you select 7.5 credits, as a general rule, you will spend half the school year with no free periods. If you select 8 credits, you will have very few, if any, free periods at all. Think long and hard about how diligently you want to work during your Senior year and what your prospective College may require.

On the following page, please find a summary of the electives you can select:

Sincerely,

Mr. Paul Washington



**Half Credit Courses:**

Microsoft Excel for Business  
 Advanced Financial Literacy  
 Advanced Accounting  
 \*World Literature I – College Level  
 \*World Literature II – College Level  
 \*Modern Drama – College Level  
 \*Literature of New York – College Level  
 \*Ideas and Themes in Literature – College Level  
 \*Literary Forms and Genres – College Level  
 \*The Short Story – College Level  
 \*Gothic, Mystery and Science Fiction – College Level  
 Theatre Arts II Honors  
 Ceramics  
 Digital Photography  
 Digital Illustration and Design  
 Film Appreciation  
 Musical Theatre Workshop  
 Film Production  
 Drawing and Painting  
 Drawing and Painting Honors

\*These English Courses may be taken  
 as ½ credit elective, only if taken in  
 addition to required English Course.

**Full Credit Courses:**

Spanish 12  
 Spanish 12 Honors  
 Advanced Spanish 12 Honors – College Level  
 AP Spanish Language and Culture  
 French 12  
 French 12 Honors  
 AP French Language and Culture  
 Italian I Honors  
 Latin I Honors  
 Chinese I Honors  
 Chinese II Honors  
 AP English Language and Composition (if taken as 2<sup>nd</sup> English course)  
 AP English Literature and Composition (if taken as 2<sup>nd</sup> English course)  
 Introduction to Speech/Public Speaking Honors – College Level

**Full Credit Courses (continued):**

Chorus  
 Gregorian Schola Honors  
 Instrumental Music Programs  
 Instrumental Music Programs Honors  
 Music Theory  
 Percussion Ensemble  
 Intro to Music: Keyboard Skills  
 Studio in Media Arts Honors  
 AP 2-D Art and Design  
 Portfolio Prep Honors  
 Intro to Psychology Honors – College Level  
 AP Psychology  
 AP Calculus BC  
 AP Calculus AB  
 AP Statistics  
 University Level Calculus 3  
 Intro to Analysis Honors – College Level  
 Pre-Calculus  
 Trigonometry and Algebra 2  
 Senior Functions  
 AP Computer Science A  
 AP Computer Principles  
 Intro to Engineering  
 Advanced Engineering  
 Intro to Business Honors – College Level  
 Principles of Marketing Honors – College Level  
 Business Law Honors – College Level  
 Advanced Accounting  
 Business & Personal Finance Honors  
 Marine Science  
 Organic Chemistry Honors  
 Forensics Science  
 Forensics Science Honors – College Level  
 Microbiology Honors – College Level  
 AP Biology  
 AP Chemistry  
 AP Environmental Science  
 Newtonian Physics  
 Physics Regents  
 Physics Honors  
 AP Physics 1  
 AP Physics 2  
 Independent Science Research Honors  
 Independent Science Research 2 (Lab Requirement)  
 Advanced Emergency Medical Technician  
 Human Anatomy Honors – College Level  
 Environmental Science Regular

## **THEOLOGY DEPARTMENT**

Mr. Patrick Maguire, Chairman

### 6113    **INTRODUCTION TO SACRED SCRIPTURE**

Full Year Course - 1 Credit

9<sup>th</sup> Year Level

Weight: 1.00

This course introduces students to the Sacred Scriptures of the Roman Catholic faith, their academic study and their interpretation. The various books of the Old and New Testaments are introduced in relation to their historical, cultural, and religious backgrounds, with timely references to geographical and archaeological data. In addition, students are introduced to the concepts of biblical inspiration, biblical inerrancy, the formation of the canon, faith and moral truth.

### 6115    **INTRODUCTION TO SACRED SCRIPTURE - HONORS**

Full Year Course - 1 Credit

9<sup>th</sup> Year Level - Limited Enrollment

Weight: 1.05

**Honors classes will meet 6 out of 7 days in each cycle**

This course is designed for students that have already received a strong Roman Catholic Religious Education

This course is an in depth study of the Sacred Scriptures of the Roman Catholic faith, their academic study and their interpretation. The various books of the Old and New Testaments are introduced in relation to their historical, cultural, and religious backgrounds, with timely references to geographical and archaeological data. In addition, students are introduced to the concepts of biblical inspiration, biblical inerrancy, and the formation of the canon, faith and moral truth.

### 6213    **INTRODUCTION TO CHURCH HISTORY**

Full Year Course - 1 Credit

10<sup>th</sup> Year Level

Weight: 1.00

This course examines the history of the Roman Catholic Church as a point of evangelization. Topics to be examined will include the development of the early Church, the Patristic Era, the Middle Ages, the Reformation period, and the Modern Era.

### 6215    **INTRODUCTION TO CHURCH HISTORY - HONORS**

Full Year Course - 1 Credit

10<sup>th</sup> Year Level - Departmental Approval Required, Limited Enrollment

Weight: 1.05

**Honors classes will meet 6 out of 7 days in each cycle**

To enter this Honors Course, a minimum of 90% in the present Theology course and a cumulative Grade Point Average of 90% is required. Acceptance into an Honors Course is provisional until determination is made based on Final Exam Grades and the Final Grade for the present course.

This course will serve as an introduction and overview to the study of the Roman Catholic Church in history. Following a presentation of the methods of the discipline, the course will survey the major moments in the history of the Church from the early Church to the present. The course will include the development of the Church's relationship with the world, the history of the papacy, the development of conciliar history, popular devotion, the life of the Church in various regions of the world, the lives of the saints, and the internal struggles of ecclesial life.

**6303 MORAL THEOLOGY**  
Full Year Course - 1 Credit  
11<sup>th</sup> Year Level  
Weight: 1.00

This course assists the student in applying Sacred Scripture to their moral life and understanding the social teachings of the Roman Catholic Church. The following fundamental areas of Catholic Moral Theology will be studied: the relationship between Christ and morality, the reality of sin, the natural law tradition, the proper use of freedom, the role of conscience in our moral decisions, and cultivating virtue. In addition, students will learn to appreciate the biblical foundation of the Saint Pope John Paul II's Theology of the Body and gain insights into the relationships between men and women and the mystery of love.

**6315 THE MORAL VOICE IN THE MODERN WORLD - HONORS**  
Full Year Course – 1 Credit  
11th Year Course – Limited Enrollment  
Weight: 1.05

**Honors classes will meet 6 out of 7 days in each cycle**

To enter this Honors Course, a minimum of 90% in the present Theology course and a cumulative Grade Point Average of 90% is required. Acceptance into an Honors Course is provisional until determination is made based on Final Exam Grades and the Final Grade for the present course.

This course will examine critical moral issues that have been part of the human experience throughout time, as well as those ethical concerns that have surfaced more recently. Some topics covered will include medical ethics, life/death issues, sexual ethics, and social justice issues. A foundation for addressing these issues will include discussion on conscience formation, laws and principles, the reality of evil in our world, pertinent biblical teachings and Roman Catholic Church teachings. Students will also be introduced to Saint Pope John Paul II's work on the Theology of the Body.

**6454 APOLOGETICS**  
Full Year Course – 1 Credit  
12th Year Level  
Weight: 1.00

Apologetics is the practice of explanation and defense of Roman Catholic Christianity. This course invites students into a deep encounter with the "reasons for belief" articulated by the greatest thinkers in the Roman Catholic tradition (St. Augustine, St. Thomas Aquinas, Bl. Cardinal John Henry Newman, G.K. Chesterton) as well as Christian thinkers such as C.S. Lewis.

The course highlights the perennial questions that surround informed belief: Does God exist? Is Jesus God? Is the Church necessary? Do we have a soul? In particular, the course explores the new apologetics of deep intimacy with Father, Son, and Holy Spirit by use of saintly witness, stories of conversion, visual art, and beauty.

After completion of the course, students will be capable of articulating a vision of the world inspired by Roman Catholic biblical principles as well as Divine Tradition. Students will also be capable of responding to the modern objections to religion found in atheism, agnosticism, and materialism in a charitable, articulate way.

**6553 CATECHETICS**

Full Year Course – 1 Credit – Interview Required by Campus Ministry Team, Limited Enrollment

12th Year Level

Weight: 1.00

**This course meets 6 out of 7 days in the cycle**

This course encourages students in both studying and contemplating the faith Jesus Christ has communicated through His loving plan of salvation. Those in this course will help evangelize and catechize or “echo down” the beauty of the Catholic faith, first directed towards a personal relationship with Jesus Christ, then by using documents from the magisterium of the Church. At the completion of this course, students will receive the Basic Diocesan Catechetical Certificate from the Diocese of Rockville Centre, thereby qualifying them to teach religious education in parishes on Long Island. Students in this class are required to undergo VIRTUS training, become members of the Kolbe Society and lead Sophomore Retreats on campus during the school day. This class will meet 6 out of 7 cycle days, has a limited enrollment and all applicants are required to both apply and interview with members of the Retreat Program. Further details will be available on the school website and in the Retreat Office.

**6465 INTRODUCTION TO ANCIENT AND CATHOLIC PHILOSOPHY - HONORS**

Full Year Course – 1 Credit

12th Year Level - Limited enrollment

Weight: 1.05

**This course meets 6 out of 7 days in the cycle**

To enter this Honors Course, a minimum of 90% in the present Theology course and a cumulative Grade Point Average of 90% is required. Acceptance into an Honors Course is provisional until determination is made based on Final Exam Grades and the Final Grade for the present course.

Introduction to Ancient and Catholic Philosophy explores the origin and development of the Catholic philosophical tradition. The course starts with its Greek and Jewish roots in Aristotle, Plato, and Old Testament wisdom literature, moves through Augustine and Aquinas, and culminates in contemporary Catholic thought. Philosophy, or the ‘love of wisdom,’ finds itself in the question to understand why things are as they are, and is expressed in the quest for truth. Introduction to Catholic Philosophy invites students to participate in this quest while considering some of the best answers to life’s questions.

*“Happy the words which come from the Holy Spirit, not from oneself.” (St. Anthony of Padua)*

## ENGLISH DEPARTMENT

Mrs. Nancy Kennedy, Chairwoman

### 1103    **INTRODUCTION TO LANGUAGE AND LITERATURE**

Full Year Course - 1 Credit

9<sup>th</sup> Year Level

Weight: 1.00

This course is designed to develop fundamental communication skills, including proficiency in grammar, vocabulary and composition. It introduces the student to literary genres, including poetry, essays, short stories, novels and drama. A study of mythology is included in this course with a view to incorporating a humanities theme as enrichment for course requirements. Course work will also include building a foundation for the English Regents Examination taken in Junior year.

### 1105    **INTRODUCTION TO LANGUAGE AND LITERATURE HONORS**

Full Year Course - 1 Credit

9<sup>th</sup> Year Level - Departmental Placement Required

Weight: 1.05

**Report card grades and recent Standardized Test will be reviewed for Honors Placement.**

The Freshman English Honors program offers the student the opportunity to explore works of each literary genre at a deeper level. Work of a more advanced nature is discussed and assigned in order to challenge the more gifted student. It is required that students entering this program be self-motivated and mature in their approach to the demands of a more extensive writing and reading program. Emphasis will be given to analytical and argumentative writing and, again, a study of mythology will be a part of the English Program. In addition, two major works are to be assigned per quarter. Course work will also include building a foundation for the English Regents Examination taken in Junior year.

### 1213    **WESTERN LITERATURE**

Full Year Course - 1 Credit

10<sup>th</sup> Year Level

Weight: 1.00

This Sophomore course surveys the growth of Western Literature and examines the factors which have determined its evolution. The contribution of Western Literature and its influence in the thought of each time period will be studied, so that students will be able to ascertain in what manner movements, beliefs or theories shaped its form. Students are required to study and to recognize the writers' techniques and devices used in each genre. The course will also include practice in vocabulary study and the written expression necessary for building a solid foundation for the English Regents taken in Junior year.

### 1215    **WESTERN LITERATURE HONORS**

Full Year Course - 1 Credit

10<sup>th</sup> Year Level

Weight: 1.05

To enter this Sophomore Honors Course, a minimum of 90% in the present course and a teacher recommendation is required. Acceptance into an Honors Course is finalized by Departmental approval and is provisional until determination is made based on Final Exam grades and the final grade for the present course.

The Sophomore Honors course examines the beginnings of Western thought in the works of Homer, Aristotle, Plato and the Greek Classical tragedians such as Sophocles, Aeschylus and Euripides. It emphasizes a study of mythology and its subsequent expression by artists in various disciplines at different times. With the birth of Christ, art assumed a new expression and a closer study brings to light the influence of Christian thought alongside the Greek Classical tradition and how these two major influences were embraced and engendered in important works of literature in time periods up to and including the Victorian Age. The course will also include practice in vocabulary study and the written expression necessary for the building of a solid foundation for the English Regents taken in Junior year.

**1313 AMERICAN LITERATURE**

Full Year Course - 1 Credit

11<sup>th</sup> Year Level

Weight: 1.00

This Junior course focuses upon the study of American Literature in works representative of the decades spanning America's Puritan beginnings up to and including works of our modern age. The course emphasizes the trend in the written word which reflects the growth of the American spirit and its values. To this end, students are also encouraged to master the literary genres represented in the course selections and to acquire those additional skills needed for proficiency in composition and grammar. At this level of English, students are required to study the proper method of writing a formal research paper and submit a research paper as a Junior year requirement. Students are required to take the English Regents Examination and Final Examination.

**1315 AMERICAN LITERATURE HONORS**

Full Year Course - 1 Credit

11<sup>th</sup> Year Level

Weight: 1.05

To enter this Junior Honors Course, a minimum of 90% in the present course and a teacher recommendation is required. Acceptance into an Honors Course is finalized by Departmental approval and is provisional until determination is made based on Final Exam grades and the final grade for the present course.

The American Literature Honors course focuses on the development of American Literature from the seventeenth century to the present. Hawthorne, Melville, Emerson, Thoreau, Twain and Whitman are emphasized. It is required that the student entering this program will be self-motivated and mature in their approach to the demands of a more extensive writing and reading program. The required writing is devoted to an analysis of the literature in the area of structure, character development, theme, use of symbolism and figurative language, thereby enabling the students to gradually acquire the skills of literary criticism. Vocabulary and writing skills are stressed. American Literature Honors is designed for students with above average motivation. At this level of English, students are required to study the proper method of writing a formal research paper and submit a research paper as a Junior year requirement. Students are required to take the English Regents Examination and Final Examination.

**1428 AP ENGLISH LANGUAGE AND COMPOSITION**Full Year Course - 1 Credit - AP Examination Required – **additional fee**11<sup>th</sup> and 12<sup>th</sup> Year Level - Departmental Approval Required

Weight: 1.10

To enter this AP Course, a minimum of 92% in the present course and a teacher recommendation is required. Acceptance into an AP Course is finalized by Departmental approval and is provisional until determination is made based on Final Exam/Regents grades and the final grade for the present course.

The Advanced Language and Composition Course is a College Course for students who are prepared and eager to accept the challenge of introductory college-level work in English. AP Language and Composition is primarily a writing course in which students read and carefully analyze a broad and challenging collection of writings as well as visual texts to deepen their awareness of how writers use language effectively. Grammar usage, mechanics and vocabulary instruction will occur in the context of student writing and in the analysis of written passages. The Advanced Placement Examination, taken in May, is a requirement of this course.

**1438 AP ENGLISH LITERATURE AND COMPOSITION**Full Year Course - 1 Credit - AP Examination Required – **additional fee**12<sup>th</sup> Year Level - Departmental Approval Required

Weight: 1.10

To enter this AP Course, a minimum of 92% in the present course and a teacher recommendation is required. Acceptance into an AP Course is finalized by Departmental approval and is provisional until determination is made based on Final Exam/Regents grades and the final grade for the present course.

The Advanced Literature and Composition course, open to Seniors, is a college course with emphasis on the critical approach to literature and its expression in analytical writing. Advanced philosophical, theological and psychological principles will be studied in conjunction with the works to which they apply. The reading and writing requirements for this course are extensive and should only be undertaken by highly motivated students. The AP Examination, taken in May, is a requirement of this course.

1473

**1474 INTRODUCTION TO SPEECH / PUBLIC SPEAKING – HONORS (COLLEGE CREDIT)**

Full Year Course - 1 Credit - **additional fee required if taking for College Credits**

12<sup>th</sup> Year Level - Departmental Approval Required

Weight: 1.05

To enter this Honors Course, a minimum of 90% in the present course and a teacher recommendation is required. Acceptance into an Honors Course is finalized by Departmental approval and is provisional until determination is made based on Final Exam/Regents grades and the final grade for the present course.

The full year speech course is divided into two semester courses. Introduction to Speech is a developmental course, which focuses on the basic skills of clear, emphatic speech. The phonetic alphabet is used as the foundation of linguistic analysis combined with literary reading as the evaluative criteria for formal presentations. Public Speaking builds on skills of clarity and emphasis while expanding instruction to include the construction and delivery of a variety of public speaking experiences. A comprehensive paper will be required each quarter. This is a college course in which college credits will be awarded upon successful completion of the college requirements, which are: payment of a fee and a minimum final grade of 80%.

**SENIORS ARE REQUIRED TO TAKE EITHER A FULL YEAR ENGLISH COURSE OR TWO ½ YEAR ENGLISH COURSES**

**1403 MODERN LITERATURE**

Full Year Course - 1 Credit

12<sup>th</sup> Year Level

Weight: 1.00

Modern Literature introduces students to the concepts, ideas and literary philosophy, which shaped the twentieth century. Essential concepts such as modern psychology and the differing philosophies of our modern world are explored. Study focuses on the major writers of the modern age, and the varied genres of their works. Because secular philosophies of literature reflect modern society, students are challenged to understand, compare and revitalize their Roman Catholic values.

**THE ½ YEAR COURSES ARE PAIRED TOGETHER AS FRAMED:**

**To enter these Honors Courses, a minimum of 90% in the present course and a teacher recommendation is required. Acceptance into an Honors Course is finalized by Departmental approval and is provisional until determination is made based on Final Exam/Regents grades and the final grade for the present course. These are college courses in which college credits will be awarded upon successful completion of the college requirements, which are: payment of a fee and a minimum final grade of 80%.**

**1415 WORLD LITERATURE I: FROM ANTIQUITY TO THE RENAISSANCE – HONORS (COLLEGE CREDITS)**

Half Year Course – ½ Credit – **additional fee required if taking for College Credits**

12<sup>th</sup> Year Level – Departmental Approval Required

Weight: 1.05

In this course students will examine portraits of the human condition depicted by the some of the world's greatest authors. Our major focus will be the human quest for purpose and truth. In the first half of this course students will read *Genesis*, Dante's *Inferno*, and Shakespeare's *Othello*. Special attention will be given to literary criticism and analytical writing.

The course work will deal with exploring the cultural context of the great works and their continued influence on modern society. Special attention will be given to literary criticism and analytical writing.

**1425 WORLD LITERATURE II: THE ENLIGHTENMENT TO THE PRESENT – HONORS (COLLEGE CREDITS)**

Half Year Course – ½ Credit – **additional fee required if taking for College Credits**

12<sup>th</sup> Year Level - Departmental Approval Required

Weight: 1.05

World Literature II will cover the development of the various national cultures through the literary works of Kafka, Eliot, Tolstoy, Miller and Nottage. Students will become familiar with literary criticism and in achieving proficiency in the style and form of college writing.

**To enter these Honors Courses, a minimum of 90% in the present course and a teacher recommendation is required. Acceptance into an Honors Course is finalized by Departmental approval and is provisional until determination is made based on Final Exam/Regents grades and the final grade for the present course. These are college courses in which college credits will be awarded upon successful completion of its requirements: payment of a fee and a minimum final grade of 80%.**

**1445 MODERN DRAMA- HONORS (COLLEGE CREDITS)**  
Half Year Course – ½ Credit – **additional fee required if taking for College Credits**  
12<sup>th</sup> Year Level - Departmental Approval Required  
Weight: 1.05

This college course will consist of an exploration of modern drama through a study of such authors as Ibsen, Albee, Sartre, Miller, Strindberg, Hellman, Williams and Kushner. Students will study the social, political, cultural and psychological influences of these American and European playwrights and examine the connections of their works to the world today.

**1475 LITERATURE OF NEW YORK – HONORS (COLLEGE CREDITS)**  
Half Year Course – ½ Credit – **additional fee required if taking for College Credits**  
12<sup>th</sup> Year Level – Departmental Approval Required  
Weight: 1.05

An examination of literary works – spanning all genres – set in New York that explore the city as a site of material ambition, romance, cultural diversity, wealth, poverty, and alienation. The ways in which the city impacts human lives will be explored through both sociological and psychological lenses. There will be analysis of the use of New York City as not only a setting, but also as a character in her own way. Among the works to be read in the course are such New York novels as *The Great Gatsby* and *The Natural*, plays such as *A View from the Bridge* and *Angels in America*, poetry by Langston Hughes and Walt Whitman, and various short stories and essays featured in *The New Yorker*.

**To enter these Honors Courses, a minimum of 90% in the present course and a teacher recommendation is required. Acceptance into an Honors Course is finalized by Departmental approval and is provisional until determination is made based on Final Exam/Regents grades and the final grade for the present course. These are college courses in which college credits will be awarded upon successful completion of its requirements: payment of a fee and a minimum final grade of 80%.**

**1485 IDEAS AND THEMES IN LITERATURE: A Walk in the Ruins: Wrongdoing and the Journey Back – HONORS (COLLEGE CREDITS)**  
Half Year Course – ½ Credit – **additional fee required if taking for College Credits**  
12<sup>th</sup> Year Level – Departmental Approval Required  
Weight: 1.05

This course will seek to explore the ideas of sin and redemption in its various forms. Students will study the works of authors such as Flannery O'Connor, Graham Greene, C.S. Lewis and Walker Percy among others. Discussions of literary works, critical essays and films will focus on the authors' or directors' perception of good and evil in society. Additionally, contemporary articles and essays will be utilized to offer varying world views bringing perspectives of works of fiction into the real world.

**1495 LITERARY FORMS AND GENRES: Multimedia Literary Exploration – HONORS (COLLEGE CREDITS)**  
Half Year Course – ½ Credit – **additional fee required if taking for College Credits**  
12<sup>th</sup> Year Level – Departmental Approval Required  
Weight: 1.05

In this course, students will study literature and media across various literary genres, including short stories, novels, poems, film, television, and podcasts. Students will be encouraged to work independently on research-based assignments in order to find connections to the themes covered in class – and previous classes in high school – across various platforms and literary criticisms. Themes included will be the search for identity and truth, the nature of enlightenment, and man's search for meaning.

The goal is for students to leave the classroom with not only confidence in the research process and an increased knowledge of modern literature and culture as a whole, but also a heightened sense of awareness of their roles in this world. To understand that their choices and behaviors today can impact society tomorrow will serve them well going forward.



**To enter these Honors Courses, a minimum of 90% in the present course and a teacher recommendation is required. Acceptance into an Honors Course is finalized by Departmental approval and is provisional until determination is made based on Final Exam/Regents grades and the final grade for the present course. These are college courses in which college credits will be awarded upon successful completion of its requirements: payment of a fee and a minimum final grade of 80%.**

**1435 THE SHORT STORY – HONORS (COLLEGE CREDITS)**

Half Year Course – ½ Credit – **additional fee required if taking for College Credits**

12<sup>th</sup> Year Level – Departmental Approval Required

Weight: 1.05

This course offers an introduction to the short story and its development since the nineteenth century. What are some of the characteristics and conventions of short fiction? How do we understand a short story differently in the context of a collection? What are some of the challenges of this format? These readings will enable us to examine various literary genres as well as several major artistic movements, including Romanticism, Realism, Naturalism, Modernism, Postmodernism Post-colonialism, and Minimalism. Some possible authors include Hawthorne, Poe, Twain, Flaubert, Chekov, James, Joyce, Lawrence, Mansfield, Faulkner, Dostoyevsky, Kafka, Hemingway, O'Connor, Walker, Beattie, Updike.

**1436 GOTHIC, MYSTERY AND SCIENCE FICTION – HONORS (COLLEGE CREDITS)**

Half Year Course – ½ Credit – **additional fee required if taking for College Credits**

12<sup>th</sup> Year Level – Departmental Approval Required

Weight: 1.05

This course offers an overview of the evolution of supernatural and mystery fiction from its inception in the 18<sup>th</sup> century up to and including some science fiction works. Students will be introduced to the conventions of Gothic literature such as mystery, peril and use of atmosphere. *Frankenstein: The Modern Prometheus* by Mary Shelley – possibly one of the first works of science fiction – will be covered. The mysteries of Edgar Allan Poe will be explored as well as the works of Arthur Conan Doyle. Agatha Christie's and other mysteries will also be explored. Some film interpretations of works will be viewed. Early science fiction by H.G. Wells along with some modern sci-fi authors such as Ray Bradbury and Stephen King will round out the curriculum.

## **FINE ARTS DEPARTMENT**

Mr. Bruce Engel, Director of Music

Mr. Zachary Davino, Director of Art

### **8873 CHORUS**

8877 Full Year Course - 1 Credit

8883 Open to all Students - Pre-requisite - Approval of Choral Director Required

8887 Weight: 1.00

St. Anthony's Chorus is an academic subject within the Music Program, consisting of Freshmen, Sophomores, Juniors, and Seniors. Members of the Chorus are required to sing Soprano, Alto, Tenor, and Bass music in the Christmas and Spring Concerts, as well as provide Liturgical Music for Religious and Special Events. The choral repertoire spans the Medieval Era to the Modern Musical Era.

### **8875 GREGORIAN SCHOLA HONORS**

8880 Full Year Course - 1 Credit

8885 Open to Junior and Senior Schola Members only - Pre-requisite – Selection by the Choral Director

8890 Weight: 1.05

To enter the Gregorian Honors course, a minimum of 90% average and the selection by the Director is required. In addition to Chorus, the Schola Member must also perform at Schola Events and serve the Chorus in a leadership position. Additionally, honors projects are required each quarter encompassing musical analysis, artistic investigation, architectural perspective, cultural progress and historical developments surrounding each of the musical epochs of Western Music. Additionally, historical and musical analysis of the compositions being performed, with tests and academic reports, are an integral component of this class. Time will be allocated in which the academic components of this course will be taught and exams administered.

### **8874 SOPHOMORE CHORUS HONORS**

8878 Full Year Course - 1 Credit

8884 Open to Sophomore Officers - Pre-requisite – Selection by the Choral Director

8889 Weight: 1.05

To enter the Sophomore Honors course, a minimum of 90% average and the appointment by the Director is required. In addition to Chorus, the Sophomore student will be called upon to perform at Special Events and serve the Chorus in a leadership position. Additionally, honors projects are required each quarter encompassing musical analysis, artistic investigation, architectural perspective, cultural progress and historical developments surrounding each of the musical epochs of Western Music.

### **8813 CONCERT BAND**

Full Year Course - 1 Credit

Open to 9<sup>th</sup> and 10<sup>th</sup> Grade Students - Pre-requisite: Audition and Approval of Band Director Required

Weight: 1.00

This is a performance course for students with intermediate band skills. The student develops technical skills through the study of varied musical material, challenging the student's ability in rhythm, technique, and aesthetic quality. Basic pep band techniques will also be introduced. Members of the Concert Band are required to perform in the Christmas and Spring Concerts, as well as three athletic events. Private lessons are encouraged for all; however, private lessons are mandatory for all percussionist and pianist.

### **8823 SYMPHONIC BAND**

Full Year Course - 1 Credit

Open to all Students - Pre-requisite: Audition and Approval of Band Director Required

Weight: 1.00

This is a performance course for students with advanced skills in instrumental music. The student continues to sharpen musical skills, develop an understanding of performance technique, and examine analytic, historical, and interpretive elements of symphonic literature. Members of the Symphonic Band are required to perform in the Christmas and Spring Concerts. Private study is **required** for all 9th and 10th grade students, and all grades of percussionist and pianist.

**8825 SYMPHONIC BAND HONORS**

Full Year Course - 1 Credit

Open to all Students - Pre-requisite: Audition and Approval of Band Director RequiredWeight: 1.05 Private Lessons Required

To enter this Honors course, a minimum of 90% average and a teacher recommendation is required. In addition to Symphonic Band, student must also perform in Chamber Music Ensemble or Pep Band, as well as serve the ensemble in a leadership position.

Additionally, historical and musical analysis of the compositions being performed, with tests and academic reports, are an integral component of this class.

**8843 CHAMBER MUSIC**

Full Year Course - 1 Credit

Pre-requisite: Private lessons and participation in Concert Band, Symphonic Band, and/or Orchestra.

Weight: 1.00

This is a performance course for students with advanced skills in instrumental music. The student becomes a member of a small instrumental ensemble and continues to sharpen musical skills and develop an understanding of chamber music performance techniques. All instrumental combinations will be considered.

**8833 JAZZ BAND**

Full Year Course - 1 Credit

Open to all Students - Pre-requisite: Audition Required/Approval of Band Director

Student must be in Concert Band, Symphonic Band or Orchestra (except guitar and bass guitar)

Weight: 1.00

**This course meets every Tuesday at 5:15 p.m. – 6:45 p.m.**

This is a performance course for students with advanced instrumental ability. Music played is from the Big Band sound to today's pop style literature. Members of the Jazz Band are required to perform in the Christmas, Spring and special concerts.

**8835 JAZZ BAND - HONORS**

Full Year Course - 1/2 Credit

Open to all Students - Pre-requisite: Audition Required/Approval of Band Director

Weight: 1.05 Open to all Students in the instrumental music department

**This course meets every Tuesday at 5:15 p.m. – 6:45 p.m.**

To enter this honors course, each student must audition for the Jazz Band Director or obtain a recommendation from the Jazz Band Director. This is a performance course for students with advanced skills in jazz music. The student will further sharpen musical skills and examine historical and interpretive elements in written and improvised jazz music. All students in the honors jazz band will be required to take an improvised solo at two of our three public appearances (Christmas Concert, Spring Concert, or Jazz Band Concert). Students will also be required to write one single-spaced, five page paper on a jazz related topic of the Jazz Band Director's choosing. Lastly, students will attend extra rehearsals and learn additional, more challenging music to be presented at the St. Anthony's Jazz Band Concert.

**8901 PERCUSSION ENSEMBLE**

Full Year Course - 1 Credit

Open to All Students - Pre-requisite: Audition and Approval of Ensemble Director Required

Weight: 1.00

**This course meets every Tuesday at 2:45 p.m. – 4:00 p.m.**

This is a performance course for students with varied ability in percussion skills. Music performed will include a variety of repertoire from multiple music traditions including: western classical music, African drumming traditions, pop style literature, Latin jazz, and Brazilian Samba. Students will develop and hone skills in basic playing technique, listening, reading music, ensemble collaboration, understanding of differing performance styles, improvisation, and leadership. Members of the Percussion Ensemble are required to attend weekly rehearsals and perform in a concert in the Spring.

## Full Year Course - 1 Credit

Open To All Students - Pre-requisite: Approval of Orchestra Director Required  
Weight: 1.00

This is a performance course designed specifically for Orchestral Instrumentalist of varied ability. Through technical direction, sectional practice, ensemble technique, and aesthetic overview, the student develops skills necessary for the critical performance of symphonic literature. Members of the Orchestra are required to perform in the Christmas and Spring Concerts. Private study is encouraged for all; however, private study is required for all winds, brass, percussion and pianist.

## Full Year Course - 1 Credit

Open To All Students - Pre-requisite: Approval of Orchestra Director Required  
Weight: 1.05 Private Lessons Required

To enter this Honors course, a minimum of 90% average and a teacher recommendation is required. In addition to Orchestra, student must also perform in Chamber Music Ensemble or Pep Band, as well as serve the ensemble in a leadership position.

Additionally, historical and musical analysis of the compositions being performed, with tests and academic reports, are an integral component of this class.

**Full Year Course – 1 Credit – this course fulfills NY State requirement for Fine Arts**

Open To All Students - Pre-requisite: Audition by Teacher Required for Placement  
Weight: 1.00

Through the medium of the piano, students will explore music as experienced in different countries and cultures throughout the world. In addition, students will go through the history of music while discovering a diversity of styles including classical, folk and popular music as they pertain to their respective cultural regions. This course can help create a foundation and appreciation of music on a global scale with a diversified hands-on survey of cultures through learning the piano

## Full Year Course – 1 Credit

Open to All Students  
Weight: 1.00

**This course meets every Monday at 2:45 p.m. – 5:00 p.m. in the Chorus Room on the lower level of the Student Center.**

This course is open to all students seeking to learn how to play the Great Highland Bagpipes. Students are not required to have any previous musical experience, only the desire to learn and the commitment to practicing their lessons. Students are provided with a practice chanter and a copy of an instructor generated course material booklet. They receive basic level instructions in reading, writing, listening and playing activities to begin developing their basic skills, playing skills and musical notation skills as it pertains to Bagpiping. The artistry of music is developed according to the potential of the students and opportunities to give service to the school and community is provided through performances in public. By the conclusion of this course, a student will begin to transition from playing a practice chanter to playing a Great Highland Bagpipe. **In lieu of the flexibility with other after school classes/activities, school holidays, and other events which may interfere with the regular Monday meeting, there may be an additional class meeting set at the discretion of the instructors either after school or during one free per 7 day cycle.**

## Full Year Course – 1 Credit

Open to All Students - Pre-requisite: Intro. To Bagpipes (or equivalent) Student MUST Be Able to Read Music  
Weight: 1.00

**This course meets every Thursday at 2:45 p.m. – 5:00 p.m. in the Chorus Room on the lower level of the Student Center.**

This is a performance course for students with already developed basic skills in bagpiping. The student will continue to develop their skills in playing the Great Highland Bagpipe and become a member of the Celtic Friars Pipe Band. The student continues to develop musical skills through the study of varied musical material and performance techniques. Basic show and marching band techniques will also be introduced. The artistry of music continues to be developed according to the potential of the students and opportunities to give service to the school and community is provided through performances in public. Members of the Celtic Friars Pipe Band are required to perform in various concerts, parades and for athletic events throughout the school year. By the conclusion of the course, a student will develop a full repertoire of pipe band music and the skill and confidence needed to start both individual and band level competitive experiences. **Conflicts with some extracurricular activities may occur.**

## **8865 BAGPIPES - HONORS**

Full Year Course – 1 Credit

Open to All Students – Pre-requisite: Audition and Approval of Pipe Band Director Required

Weight: 1.05

**This course meets every Thursday at 2:45 p.m. – 5:00 p.m. in the Chorus Room on the lower level of the Student Center.**

Teacher recommendation is required. This is a performance course for students with advanced skills in bagpiping. Through this course, the student will further sharpen musical skills and examine historical and interpretive elements of classical bagpiping, Piobaireachd, as well as strengthen their skills as an individual piper through individual competitive experiences. The student will develop leadership skills by serving in leadership positions with the Celtic Friars Pipe Band while performing in various concerts, parades, athletic events, and both Eastern United States Pipe Band Association (E.U.S.P.B.A.) Metropolitan Branch sanctioned Individual and Band Competition events. Historical and musical analysis of the compositions being performed, with academic reports are an integral component of this class and individual original musical compositions are encouraged. By the conclusion of this course, a student will have developed a full repertoire of pipe band music and the skill and the necessary confidence needed to actively participate in both individual and band level competitive experiences. **Conflicts with some extracurricular activities may occur.**

## **8911 INTRODUCTION TO HIGHLAND PIPE BAND DRUMMING**

Full Year Course – 1 Credit

Open to All Students

Weight: 1.00

**This course meets every Monday at 2:45 p.m. – 5:00 p.m. in the Chorus Room on the lower level of the Student Center.**

This course is open to all students seeking to learn how to play Highland Snare, Bass, or Tenor Drums. Students are not required to have any previous musical experience, only the desire to learn and the commitment to practicing their lessons. Students are provided with a practice pad and one (1) pair of drum sticks/mallets and a copy of an instructor generated course material booklet. They receive basic level instructions in reading, writing, listening and playing activities to begin developing their basic skills, playing skills and musical notation skills as it pertains to Pipe Drum Drumming. The Bass and Tenor Drummers also receive the basics of how to “start” and “stop” the Band, how to keep a steady “street beat” while marching, and the concepts of a “slow March”, time settings and self awareness. The artistry of music is developed according to the potential of the students and opportunities to give service to the school and community is provided through performances in public. By the conclusion of this course, a student will be beginning to transition from playing on a practice pad to playing a Snare, Bass or Tenor Drum. **Conflicts with some extracurricular activities may occur.**

## **8912 HIGHLAND PIPE BAND DRUMMING**

Full Year Course – 1 Credit

Open to All Students - Pre-requisite: Intro. To Highland Pipe Band Drumming (or equivalent)

Student Must Be Able to Read Music

Weight: 1.00

**This course meets every Thursday at 2:45 p.m. – 5:00 p.m. in the Chorus Room on the lower level of the Student Center.**

This is a performance course for students with already developed basic skills in Pipe Band Drumming. Through this course, the student will continue to develop and sharpen their musical skills in playing the Snare, Bass, or Tenor Drum and become a member of the Celtic Friars Pipe Band. The student continues to develop musical skills through the study of varied musical material and performance techniques. Basic show and marching band techniques will also be introduced. The Bass and Tenor Drummers continue to develop their skills with “starting” and “stopping” the Band, developing and maintaining a steady “street beat” while marching, playing “slow March”, time settings, self-awareness and the basics of competitive Bass and Tenor Drumming. The artistry of music continues to be developed according to the potential of the students and opportunities to give service to the school and community is provided through performances in public. Members of the Celtic Friars Pipe Band are required to perform in various concerts, parades and for athletic events throughout the school year. By the conclusion of the course, a student will develop a full repertoire of pipe band music and the skill and confidence needed to start both individual and band level competitive experiences. **Conflicts with some extracurricular activities may occur.**

### **8915 HIGHLAND PIPE BAND DRUMMING - HONORS**

Full Year Course – 1 Credit

Open to All Students – Pre-requisite: Audition and Approval of Pipe Band Director Required

Weight: 1.05

**This course meets every Thursday at 2:45 p.m. – 5:00 p.m. in the Chorus Room on the lower level of the Student Center.** Teacher recommendation is required. This is a performance course for students with advanced skills in Pipe Band Drumming. Through this course, the student will further develop and sharpen their musical skills and examine the historical and interpretive elements of Pipe Band Drumming, as well as strengthening their skills as an individual drummer through individual competitive experiences. The Bass and Tenor Drummers will continue to sharpen their skills with “starting” and “stopping” the Band, developing and maintaining a steady “street beat”, “slow March”, while focusing more on the competitive aspects of Bass and Tenor Drumming. The student will develop leadership skills by serving in leadership positions with Celtic Friars Pipe Band while performing in various concerts, parades, athletic events and at both Eastern United States Pipe Band Association (E.U.S.P.B.A.) Metropolitan Branch sanctioned Individual and Band Competition events. Historical and musical analysis of the compositions being performed, with academic reports, are an integral component of this class and individual original musical compositions are encouraged. By the conclusion of this course, a student will have developed a full repertoire of pipe band music and the skill and the necessary confidence needed to actively participate in both individual and band level competitive experiences. **Conflicts with some extracurricular activities may occur.**

### **8653 MUSIC THEORY**

Full Year Course - 1 Credit

10<sup>th</sup>, 11<sup>th</sup> and 12<sup>th</sup> Year Level - Pre-requisite: Student Must Be Able To Read Music - Approval of Music Instructor Required

Weight: 1.00

This course is open only to students who read music. Students are provided with reading, writing, singing, and listening activities to sharpen their skills of musical notation. Topics include terminology, construction of scales, intervals, chords, basic harmonic, melodic, and rhythmic patterns, techniques of analysis, score reading, dynamics and phrasing, as well as an introduction to the methods of musical composition. Passing of musical aptitude test is mandatory.

### **8183 THEATRE ARTS I: An Introduction to Acting and Improvisation**

Full Year Course - 1 Credit

Open to All Students

Fulfills the Graduation Requirement of 1 Full Credit in Fine Arts

Weight: 1.00

This course will explore the fundamentals of acting and improvisation. Small and large group activities explore and express the balance of exterior and interior life through the development of basic body and vocal techniques, sensory awareness, pantomime, public speaking and improvisation. The goal of the course is to develop the student's concentration, creativity, individuality, and self-expression while gaining a deeper knowledge and appreciation of theatre. Students will build upon the skills learned in the first half of the course in hope of creating a spontaneous life on stage through a variety of short and long form improvisations modeled after the intro class of the UCB (Upright Citizen's Brigade), a professional improvisational theatre/training center located in New York City.

### **8185 THEATRE ARTS I - HONORS: An Introduction to Acting and Improvisation**

Full Year Course - 1 Credit

Open to Advanced Beginners

Fulfills the Graduation Requirement of 1 Full Credit in Fine Arts

Weight: 1.05

This course offers students who have a theatrical background an opportunity to further develop their acting and improvisation skills at a more advanced level. Small and large group activities explore and express the balance of exterior and interior life through the development of basic body and vocal techniques, sensory awareness, pantomime, public speaking and improvisation. The goal of the course is to develop the student's concentration, creativity, individuality, and self-expression while gaining a deeper knowledge and appreciation of theatre. Students will build upon the skills learned in the first half of the course in hope of creating a spontaneous life on stage through a variety of short and long form improvisations modeled after the intro class of the UCB (Upright Citizen's Brigade), a professional improvisational theatre/training center located in New York City.

**8145 THEATRE ARTS II - HONORS: SCENE STUDY**  
One Semester Course - 1/2 Credit -  
Open to all students - Pre-requisite: Approval of Drama Instructor Required  
Weight: 1.05

Theatre Arts II Honors: Scene Study is a course in advanced acting which applies the skills achieved in the preliminary theatre courses directly to dramatic literature. The development of characterization and character relationships as they stem from the playwright's words is key to the dramatic process. Students will explore the objectives and motivations of characters from a variety of different plays while learning the basics of staging a theatrical scene. The goal of the course is to prepare the serious student for continued work at the college level. Attendance at an outside performance is mandatory.

**8144 MUSICAL THEATRE WORKSHOP**  
One Semester Course - 1/2 Credit  
10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> year level - Pre-requisite: Approval of Drama Instructor Required  
Weight: 1.00

This performing arts course explores the history of the American Musical Theatre as well as further developing the skills needed to interpret and execute a variety of musical theatre scenes and songs. Students will develop their acting, movement and vocal performance techniques through active participation and reflection. The course will also teach auditioning skills and foster the art of collaboration. A broad overview of the history, styles, works and artists of the musical theatre genre is included. The course will conclude with a public performance.

**8203 STUDIO IN ART**  
Full Year Course - 1 Credit  
Open To All Students  
Fulfills the Graduation Requirements of 1 Full Credit in Fine Art  
Weight: 1.00

This course for beginners is a hands-on studio experience for students wishing to explore and strengthen their artistic talents. It introduces the Elements and Principles of Design, and teaches students to successfully incorporate them into their own artwork. Students will become knowledgeable about and make use of varied art materials. Major periods and figures in the history of art are touched upon in conjunction with class projects. A set of art supplies required for the year is provided. The first week of class, an additional art supply fee will be collected.

**8205 STUDIO IN ART - HONORS**  
Full Year Course - 1 Credit  
Open To Advanced Beginners  
Fulfills the Graduation Requirements of 1 Full Credit in Fine Art  
Weight: 1.05

Studio in Art Honors offers students with a stronger artistic background the opportunity to explore art at a deeper level. Basic skills are reviewed, and students study the Elements and Principles of Design. Students also delve into art as it relates to marketing and advertising. Major periods and figures in the history of art are touched upon in conjunction with class projects. A set of art supplies required for the year is provided. The first week of class, an additional art supply fee will be collected.

**8215 STUDIO IN MEDIA ARTS - HONORS**  
Full Year Course - 1 Credit  
Open To All Students  
Fulfills the Graduation Requirements of 1 Full Credit in Fine Art  
Weight: 1.05

This full year course will explore the foundations of design with the elements of design through the use of Adobe Creative Suite. Students will receive a guided curriculum exploring the use of Photoshop and Illustrator, as well as utilizing the computer as another tool in an artist's tool belt. Similar to our Studio in Art course, this course will also act as a pre-requisite to most other art courses. A set of art supplies required for the year is provided. The first week of class, an additional art supply fee will be collected.

**8408 AP 2-D ART AND DESIGN**  
Full Year Course - 1 Credit – AP Portfolio Submission Required – Additional Fee  
Pre-requisite: Approval of Art Director  
Weight: 1.10

This full year course will be offered to those who have taken three previous sections of Fine Arts and who have completed Studio in Art or Studio in Media. This course is an intensive course that requires twenty (20) images submitted for critique and evaluation by the AP Board. This course is for those who are serious about art and can create innovative solutions under strict deadlines and a strong body of work. A set of art supplies required for the year is provided. The first week of class, an additional art supply fee will be collected.

**8455 PORTFOLIO PREP - HONORS**  
Full Year Course - 1 Credit  
Pre-requisite: Approval of Art Director  
Weight: 1.05

This is a course to prepare students who are planning a future career in art as well as for those who want to embrace their artistic talent as an integral part of their identity. Students will create a portfolio that contains quality artwork. This will include a body of work with a specific area of concentration that is an in depth commitment to a particular artistic concern. Students' work will encompass a breadth of experiences in the formal, technical, and expressive means available to artists. A set of art supplies required for the year is provided. The first week of class, an additional art supply fee will be collected.

**8462 DRAWING AND PAINTING**  
One Semester Course - 1/2 Credit  
Pre-requisite - Approval of Art Director  
Weight: 1.00

This half-year course allows students to continue their study of drawing and painting, as they create well designed and meaningful artwork. Students will strengthen skills learned in their prior art course, and at the same time further develop their own understanding of using art materials. Throughout the course students will be taught to master the materials within the area of their choosing. A set of art supplies required for the year is provided. The first week of class, an additional art supply fee will be collected.

**8465 DRAWING AND PAINTING - HONORS**  
One Semester Course - 1/2 Credit  
Pre-requisite - Approval of Art Director  
Weight: 1.05

This is a theme-based course that empowers students to continue their mastery of either paints or drawing materials as they create well designed and meaningful artwork. Students will strengthen skills learned in their prior art course, and at the same time further develop their own creative style. Throughout the course students will be introduced to and taught to master additional art materials within their area of concentration. A set of art supplies required for the year is provided. The first week of class, an additional art supply fee will be collected.

**8413 CERAMICS**  
One Semester Course - 1/2 Credit  
No pre-requisite  
Weight: 1.00

This course introduces the student to the fundamentals of three-dimensional design in clay. Students are taught the basic methods of hand building and the principles of decoration, design in clay, and glazing. Students are presented with the history of ceramics and its development in different cultures. A set of art supplies required for the year is provided. The first week of class, an additional art supply fee will be collected.

**8483 DIGITAL ILLUSTRATION AND DESIGN**  
One Semester Course - 1/2 Credit  
Pre-requisite: Approval of Art Director  
Weight: 1.00

This half-year course will teach the foundations of digital art using Adobe Photoshop and Illustrator. Using their understanding from prerequisite courses, students will be able to navigate the basic Adobe interface and utilize Wacom tablets to create illustrated works on the computer. Projects will incorporate illustration as well as graphic design. Open to Sophomores who have taken Studio in Media Honors, Juniors who have taken Drawing and Painting, and all Seniors.



8443     **DIGITAL PHOTOGRAPHY**  
One Semester Course - 1/2 Credit  
12<sup>th</sup> Year Level  
Weight: 1.00

Digital Photography focuses on developing a student's skills in both composition and creative picture taking. Students are required to have a digital camera at the first class meeting. It must have a minimum of 4 scene modes that exist within the camera. For the student who is serious about pursuing photography as a possible career path, a SLR (single-lens reflex) digital camera with a full range of f-stops and shutter speeds is recommended. Students' grades will not be impacted by their choice of digital camera as long as they have one that meets the minimum requirement.

8513     **FILM PRODUCTION**  
One Semester Course - 1/2 Credit  
12<sup>th</sup> Year Level  
Weight: 1.00

Film Production is a course that teaches the student how to create short visual narratives from concept to finish with the use of video cameras, scriptwriting software, and film editing software. Students will study basic equipment operation, all phases of production, film composition, basic lighting and audio planning, and visual storytelling.

8493     **FILM APPRECIATION**  
One Semester Course - 1/2 Credit  
Pre-requisite: Approval of Art Director  
Weight: 1.00

This half-year course will focus on creating awareness, discussion, and evaluations of major films throughout history. Each film will be analyzed on its acting, editing, and impact in modern culture and future filmmaking. Classroom instruction will emphasize the auditory and visual experiences of the cinematic art as well as the film's influence in the film industry.

*"You are everything you have within you the One Who made all things, the only One who can satisfy the longings of your Spirit without whom everything else is nothing." (St. Anthony of Padua)*

## **FOREIGN LANGUAGE DEPARTMENT**

Mrs. Maritza Acosta, Chairwoman

### **5103 INTRODUCTION TO FRENCH**

Full Year Course - 1 Credit

Weight: 1.00

This course starts with the very basics of French, and slowly builds from that point. Students will begin with simple concepts and gradually segue into more advanced vocabulary and grammar. Foundations in conversation, pronunciation, and oral drill are presented in conjunction with grammar and vocabulary. Writing is initially structured and imitative. Students should eventually be able to independently write and understand simple sentences.

NO EXPERIENCE REQUIRED.

### **5113 FRENCH 9 EXPERIENCED**

Full Year Course - 1 Credit

Approval by the Chairwoman

Weight: 1.00

This course is designed for those students who have one to two years of formal study of the language (beyond simple vocabulary). Students will review the basics that they have already learned, and then continue learning additional grammar and vocabulary.

Foundations in conversation, pronunciation, and oral drill are presented in conjunction with grammar and vocabulary. Writing is initially structured and imitative. Students should eventually be able to independently write and understand simple sentences.

### **5105 FRENCH 9 HONORS**

Full Year Course - 1 Credit

Approval by the Chairwoman

Weight: 1.05

This course is designed for those students who have completed two years of formal study (both vocabulary and grammar) and who have achieved an average of 90%. Strong grades in English are also required. All basic vocabulary and grammar skills will be reviewed and intensified at a steady pace, and eventually new grammar and vocabulary will be introduced. Students should eventually be able to understand and write basic sentences. Placement is at the discretion of the Foreign Language Faculty.

### **5153 INTRODUCTION TO SPANISH**

Full Year Course - 1 Credit

Weight: 1.00

This course starts with the very basics of Spanish, and slowly builds from that point. Students will begin with simple concepts such as days of the week, numbers, the alphabet, and gradually segue into more advanced vocabulary and grammar. Foundations in conversation, pronunciation, and oral drill are presented in conjunction with grammar and vocabulary. Writing is initially structured and imitative. Students should eventually be able to independently write and understand simple sentences.

NO EXPERIENCE REQUIRED.

### **5163 SPANISH 9 EXPERIENCED**

Full Year Course - 1 Credit

Approval by the Chairwoman

Weight: 1.00

This course is designed for those students who have one to two years of formal study of the language (beyond simple vocabulary). Students will review the basics that they have already learned, and then continue learning additional grammar and vocabulary.

Foundations in conversation, pronunciation, and oral drill are presented in conjunction with grammar and vocabulary. Writing is initially structured and imitative. Students should eventually be able to independently write and understand simple sentences.

**5155 SPANISH 9 HONORS**  
Full Year Course - 1 Credit  
Approval by the Chairwoman  
Weight: 1.05

This course is designed for those students who have completed two years of formal study (both vocabulary and grammar) and who have achieved an average of 90%. Strong grades in English are also required. All basic vocabulary and grammar skills will be reviewed and intensified at a steady pace, and eventually new grammar and vocabulary will be introduced. Students should eventually be able to understand and write basic sentences. Placement is at the discretion of the Foreign Language Faculty.

**5173 SPANISH FOR SPANISH SPEAKERS I - HONORS**  
Full Year Course - 1 Credit  
9<sup>th</sup> Year Level – Mandatory interview at registration  
Weight: 1.05

This course is designed for those students who are coming from a Spanish speaking household or have an extensive knowledge of Spanish and would like to enhance their language skills. Students will be taught entirely in Spanish, starting with an introduction of basic Spanish grammar and becoming more intense as the year progresses. A study of culture, geography, art, music and current events will be included. The course will encourage these students to learn about Spanish heritage and influences in an accelerated Spanish program. Checkpoint B will be taken at the end of this course.

**5133 INTRODUCTION TO ITALIAN**  
Full Year Course - 1 Credit  
Weight: 1.00

This course starts with the very basics of Italian, and slowly builds from that point. Students will begin with simple concepts such as: days of the week, numbers, the alphabet, and gradually segue into more advanced vocabulary and grammar. Foundations in conversation, pronunciation, and oral drills are presented in conjunction with grammar and vocabulary. Writing is initially structured and imitative. Students should eventually be able to independently write and understand simple sentences.  
NO EXPERIENCE REQUIRED.

**5143 ITALIAN 9 EXPERIENCED**  
Full Year Course - 1 Credit  
Approval by the Chairwoman  
Weight: 1.00

This course is designed for those students who have one to two years of formal study of the language (beyond simple vocabulary). Students will review the basics that they have already learned, and then continue learning additional grammar and vocabulary. Foundations in conversation, pronunciation, and oral drill are presented in conjunction with grammar and vocabulary. Writing is initially structured and imitative. Students should eventually be able to independently write and understand simple sentences

**5203 FRENCH 10**  
Full Year Course - 1 Credit  
Prerequisite: Successful Completion of French 9 (5103) or (5105)  
Transfer Students Are Placed With Approval of the Chairwoman  
Weight: 1:00

Increased emphasis on conversation and comprehension, and review and intensification of grammatical structures constitute the work of this course. Grammar learned in the previous course is reviewed early on in the year, with new more advanced grammar gradually introduced throughout the year. Vocabulary is also reviewed, with students expected to learn a steady stream of new vocabulary. Reading material from texts and workbooks are of progressive importance. Vocabulary, contemporary expressions, and writing continue to be guided rather than creative.

**5205 FRENCH 10 HONORS**  
Full Year Course - 1 Credit  
Weight: 1.05

To enter this Honors Course, a minimum of 90% in the present course and a teacher recommendation is required. Acceptance into an Honors Course is provisional until determination is made based on Final Exam Grades and the Final Grade for the present course. [See course Description for French 10 (5203)]

Increased emphasis on conversation and comprehension, and review and intensification of grammatical structures constitute the work of this course. Grammar learned in the previous course is reviewed early on in the year, with new, more advanced grammar and vocabulary gradually introduced throughout the year. Reading material from texts and workbooks are of progressive importance. Vocabulary, contemporary expressions, and writing continue to be guided rather than creative.

All work in the honors program is of a more intensive nature. Additional vocabulary, grammatical structure, and writing, along with more conversation and reading constitute the basis of the Honors Program. The program is intended for the competitive student in the study of Foreign Language.

**5253 SPANISH 10**  
Full Year Course - 1 Credit  
Prerequisite: Successful Completion of Spanish 9 (5153) or (5155)  
Transfer Students are placed with Approval of the Chairwoman  
Weight: 1.00

Increased emphasis on conversation and comprehension, and review and intensification of grammatical structures constitute the work of this course. Grammar learned in the previous course is reviewed early on in the year, with new more advanced grammar gradually introduced throughout the year. Vocabulary is also reviewed, with students expected to learn a steady stream of new vocabulary. Reading material from texts and workbooks are of progressive importance. Vocabulary, contemporary expressions, and writing continue to be guided rather than creative.

**5263 SPANISH 10 EXPERIENCED**  
Full Year Course - 1 Credit  
Prerequisite: Successful Completion of Spanish 9 Beginners (5153) or Spanish 9 Experienced (5163)  
Teacher Recommendation Required  
Weight: 1.00

This course is designed for those students who have completed the first year of formal study of Spanish at St. Anthony's. This course maintains higher levels of conversation, comprehension, writing and reading. Spanish 10 Experienced is designed for students who are comfortable with the basic grammar and vocabulary concepts from their previous year of study, and who will benefit from an in-depth program of language study.

**5255 SPANISH 10 HONORS**  
Full Year Course - 1 Credit  
Weight: 1.05

To enter this Honors Course, a minimum of 90% in the present course and a teacher recommendation is required. Acceptance into an Honors Course is provisional until determination is made based on Final Exam Grades and the Final Grade for the present course. [See Course Description for Spanish 9 5153.]

Increased emphasis on conversation and comprehension, and review and intensification of grammatical structures constitute the work of this course. Grammar learned in the previous course is reviewed early on in the year, with new, more advanced grammar and vocabulary gradually introduced throughout the year. Reading material from texts and workbooks are of progressive importance. Vocabulary, contemporary expressions, and writing continue to be guided rather than creative.

All work in the honors program is of a more intensive nature. Additional vocabulary, grammatical structure, and writing, along with more conversation and reading constitute the basis of the Honors Program. The program is intended for the competitive student in the study of Foreign Language.

**5233 ITALIAN 10**  
Full Year Course - 1 Credit  
Prerequisite: Successful Completion of Italian 9 (5133) or (5143)  
Transfer Students Require Approval of Chairwoman  
Weight: 1.00

Increased emphasis on conversation and comprehension, review and intensification of grammatical structures constitute the work of this course. Grammar learned in the previous course is reviewed early on in the year, with new more advanced grammar gradually introduced throughout the year. Vocabulary is also reviewed, with students expected to learn a steady stream of new vocabulary. Reading material from texts and workbooks are of progressive importance. Vocabulary, contemporary expressions and writing continue to be guided rather than creative.

**5243 ITALIAN 10 EXPERIENCED**  
Full Year Course - 1 Credit  
Prerequisite: Successful Completion of Italian 9 (5133) or (5143)  
Teacher Recommendation Required  
Weight: 1.00

This course is designed for those students who have completed the first year of formal study of Italian at St. Antony's. This course maintains higher levels of conversation, comprehension, writing and reading. Italian 10 Experienced is designed for students who are comfortable with the basic grammar and vocabulary concepts from their previous year of study, and who will benefit from an in depth program of language study.

**5303 FRENCH 11**  
Full Year Course - 1 Credit  
Prerequisite: Successful Completion of French 10 (5203) or (5205)  
Transfer Students Require Approval of Chairwoman  
Weight: 1.00

This course integrates all four skills: conversation, comprehension, reading, and writing. In order to give the student a real ability to use the target language effectively, most communication is in the foreign language. While much of the previously learned grammar and vocabulary is reinforced, new topics will be continually introduced. Sophomore students who are enrolled in this level must take French 12 after completing this course in order to fulfill St. Anthony's High School requirement of a three-year course of foreign language study. Checkpoint B Exam will be taken at the end of the course.

**5305 FRENCH 11 HONORS**  
Full Year Course - 1 Credit  
Weight: 1.05

To enter this Honors Course, a minimum of 90% in the present course and a teacher recommendation is required. Acceptance into an Honors Course is provisional until determination is made based on Final Exam Grades and the Final Grade for the present course.

This course is partially conducted in the target language. The course integrates the four skills: conversation, comprehension, reading, and writing. While much of the previously learned grammar and vocabulary is reinforced, new topics will be continually introduced. Grammatical and structural review is limited to necessity. While this level covers similar material to French 11, the work is done at a more intense level. Checkpoint B Exam will be taken at the end of the course.

**5353 SPANISH 11**  
Full Year Course - 1 Credit  
11<sup>th</sup> Year Level Prerequisite: Successful Completion of Spanish 10 (5253)  
Transfer Students Require Approval of Chairwoman  
Weight: 1.00

This course integrates all four skills: conversation, comprehension, reading, and writing. In order to give the student a real ability to use the target language effectively, most communication is in the foreign language. While much of the previously learned grammar and vocabulary is reinforced, new topics will be continually introduced. Sophomore students who are enrolled in this level must take Spanish 12 after completing this course in order to fulfill St. Anthony's High School requirement of a three-year course of foreign language study. Checkpoint B Exam will be taken at the end of the course.

**5363 SPANISH 11 EXPERIENCED**

Full Year Course – 1 Credit

11<sup>th</sup> Year Level Prerequisite – Successful Completion of Spanish 10 Experienced (5263)Teacher Recommendation Required

Weight: 1.00

This course is designed for those students who have completed two years of formal study of Spanish at St. Anthony's. This course maintains higher levels of conversation, comprehension, writing and reading. Spanish 11 Experienced is designed for students who are comfortable with intermediate grammar topics and vocabulary concepts from their previous years of study. These students will benefit from an in-depth program of language study.

**5355 SPANISH 11 HONORS**

Full Year Course - 1 Credit

Weight: 1.05

To enter this Honors Course, a minimum of 90% in the present course and a teacher recommendation is required. Acceptance into an Honors Course is provisional until determination is made based on Final Exam Grades and the Final Grade for the present course.

This course is partially conducted in the target language. The course integrates the four skills: conversation, comprehension, reading, and writing. While much of the previously learned grammar and vocabulary is reinforced, new topics will be continually introduced. Grammatical and structural review is limited to necessity. While this level covers similar material to Spanish 11, the work is done at a more intense level. Checkpoint B Exam will be taken at the end of the course.

**5403 FRENCH 12 (Conversation and Culture)**

Full Year Course - 1 Credit

Prerequisite: Successful completion of French 11 (5303) with an 85% average.Weight 1.00 Recommendation of French 11 Teacher

Conversation, reading, and contemporary cultural information form the basis of this course. Faculty choose material intended to cover a wide range of cultural, social and historical topics. Traditional literature excerpts are also introduced, as well as music, film and contemporary events. Students taking this level are expected to maintain the grammatical and vocabulary skills that they have built during their previous years of study. The course is partially conducted in the target language.

**5405 FRENCH 12 - HONORS (Conversation and Literature)**

Full Year Course - 1 Credit

Weight 1.05

To enter this Honors Course, a minimum of 90% in the present course and a teacher recommendation is required. Acceptance into an Honors Course is provisional until determination is made based on Final Exam Grades and the Final Grade for the present course.

This course contains a concise review of advanced grammar with intensive reading and conversation based on everyday topics and on readings taken from a wide range of literary and non-literary materials. Students taking this level are expected to maintain the grammatical and vocabulary skills that they have built during their previous years of study. They are also expected to participate in class, using the target language as much as possible. The course is taught entirely in the target language. The College Board Achievement Test (SAT II) may be taken at different times during the year.

**5408 AP FRENCH LANGUAGE AND CULTURE**Full Year Course - 1 Credit - AP Examination Required – **additional fee**11<sup>th</sup> & 12<sup>th</sup> Year Level - Permission of Chairwoman Required

Weight 1.10

To enter this AP Course, a minimum of 92% in the present course and a teacher recommendation is required. Acceptance into an AP Course is provisional until determination is made based on Final Exam Grades and the Final Grade for the present course. A summer assignment packet will be provided to accepted students.

This full year Foreign Language course is designed to help students succeed on the AP Exam, which is given in May. The class will be conducted primarily in French, and will focus on a wide range of advanced grammar topics. Students will be expected to use French as much as possible in the classroom, and should understand that significant amount of independent work will be required outside of class (reading French websites or magazines, listening to French radio or television stations, etc.) in order to fully benefit from advanced language study. All four components of language learning will be strengthened: speaking, reading writing and comprehension. This is an intense class, which requires a high level of dedication on the part of the student. Limited Enrollment

**5453 SPANISH 12 (Conversation and Culture)**

Full Year Course - 1 Credit

Prerequisite: Successful completion of Spanish 11 (5353) / with an 85% average

Recommendation of Spanish 11 Teacher Required

Weight: 1.00

Conversation, reading, and contemporary cultural information form the basis of this course. Faculty choose material intended to cover a wide range of cultural, social and historical topics. Traditional literature excerpts are also introduced, as well as music, film and contemporary events. Students taking this level are expected to maintain the grammatical and vocabulary skills that they have built during their previous years of study. The course is partially conducted in the target language.

**5455 SPANISH 12 HONORS - (Conversation and Literature)**

Full Year Course - 1 Credit

Weight 1.05

To enter this Honors Course, a minimum of 90% in the present course and a teacher recommendation is required. Acceptance into an Honors Course is provisional until determination is made based on Final Exam Grades and the Final Grade for the present course.

This course contains a concise review of advanced grammar with intensive reading and conversation based on everyday topics and on readings taken from a wide range of literary and non-literary materials. Students taking this level are expected to maintain the grammatical and vocabulary skills that they have built during their previous years of study. They are also expected to participate in class, using the target language as much as possible. The course is taught entirely in the target language. The College Board Achievement Test (SAT II) may be taken at different times during the year.

**5465 ADVANCED SPANISH 12: CONVERSATION AND GRAMMAR – HONORS (COLLEGE CREDITS)**

Full Year Course - 1 Credit – **additional fee required if taking for College Credits**

11<sup>th</sup> & 12<sup>th</sup> Year Level - Permission of Chairwoman Required

Weight 1.05

To enter this Honors Course, a minimum of 90% in the present course and a teacher recommendation is required. Acceptance into an Honors Course is provisional until determination is made based on Final Exam Grades and the Final Grade for the present course.

This full year Foreign Language course is divided into two semester courses. The course is conducted entirely in Spanish. Students are encouraged to use the target language not just in class but throughout their day. The class enhances the learning of Spanish culture and different pronunciations through music, song lyrics, TV shows and movies. The students should be able to use Spanish to: understand readings, conversations, presentations by teacher and other students, current event articles, songs and magazines; hold a conversation, have debates, express themselves eloquently in Spanish; and write original short stories and compositions based on works read in class. This is a college course in which college credits will be awarded upon successful completion of the college requirements, which are: payment of a fee and a minimum final grade of 80%.

Limited Enrollment

**5458 AP SPANISH LANGUAGE AND CULTURE**

Full Year Course - 1 Credit - A. P. Examination Required – **additional fee**

11<sup>th</sup> & 12<sup>th</sup> Year Level - Permission of Chairwoman Required and approval of current Spanish Teacher

Weight 1.10

To enter this AP Course, a minimum of 92% in the present course and a teacher recommendation is required. Acceptance into an Honors Course is provisional until determination is made based on Final Exam Grades and the Final Grade for the present course. A summer assignment packet will be provided to accepted students.

This full year Foreign Language course is designed to help students succeed on the AP Exam, which is given in May. The class will be conducted primarily in Spanish, and will focus on a wide range of advanced grammar topics. Students will be expected to use Spanish as much as possible in the classroom, and should understand that significant amount of independent work will be required outside of class (reading Spanish websites or magazines, listening to Spanish radio or television stations, etc.) in order to fully benefit from advanced language study. All four components of language learning will be strengthened: speaking, reading, writing and comprehension. This is an intense class, which requires a high level of dedication on the part of the student.

Limited Enrollment

**5875 LATIN I - HONORS (JUNIORS & SENIORS)**

Full Year Course - 1 Credit

11<sup>th</sup> and 12<sup>th</sup> Year Level Pre-requisite: 90% Average in current Foreign Language Course

Approval of Current Foreign Language Teacher

Weight 1.05

To enter this Honors Course, a minimum of 90% in the present course and a teacher recommendation is required. Acceptance into an Honors Course is provisional until determination is made based on Final Exam Grades and the Final Grade for the present course.

This elective is specifically designed for Juniors and Seniors with at least two (2) years previous study of a foreign language. The course proceeds at an intensive pace by correlating the interdependence of the Romance languages and stressing English derivatives. Major emphasis of the course is on translation and comprehension skills. Ancient civilization and culture are used to complement language study. Students will also receive a comprehensive study of Latin and Greek Etymology.

**5845 ITALIAN I - HONORS (JUNIORS & SENIORS)**

Full Year Course - 1 Credit

11<sup>th</sup> and 12<sup>th</sup> Year Level Pre-requisite: 90% Average in current Foreign Language Course

Approval of Current Foreign Language Teacher

Weight: 1.05

This course is designed for the student who is experienced in the study of modern Romance languages. The course will cover all aspects of the Italian language, including grammar, reading, culture, and speaking. While a strong emphasis will be placed on communication, this course will be taught in the traditional manner, with a certain emphasis on conversation.

**5815 MANDARIN CHINESE I - HONORS (JUNIORS & SENIORS)**

Full Year Course - 1 Credit

11<sup>th</sup> and 12<sup>th</sup> Year Level Pre-requisite: 90% Average in current Foreign Language Course

Approval of Chairwoman Required

Weight: 1.05

This course is a fundamental one in the grammar, speaking, reading and writing of Chinese (Mandarin). Other aspects of the course include the consideration of Chinese customs and culture, both in their history and in the present daily life of China. This class is intended to be a serious study of a culture and language which is very foreign to American students.

**5825 MANDARIN CHINESE II - HONORS (JUNIORS & SENIORS)**

Full Year Course - 1 Credit

12<sup>th</sup> Year Level Pre-requisite: 90% Average in current Foreign Language Course

Approval of Chairwoman Required

Weight: 1.05

This course is a continuation of Mandarin Chinese I Honors in all its forms. Emphasis on grammar, speaking, reading and writing will continue in the second level. Chinese culture, customs and history will be discussed, studied and experienced through hands on projects. This class is intended to be a serious study of a culture and language which is very foreign to American students.

**All Juniors and Seniors are eligible, with current Foreign Language teacher approval, to select a second language on Level 1 or, if appropriate, Level 2.**

*"Seek His Kingdom above all else. Make it the most important thing in your life. Everything else must be sought in view of this Kingdom." (St. Anthony of Padua)*



## **GUIDANCE DEPARTMENT**

Mr. Trevor Anderson, Chairman

Guidance Courses - Required Scheduling Annually

### **0100 FRESHMAN GROUP - FALL SEMESTER**

Freshmen are divided into small groups facilitated by their assigned guidance counselor. The counselor leads freshmen in discussion regarding the adjustment to high school, the guidance program and the support services available. The counselor works to establish rapport with each student and offers academic and emotional support as necessary. Groups focus on developing effective study habits, exploring identity, drug and alcohol awareness, developing healthy relationships/dating, sexuality, bullying, as well as other topics related to current events and/or as student circumstances dictate. Discussions aim to help students identify the connection between their work in high school and college preparedness. Course selection for sophomore year is discussed.

### **0200 SOPHOMORE GROUP - SPRING SEMESTER**

Sophomore groups strive to reestablish contact between student and counselor. Topics include junior year course selection, academic progress, building self-esteem, reverencing diversity, introduction to Naviance for career exploration, drug and alcohol awareness, healthy relationships/dating, suicide prevention and the implications of misusing technology. PSAT results and SAT/ACT preparation are discussed.

### **0300 JUNIOR GROUP - SPRING SEMESTER**

Junior group work engages students in conversation regarding senior course selection, the college search and application processes, the college essay, drug and alcohol awareness, cultivating equity in the community as well as other relevant topics. Students are encouraged to take SAT/ACT for college admission. College counselors demonstrate Naviance, college and career interactive website, and invite students to meet with college counselor for an individual conference. PSAT results and strategies for college admission test preparation are discussed.

### **0400 SENIOR GROUP - FALL SEMESTER**

Counselors provide students with instruction regarding the college application process. Comprehensive review of the mechanics of the application process is focused on supporting students with assuming the responsibility of completing and managing their college application materials. Additional topics include stress management, healthy relationships, becoming culturally responsive, drug and alcohol awareness, transitioning to college life and financial aid, in addition to other relevant topics.

## **COLLEGE COUNSELING**

Mrs. Kim Hearney, Director of College Counseling  
Mrs. Katie McGinty, Assistant Director of College Counseling

The College Center is available to all students. Generally, senior students and parents request conferences with college counselors during the fall semester while junior students and parents request appointments during the spring semester. Counselors meet with college representatives and keep abreast of the latest college developments. The College Center has college catalogues and information regarding summer college programs. The College Center Staff works closely with guidance counselors and students to help facilitate the college application process while coordinating the transmittal of school support materials required by colleges. The College Center Staff maintains Naviance by providing instructions for the college application process as well as posting upcoming college representative visits, scholarship information and links to various college resources. Please visit the College Center page on the St. Anthony's High School website.

## MATHEMATICS DEPARTMENT

Mr. William Quinn - Chairman

Notes: All students must own and be able to use an appropriate **graphing** calculator (TI-83 or any version of the TI-84 - TI-89 or TI Inspire and Casio are not permitted)

**NO STUDENT MAY SIT FOR A REGENTS EXAMINATION WITHOUT A GRAPHING CALCULATOR.**

All courses listed in the Mathematics Department course descriptions as Mathematics courses except 3132 and 3332 are approved by the NCAA and receive one credit under their current guidelines.

### 3132    **TRANSITIONAL ALGEBRA – TWO YEAR ALGEBRA COURSE**

Full Year Course - 1 Credit - Final Examination Required.

9<sup>th</sup> Year Level – Pre-requisite: Determined by the Department based on Entrance Exam.

Weight: 1.00

This course is intended for those incoming students who according to the scores on the Catholic High School Entrance Exam are in need of mathematical skills development. The course will remediate Math 8 topics and will cover introductory topics in Integrated Algebra. Students who pass this course will be enrolled in Algebra (3232) for sophomore year. The Algebra Regents will be taken at the end of Sophomore year. **This course is not approved for an NCAA credit.**

### 3133    **ALGEBRA 1**

Full Year Course - 1 Credit - Final Examination and Regents Examination Required

9<sup>th</sup> Year Level – Pre-requisite: Successful completion of 8th grade curriculum and fulfillment of all Entrance Exam requirements

Weight: 1.00

This course is the first course in the New York State Regents program. This course intensely focuses on Algebra and problem-solving skills with additional topics in functions, graphing analysis and statistics. Goals of the course include that students will identify and justify mathematical relationships and that they will acquire and demonstrate mathematical reasoning ability when solving problems. This course is intended for students with strong mathematical skills and a thorough knowledge of Math 8 topics. A graphing calculator is required. Students may not sit for the Regents examination without an approved graphing calculator.

### 3135    **ALGEBRA HONORS**

Full Year Course - 1 Credit - Final Examination and Regents Examination Required

9<sup>th</sup> Year Level – Pre-requisite: Successful completion of 8<sup>th</sup> grade curriculum and fulfillment of Entrance Exam requirement.

Weight: 1.05

This course is an ACCELERATED HONORS first course in the New York State Regents program. This course focuses on Algebra and problem-solving skills with additional topics in functions, graphing analysis, and statistics. Goals of the course include that students will identify and justify mathematical relationships and that they will acquire and demonstrate mathematical reasoning ability when solving problems. It is intended for students who have already demonstrated exceptional mathematical achievement and motivation and whose mathematical skills are superior as measured by the entrance examination. The honors program allows the selected students to progress through the extended curriculum at a rate commensurate with superior ability. All of the topics of Algebra are covered along with selected topics from Geometry. A graphing calculator is required. Students may not sit for the Regents examination without an approved graphing calculator.

**3143 GEOMETRY (FRESHMEN)**

Full Year Course - 1 Credit – Final Examination and Regents Examination Required

9<sup>th</sup> Year Level – Pre-requisite: Integrated Algebra with Regents Examination Required

Must meet a required score on qualifying test administered by St. Anthony's Mathematic Department.

Weight: 1.00

This is the second course in the New York State Regents program. This course focuses primarily on Euclidean Geometry, analytic Geometry and Trigonometry. The goals of the course include that students will be able to identify and justify geometric relationships, formally and informally and that they will acquire and demonstrate mathematical reasoning ability when solving problems. A graphing calculator is required. Students may not sit for the Regents examination without an approved graphing calculator.

STUDENTS MUST MEET A REQUIRED SCORE ON A PLACEMENT EXAMINATION IN ALGEBRA ADMINISTERED IN LATE MARCH. STUDENTS WHO DO NOT SCORE 85% OR BETTER ON THE NEW YORK STATE REGENTS EXAMINATION SHOULD SERIOUSLY CONSIDER TAKING ALGEBRA INSTEAD. To enroll in Geometry, students must fulfill the requirements. Additionally, students who enroll in this course must have covered all of the topics in the New York State syllabus and mastered all of the algebraic skills.

**3232 ALGEBRA (SOPHOMORES)**

Full Year Course - 1 Credit - Final Examination and Regents Examination Required

10<sup>th</sup> Year Level – Pre-requisite: Transitional Algebra

Weight: 1.00

This course is the first course in the New York State Regents program. This course intensely focuses on Algebra and problem-solving skills with additional topics in functions, graphing analysis and statistics. Goals of the course include that students will identify and justify mathematical relationships and that they will acquire and demonstrate mathematical reasoning ability when solving problems. A graphing calculator is required. Students may not sit for the Regents examination without an approved graphing calculator.

**3243 GEOMETRY (SOPHOMORES)**

Full Year Course - 1 Credit – Final Examination and Regents Examination Required

10<sup>th</sup> Year Level – Pre-requisite: Algebra

Weight: 1.00

This course is the second course in the New York State Regents program. This course focuses primarily on Euclidean Geometry and analytic geometry. The goals of the course include that students will be able to identify and justify geometric relationships, formally and informally and that they will acquire and demonstrate mathematical reasoning ability when solving problems. A graphing calculator is required. Students may not sit for the Regents examination without an approved graphing calculator.

**3245 GEOMETRY HONORS**

Full Year Course - 1 Credit – Final Examination and Regents Examination Required

10<sup>th</sup> Year Level – Pre-requisite: Algebra

Weight: 1.05

This course is the second course in the New York State Regents program and is an HONORS AND ACCELERATED CLASS. This course focuses primarily on Euclidean Geometry, Analytic Geometry and Trigonometry. The goals of the course include that students will be able to identify and justify geometric relationships, formally and informally and that they will acquire and demonstrate mathematical reasoning ability when solving problems. A graphing calculator is required. Students may not sit for the Regents examination without an approved graphing calculator.

To enter this Honors ACCELERATED Course, a minimum of 90% in the Algebra Honors course and a teacher recommendation is required. Students in Integrated Algebra, in addition to satisfying these requirements, must obtain the written approval of the chairperson and pass a qualifying test in June. This course is the second course of the four-year Honors Program. All of the topics from Geometry are covered and augmented. Many topics from Algebra 2 are also presented. A graphing calculator is required. Students may not sit for the Regents examination without an approved graphing calculator. Students must have completed all of the topics in 3135, which includes six units from Integrated Geometry.

Students who did not complete Algebra Honors at St. Anthony's are required to study and meet a required score on a test on several units of Geometry before being allowed to take Geometry Honors. A qualifying test is given in June. Incoming freshmen must also complete the extra units to be placed into Geometry Honors and will take a test in early September, during class, that will count as part of the coursework. Documentation available from St. Anthony's website must be submitted.

### **3353 TRIGONOMETRY AND ALGEBRA 2**

Full Year Course - 1 Credit - Regents Examination Required

10<sup>th</sup> and 11<sup>th</sup> Year Level – Pre-requisite: Geometry

Weight: 1.00

This is the final course in the New York State mandated Regents program. It is intended for those who have successfully completed Algebra and Geometry and passed the respective Regents examinations. Topics include comprehensive treatment of Trigonometry, Advanced Algebra, Number Sense and Operations, Probability and Statistics, Measurement, and Exponential and Logarithmic Functions. Students who did not score 85% or better in Geometry are encouraged to take Intermediate Algebra. A graphing calculator is required. Students may not sit for the Regents examination without an approved graphing calculator.

### **3375 TRIGONOMETRY AND ALGEBRA 2 HONORS AND PRE-CALCULUS HONORS**

Full Year Course - 2 Credits – Final Examination and Regents Examination Required

10<sup>th</sup> and 11<sup>th</sup> Year Level – Pre-requisite: Geometry Honors/Geometry Freshman\*

AND Department Approval

Weight: 1.05

This course completes the New York State mandated Regents program. To enter this HONORS ACCELERATED Course a minimum of 90% in the pre-requisite courses and a teacher recommendation is required. The courses include comprehensive treatment of Trigonometry, Advanced Algebra, Number Sense and Operations, Probability and Statistics, Measurement, and Exponential and Logarithmic Functions. It also includes an intensive study of Elementary Functions in preparation for AP Calculus. A graphing calculator is required. Students may not sit for the Regents examination without an approved graphing calculator. Students must have completed all of the topics in 3245, which includes six units from Algebra 2 and Trigonometry. \*Students who wish to enter the honors program who have not completed Geometry Honors **must** pass a qualifying test in June. Documentation available from St. Anthony's website must be submitted.

Students who did not complete Geometry Honors at St. Anthony's are required to study and pass a test on six units of Algebra 2 and Trigonometry before being allowed to take Algebra 2 and Trigonometry Honors/Pre-Calculus Honors. A qualifying test is given in June. This qualifying test assures the extra work has been covered. Passing this test does not assure success in the course.

### **3332 INTERMEDIATE ALGEBRA**

Full Year Course - 1 Credit - Final Examination Required (This is not a Regents course)

10<sup>th</sup> and 11<sup>th</sup> Year Level – Pre-requisite: Geometry

Weight: 1.00

This course is intended for students who need reinforcement in Algebra and Trigonometry topics before undertaking the Regents course. It is intended for those who have successfully completed Algebra and Integrated Geometry. It will concentrate on skill development. Topics will include Intermediate Algebra and an introduction to Functions. Accelerated 10<sup>th</sup> graders will be allowed to enroll in this course on teacher recommendation. This course does not culminate in a Regents Examination. A graphing calculator is required. **This course is not approved for an NCAA credit.**

### **3342 GEOMETRY JUNIORS**

Full Year Course – 1 Credit – Final Examination and Regents Examination Required

11<sup>th</sup> Grade Level – Pre-requisite: Algebra

Weight: 1.00

This course is the second course in the three-year New York State Regents program. It focuses primarily on Euclidean Geometry, analytic geometry and Trigonometry. A graphing calculator is required. Students may not sit for the Regents examination without an approved graphing calculator.

### **3402 SENIOR FUNCTIONS/ALGEBRA 2**

Full Year Course - 1 Credit - Final Examination Required

12<sup>th</sup> Year Level – Pre-requisite: Geometry

Weight: 1.00

This course will reinforce topics taught in Intermediate Algebra and cover additional topics in algebra, trigonometry and functions. It is designed for the student who wishes to study a fourth year of mathematics but does not wish to take the Trigonometry and Algebra 2 Regents examination. This course is similar to a College Algebra course in scope and intent.

**3454 AP STATISTICS**

Full Year Course - 1 Credit - AP Examination Required – **additional fee**

11<sup>th</sup> and 12<sup>th</sup> Year Level – Pre-requisite: Trigonometry and Algebra 2

Weight 1.10

To enter this AP Course, a minimum of 92% in the present course and a teacher recommendation is required. Acceptance into an AP Course is provisional until determination is made based on Final Exam/Regents Grades and the Final Grade for the present course.

The purpose of this course is to introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. Students will be exposed to the four conceptual themes of exploring data, sampling and experimentation, anticipating patterns and using statistical inference. The course of study will include planning and conducting a study, exploring random phenomena using probability and simulation, estimating population parameters and testing hypotheses. A TI-83 or TI-84 graphing calculator is required.

**3345 INTRODUCTION TO ANALYSIS HONORS (COLLEGE CREDITS/COLLEGE ALGEBRA AND TRIGONOMETRY) – additional fee required if taking for College Credits**

Full Year Course - 1 Credit – Final Examination Required

11<sup>th</sup> and 12<sup>th</sup> Year Level – Pre-requisite: Trigonometry and Algebra 2 and Department Approval

Weight: 1.05

This course is an intensive study of trigonometry, advanced algebra, analytic geometry and functions with an emphasis on theory and derivation of formulas. This course gives the foundation to study calculus; it provides the background for the mathematical concepts, problems, issues and techniques that appear in a calculus course. Besides the material that prepares students for the study of calculus, it includes the calculus topics of limits, mechanics of differentiation, applications of derivatives and some work with anti-derivatives. It is designed to prepare students for the study of Advanced Placement Calculus AB.

This is a predominantly a Junior course, however, Seniors may take this course with department approval. The final examination is administered during the Senior final exam period. Juniors cover additional AP Calculus prep topics after the final exam. A graphing calculator is required.

This includes all of the topics from the college course COLLEGE ALGEBRA AND TRIGONOMETRY. This is a college course in which college credits will be awarded upon successful completion of the college requirements, which are: payment of a fee and a minimum final grade of 80%.

**3424 AP CALCULUS AB**

Full Year course - 1 Credit – Final Project and AP Examination Required – **additional fee**

11<sup>th</sup> and 12<sup>th</sup> Year Level – Pre-requisite: - Pre-Calculus Honors and Department Approval

Weight: 1.10

To enter this AP Course, a minimum of 92% in the present course and a teacher recommendation is required. Acceptance into an AP Course is provisional until determination is made based on Final Exam/Regents Grades and the Final Grade for the present course.

This course is a continuation of the Math Honors curriculum and will require concentrated, independent and creative thinking commensurate with an honors program. It includes all topics traditionally taught in a two-semester college calculus course. The student will be expected to function in this course at a college level of maturity and responsibility. A graphing calculator is required.

With department approval, students who have completed Algebra 2 and Trigonometry with an average of 95% or better may register for this course if they complete the St. Anthony's AP Calculus Prep Course offered the summer before.

**Non-Credit Summer School Advancement Class**

**AP CALCULUS PREP CLASS** – 4 to 5 Week Course

Year Level - Summer following 11<sup>th</sup> Year 95% final grade in Algebra 2 and Trigonometry

This class is designed for students who have completed Algebra 2 and Trigonometry with a 95% final grade and who have demonstrated concentrated, independent and creative thinking commensurate with an honors program. The class runs for 4 to 5 weeks as part of the summer school program, Monday through Thursday, 6:30 AM to 8 AM. No credit is awarded for this course just advancement to AP Calculus AB as a Senior.

**3415 AP CALCULUS BC**

Full Year Course - 1 Credit - Final Project and AP Examination Required – **additional fee**

12<sup>th</sup> Year Level – **Pre-requisite:** AP Calculus AB (3424)

Weight 1.10

To enter this AP Course, a minimum of 92% in the present course and a teacher recommendation is required. Acceptance into an AP Course is provisional until determination is made based on Final Exam/Regents Grades and the Final Grade for the present course.

Calculus BC is a full year course in the calculus of the functions of a single variable. This AP course in calculus is comparable to a three semester or intensive two-semester calculus course in college. It is rigorous, challenging and demanding and is designed for the extremely serious, self-motivated student. **A graphing calculator is required.**

Students may be required to complete an assignment over the summer of 2021 to prepare for this course. That information will be posted on the website.

**3425 UNIVERSITY LEVEL CALCULUS 3: MULTIVARIATE CALCULUS**

Full Year Course - 1 Credit - Final Examination Required

12<sup>th</sup> Year Level – **Pre-requisite:** AP Calculus BC (3415)

Weight 1.10

To enter this course a teacher recommendation is required as well as successful completion of AP Calculus BC.

Multivariate Calculus is a full year course in the calculus of functions of several variables. The content includes vectors and vector-valued functions, derivatives and applications of derivatives of functions of several variables, multiple integrations and second order differential equations. This is a guided independent study course using My Math Lab. The teacher will provide a study plan through the computer program and students will follow lesson plans and complete assignments on the computer. Tests will be taken on paper. The teacher will meet with students **2 times** a cycle to answer questions and provide instruction as needed.

**3443 PRE-CALCULUS**

Full Year Course - 1 Credit – Final Examination Required

11<sup>th</sup> and 12<sup>th</sup> Year Level – **Pre-requisite:** Trigonometry and Algebra 2 (3353)

Weight: 1.00

This course includes units in advanced algebra, analytic geometry and functions as well as an introduction to basic calculus topics. It is designed to prepare students for the study of calculus. Students must have a grade of 80% or better in Algebra 2/Trigonometry to qualify for Pre-Calculus. Students who attend summer school to satisfy a failure in Algebra 2/Trigonometry are not eligible for Pre-Calculus. **A graphing calculator is required.**

**3352 TRIGONOMETRY AND ALGEBRA 2 (SENIORS)**

Full Year Course - 1 Credit – Final Examination and Regents Examination Required

12<sup>th</sup> Year Level – **Pre-requisite:** Integrated Geometry **AND Department Approval**

Weight: 1.00

This is the final course in the New York State mandated Regents program. It is intended for those who have successfully completed Algebra and Geometry and the respective Regents examinations. Topics include comprehensive treatment of Trigonometry, Intermediate Algebra, Number Sense and Operations, Probability and Statistics, Measurements, and Exponential and Logarithmic Functions. **A graphing calculator is required.** Students may not sit for the Regents examination without an approved graphing calculator. It is expected that students enrolled in this course will attend additional scheduled classes after graduation.

### **3514 AP COMPUTER SCIENCE A**

Full Year Course - 1 Credit – Final Project and AP Examination Required – **additional fee**

11<sup>th</sup> and 12<sup>th</sup> Year Level – **Pre-requisite:** Trigonometry and Algebra 2

Weight 1.10

\$65 materials fee is required in addition to AP Test fee

This course is equivalent to a first-semester, college-level course in computer science. The course introduces students to computer science with fundamental topics that include problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing. The course emphasizes both object-oriented and imperative problem solving and design using Java language.

These techniques represent proven approaches for developing solutions that can scale up from small, simple problems to large, complex problems. The AP Computer Science A course curriculum is compatible with many CS1 courses in colleges and universities.

Application Required: This computer science course builds upon a foundation of mathematical reasoning that should be acquired before attempting such a course so the applicants will be selected based on enthusiasm for computer programming, level of completed mathematics courses, the demonstrated facility for abstract thinking, and the ability to articulate logical reasoning.

### **3515 AP COMPUTER PRINCIPLES**

Full Year Course - 1 Credit – Final Project and AP Examination Required – **additional fee**

Any Year Level

Weight 1.10

This course meets three times a cycle. It will require at least 5 hours per week of independent course work.

The AP Computer Science Principles course is designed to be equivalent to a first-semester introductory college computing course. In this course, students will develop computational thinking vital for success across all disciplines, such as using computational tools to analyze and study data and working with large data sets to analyze, visualize, and draw conclusions from trends. The course is unique in its focus on fostering student creativity. Students are encouraged to apply creative processes when developing computational artifacts and to think creatively while using computer software and other technology to explore questions that interest them. They will also develop effective communication and collaboration skills, working individually and collaboratively to solve problems, and discussing and writing about the importance of these problems and the impacts to their community, society, and the world.

### **3520 INTRO TO ENGINEERING**

Full Year Course - 1 Credit

11<sup>th</sup> and 12<sup>th</sup> Year Level – **Pre-requisite:** Trigonometry and Algebra 2, Approval from Mathematics Department

Weight 1.10

Intro to Engineering is a course for students who are interested in design and engineering. The major focus of the course is to expose students to the design process, research and analysis, engineering standards, and innovative technology in the field all while developing creative problem-solving strategies, communication skills, and teamwork. Students will learn through hands-on experiences during instructional activities, projects, and solving real-world problems. Students will not only design projects, but they will also use computers, tools, equipment, and fabrication techniques to build their projects, allowing them to go all the way from imagination to design to building a finished product. During this process, students have to continually iterate their designs as they troubleshoot and problem solve issues as they arise. Students will work both independently and collaboratively with peers employ engineering and scientific concepts to attempt to solve authentic engineering design problems. Areas of focus include, but are not limited to, 2D design and 3D modeling, basic electronics and programmable circuits (Arduino & Raspberry Pi), mechanical design, and fabrication techniques such as CNC machining, laser cutting, and 3D printing. Students will also learn how to document their work and communicate their solutions to their peers and members of the professional community. Ultimately, students will have a well-rounded and strong foundation in engineering principles so they are better problem solvers who are prepared to enter a science or engineering field if they so choose.

**3521 ADVANCED ENGINEERING**

Full Year Course - 1 Credit

12<sup>th</sup> Year Level – Pre-requisite: Intro to Engineering and Approval from Mathematics Department

Weight 1.10

Advanced Engineering is a course for students who want to continue with their study in design and engineering. The major focus of this course is to continue to expose students to the design process, research and analysis, engineering standards and innovative technology in the field all while developing creative problem-solving strategies, communication skills and teamwork. Students will learn through hands-on experiences during instructional activities, projects, and solving real-world problems. Students will be given more freedom to explore and develop projects that are of interest to them in their second year of engineering. Areas of focus include, but are not limited to, 2D design and 3D modeling, basic electronics and programmable circuit (Arduino & Raspberry Pi), mechanical design, and fabrication techniques such as CNC machining, laser cutting and 3D printing. Ultimately students will have the opportunity to grow upon their foundation in engineering principles so they are better problem solvers who are prepared to enter a science or engineering field if they so choose.



## **PHYSICAL EDUCATION DEPARTMENT**

Mr. Salvatore Lagano, Chairman

### **PHYSICAL EDUCATION 9**

Full Year Course – 1/2 Credit

7110 (Boys)

7121 (Girls)

In this course, the student learns the basic concepts of physical education. The course will stress exercise and team participation. Weight Room is available for students who are interested.

### **PHYSICAL EDUCATION 10 & 11**

Full Year Course – 1/2 Credit

7210 (Boys)

7221 (Girls)

In this course, the student learns intermediate concepts of physical education. The course will stress exercise, team participation, and individual improvement. Weight Room is available for students who are interested.

### 7441 **PHYSICAL EDUCATION 12**

Full Year Course – 1/2 Credit

In this course, the student continues to learn more advanced concepts of physical education. The course will stress exercise, team participation, and individual improvement. Depending upon arrangements, Bowling may be offered for a portion of the school year.

### 7611 **ATHLETICS IN SOCIETY**

Full Year Course – 1/2 Credit

9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup> and 12<sup>th</sup> Year Level

This is a Physical Education program specially designed and suited to the interests, capacities and limitations of students who may not safely or successfully engage in unrestricted participation in the activities of the regular P.E. program. The students must do an independent study consisting of a written report each semester. Students enrolled in this course are REQUIRED to make contact with the Chairperson of the Department during the first cycle of classes.

### 7473 **HEALTH**

One Semester Course - 1/2 Credit

Weight: 1.00

All Sophomores, Juniors, and any Senior who have not completed Health must take this course.

This course includes topics such as mental health, nutrition, common diseases and disorders, first aid, and alcohol and drug abuse.

Students with a conflict in their schedule may take the health course during the summer with the permission of the Academic Dean; there is an additional fee for the summer course.

### 7477 **INDEPENDENT HEALTH**

One Semester Course - 1/2 Credit

10<sup>th</sup>, 11<sup>th</sup> and 12<sup>th</sup> Year Level

Weight: 1.00

This course is a Health Course, restricted to students who wish to continue to take Chorus, Orchestra or Band or who wish to take AP Courses or non-elective College Courses, where the scheduling of the Health Course would make it impossible to take one of these courses.

The course would require that the student meet once each month at a mutually convenient time (either before school, after school or during a free period) with the teacher to discuss his/her independent study and the completion of his/her research in preparation for completing the written reports.

## SCIENCE DEPARTMENT

Mr. James Medina, Chairman

In the Saint Anthony's High School Science Program, students acquire the knowledge, skills and attitudes that empower them to compete in the ever-growing scientific world, a world reliant on science, technology, information retrieval, and mathematics.

### 4703    **LIVING ENVIRONMENT/BIOLOGY**

4704    Full Year Course - 1 Credit - Regents Examination Required  
9<sup>th</sup> Year Level  
Weight: 1.00

This course will provide a broad understanding of the fundamental principles of biology and build a foundation in understanding how organisms evolve in a changing environment. Concepts are developed through appropriate exercises and lab experiences, which emphasize the disciplined approach of the scientist. Mandatory 1200 minutes of written laboratory work must be submitted for a student to be permitted to sit for the Regents Examination.

### 4705    **LIVING ENVIRONMENT/BIOLOGY HONORS**

4706    Full Year Course - 1 Credit - Regents Examination Required  
9<sup>th</sup> Year Level – Approval of Department Chairman Required  
Weight: 1.05

**Report card grades, Standardized Test scores and Catholic High School Entrance Exam scores will be reviewed for Honors Placement.**

This course will provide a broad understanding of the fundamental principles of biology, delving more deeply into the extended areas. Students will learn to become careful observers and critical thinkers. Mandatory 1200 minutes of written laboratory work must be submitted for a student to be permitted to sit for the Regents Examination.

### 4723    **PHYSICAL SETTING/EARTH SCIENCE**

4724    Full Year course - 1 Credit - Regents Examination Required  
10<sup>th</sup> Year Level - Recommendation of Living Environment/ Biology Teacher required  
Weight: 1.00

This course studies the earth as a complex system, involving interactions among rock materials, water, air, and organisms. The basic principles of energy, conservation and transformation, atomic and molecular structure, forces, cycles and budgets are high priorities in Earth Science study. Mandatory 1200 minutes of written laboratory work must be submitted for a student to be permitted to sit for the Regents Examination.

### 4725    **PHYSICAL SETTING/EARTH SCIENCE HONORS**

4726    Full Year Course - 1 Credit - Regents Examination Required  
10<sup>th</sup> Year - Recommendation of Living Environment/ Biology Teacher required  
Weight: 1.05

To enter this Honors Course, a minimum of 90% in Science and a teacher recommendation is required. Acceptance into an Honors Course is provisional until determination is made based on Final Exam/Regents Grades and the Final Grade for the present course.

This course will cover all the topics in Earth Science 4223. Each topic will be enriched with computer assignments. Mandatory 1200 minutes of written laboratory work must be submitted for a student to be permitted to sit for the Regents Examination.

### 4733    **PHYSICAL SETTING/CHEMISTRY**

4734    Full Year Course - 1 Credit - Regents Examination Required  
11<sup>th</sup> and 12<sup>th</sup> Year Level    Prerequisites: Recommendation of Living Environment/Biology or  
Physical Setting/Earth Science Teacher Required  
Weight: 1.00                      Successful completion of Living Environment/Biology

This course presents a modern view of chemistry and includes a study of atomic structure, bonding, acids and bases, electrochemistry, nuclear and organic chemistry. Major emphasis is placed on chemical calculations, the mathematical formulation of chemical principles and applying concepts to real-world connections. Mandatory 1200 minutes of written laboratory work must be submitted for a student to sit for the Regents examination.

**4735 PHYSICAL SETTING/CHEMISTRY HONORS**

**4736** Full Year Course - 1 Credit - Regents Examination Required  
10<sup>th</sup> and 11<sup>th</sup> Year Level Prerequisites: Recommendation of Living Environment/Biology or  
Weight: 1.05 Physical Setting/Earth Science Teacher Required  
Successful completion of Living Environment/Biology

To enter this Honors Course, a minimum of 90% in Science and a teacher recommendation is required. Acceptance into an Honors Course is provisional until determination is made based on Final Exam/Regents Grades and the Final Grade for the present course.

This course will cover all topics in Chemistry 4303 but with a greater mathematical emphasis and more applications. Extended areas include descriptive chemistry, the quantum mechanical atom, electrochemistry, thermodynamics, bonding and organic chemistry. Mandatory 1200 minutes of written laboratory work must be submitted for a student to be permitted to sit for the Regents Examination.

**4743 PHYSICAL SETTING/PHYSICS**

**4744** Full Year Course - 1 Credit - Regents Examination Required  
11<sup>th</sup> and 12<sup>th</sup> Year Level - Pre-requisites: Successful Completion of Living Environment/Biology  
Weight: 1.00 Recommendation of Science Teacher

This course is a broad survey of classical physics, which will develop critical thinking. The course deals with mechanics, wave theory, electricity, magnetism, and modern physics. Students who are weak in Mathematics should not consider this course. Mandatory 1200 minutes of written laboratory work must be submitted for a student to be permitted to sit for the Regents examination. **Seniors are encouraged to attend class until the Regents exam.**

**4745 PHYSICAL SETTING/PHYSICS HONORS**

**4746** Full Year Course - 1 Credit - Regents Examination Required  
11<sup>th</sup> and 12<sup>th</sup> Year Level - Pre-requisites: Successful Completion of Living Environment/Biology  
Weight: 1.05 Recommendation of Science Teacher

To enter this Honors Course, a minimum of 90% in Science and Mathematics and a teacher recommendation is required. Acceptance into an Honors Course is provisional until determination is made based on Final Exam/Regents Grades and the Final Grade for the present course.

This course will cover all the topics in Physics 4403 in more depth and with more rigorous problem solving. This course will provide an invaluable background for prospective math, science, or engineering majors. Students must be very proficient in Math. This course requires 1200 minutes of lab work and written reports being submitted before sitting for the Regents Examination. **Seniors are encouraged to attend class until the Regents exam.**

**4741 NEWTONIAN PHYSICS**

**4742** Full Year Course - 1 Credit – Final Examination Required  
12<sup>th</sup> Year Level - Recommendation of Science Teacher  
Weight: 1.00

This course examines motion as it occurs throughout the universe with a conceptual approach. The conceptual approach to physics is tied to the student's personal experience in the everyday world, so that the student learns to see physics not as just a classroom or laboratory activity, but as a part of his or her surroundings. Topics covered include inertia, force, Newton's laws of motion, work and energy, linear momentum, collisions, gravitation, rotational motion, torque, angular momentum, and oscillatory motion. Though this course relies heavily on physics principles, students should have decent algebra skills.

**4763 ENVIRONMENTAL SCIENCE**

**4764** Full Year Course - 1 Credit  
11<sup>th</sup> and 12<sup>th</sup> Year Level – Approval of Department Chairman  
Weight 1.00

This course is designed as an introduction to Environmental Science. This course provides an issues approach to a broad range of topics including ecology, public health, wild species preservation, atmospheric pollution and climate change, ozone depletion, global warming and energy conservation. Students discuss the economics and public policies that affect these issues. Students will conduct laboratory experiments dealing with air and water quality and other activities that measure pollutants in the environment.

Limited class size.

4773    **MARINE SCIENCE**  
4774    Full Year Course - 1 Credit  
11<sup>th</sup> and 12<sup>th</sup> Year Level  
Weight: 1.00                      Approval of Department Chairman

This course is split into two portions: Oceanography and Marine Biology. The course is focused on the study of ocean plants, animals, and their ecological relationships. The distribution of marine organisms depends on the chemical and physical properties of seawater (temperature, salinity, and dissolved nutrients), ocean currents (which carry oxygen to subsurface waters and disperse nutrients, wastes, spores, eggs, larvae and plankton), and permeation of light. The scientific study of Marine Biology dates from the early 19<sup>th</sup> century and now includes laboratory studies of organisms for their usefulness to humans and the effects of human activity on marine environments.

Limited class size.

4783    **FORENSIC SCIENCE**  
4784    Full Year Course - 1 Credit  
11<sup>th</sup> and 12<sup>th</sup> Year Level - Pre-requisites: Regents Living Environment and one Physical Science (Earth Science, Chemistry or Physics)  
Weight: 1.00                      Approval of Department Chairman

This course introduces students to the diverse field of forensic science. The chemistry, biology, physics and geology useful for evaluating crime scenes are explored. Topics include history of forensic science, physical evidence and crime scene, DNA, hair and fibers, glass, fingerprint analysis, blood and serology and firearm analysis. Students perform both hands-on and virtual forensic laboratory techniques. The study of actual criminal case emphasizes the importance of forensic science in solving crime.

Limited class size.

4785    **FORENSIC SCIENCE – HONORS (COLLEGE CREDITS)**  
4786    Full Year Course - 1 Credit - **additional fee required if taking for College Credits**  
12<sup>th</sup> Year Level - Pre-requisites: Regents Living Environment and Chemistry  
Weight: 1.05                      Approval of Department Chairman

This course is specifically designed for students who have a strong desire to pursue a collegiate academic curriculum/career in Forensic Science, Criminology and/or Criminal Justice. This course will introduce students to the study of Biology, Chemistry, Physics, Psychology and Anthropology as it pertains to crime scene investigation, evidence processing and forensic pathology. Topics of study will include, but are not limited to, the history of Forensic Science, physical evidence and the crime scene, microscopy and spectroscopy, hairs and fibers, ballistics, sharp force injuries, drugs toxicology and poisons and criminal psychology. Laboratory exercises will be required. This is a college course in which college credits will be awarded upon successful completion of the college requirements, which are: payment of a fee and a minimum final grade of 80%.

Limited class size.

### **AP SCIENCE COURSES**

4718    **AP BIOLOGY**  
4719    Full Year Courses - 1 Credit - AP Examination Required – **additional fee**  
11<sup>th</sup> or 12<sup>th</sup> Year Level - Pre-requisites: Regents Living Environment and Chemistry  
Weight: 1.10                      Approval of Department Chairman Required

9th Grade: Students pre-approved for the Science Scholars Program will submit copies of recent report cards and standardized tests; a placement test will be administered in April, 2020. It is highly recommended that 9<sup>th</sup> grade students who have not taken Regents Living Environment attend the AP Biology prep course offered here at St. Anthony's High School. This course is offered in July and consists of eight two hours sessions. The instructor is Ms. Grimaldi

**To enter this AP course, a minimum cumulative average of 92% in Science and Mathematics is required. Acceptance into an AP Course is provisional until determination is made based on Final Exam/Regents grades and the final grade for the present course.**

This course serves as an introductory Cell Biology class designed to be the equivalent of a college introductory biology course. The primary goal of this course is to provide students with the conceptual framework, factual knowledge, and analytical skills necessary for the AP Biology exam. Many topics are covered **requiring an exceptional amount of memorization and application of the concepts involved in this course.** In addition, there are **mandatory laboratory exercises** involving analysis of experimentation and observations. Reading and the outlining of textbook chapters are an integral part of the course in order to reinforce the vast amount of topics covered. A summer assignment involves the learning and outlining of chapters pertinent to the course. The course is open to **qualified** junior and senior students, and select freshmen.

**4738 AP CHEMISTRY**

**4739** \*Physics is not a pre-requisite for AP Chemistry - but students are strongly encouraged to take physics concurrently or the following year.

Full Year Courses - 1 Credit - AP Examination Required – **additional fee**

11<sup>th</sup> or 12<sup>th</sup> Year Level – Approval of Department Chairman Required

Weight: 1.10

To enter this AP Course, a minimum cumulative average of 92% in Science and Mathematics is required. Acceptance into an AP Course is provisional until determination is made based on Final Exam/Regents Grades and the Final Grade for the present course.

AP Chemistry is equivalent to a college level general chemistry course. Students must be high motivated to tackle this rigorous course. Major emphasis is placed on the mathematical solution to problems set up by understanding and applying basic chemical principles. An in-depth summer assignment will be required of all students. Limited class size.

**4748 AP PHYSICS 1 (without Calculus)**

**4749** Full Year Courses - 1 Credit - AP Examination Required – **additional fee**

11<sup>th</sup> or 12<sup>th</sup> Year Level – Pre-requisite: Regents Physics

Weight: 1.10 Approval of Department Chairman Required

To enter this AP Course, a minimum cumulative average of 92% in Science and Mathematics is required. Acceptance into an AP Course is provisional until determination is made based on Final Exam/Regents Grades and the Final Grade for the present course.

AP Physics 1 is the equivalent to a first semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy and power; mechanical waves and sound. It will also introduce electric circuits. Theory and problem solving are at the heart of AP Physics. Limited class size.

**4758 AP PHYSICS 2 (without Calculus)**

**4759** Full Year Courses - 1 Credit - AP Examination Required – **additional fee**

11<sup>th</sup> or 12<sup>th</sup> Year Level – Recommended Pre-requisite: AP Physics 1

Weight: 1.10 Approval of Department Chairman Required

To enter this AP Course, a minimum cumulative average of 92% in Science and Mathematics is required. Acceptance into an AP Course is provisional until determination is made based on Final Exam/Regents Grades and the Final Grade for the present course.

AP Physics 2 is the equivalent to a second semester college course in algebra-based physics. The course covers fluid mechanics, thermodynamics, electricity and magnetism, optics, and atomic and nuclear physics. Theory and problem solving are at the heart of AP Physics. Limited class size.

**4768 AP ENVIRONMENTAL SCIENCE**

**4769** Full Year Courses - 1 Credit - AP Examination Required – **additional fee**

11<sup>th</sup> or 12<sup>th</sup> Year Level – Pre-requisite: Regents Biology; Earth Science, Chemistry

Weight: 1.10 Approval of Department Chairman Required

To enter this AP Course, a minimum cumulative average of 92% in Science and Mathematics is required. Acceptance into an AP Course is provisional until determination is made based on Final Exam/Regents Grades and the Final Grade for the present course.

The course serves as introductory Environmental Science class that a student would normally take in one semester (usually during the first year) of college. Students will be provided with scientific principle, concepts and methodologies required to understand the interrelationships of the natural world and to identify and analyze environmental problems and their possible solutions. This course is interdisciplinary – embracing a wide variety of topics from different areas of study such as biology, chemistry, geology, economics and politics. Topics are covered in great detail and depth. An exceptional amount of memorization is involved in this course. Reading and the outlining of textbook chapters are an integral part of the course in order to reinforce the vast amount of topics covered. A summer assignment will be required. Limited class size.

**4755 MICROBIOLOGY – HONORS (COLLEGE CREDITS)**  
**4756** Full Year Courses - 1 Credit - **additional fee required if taking for College Credits**  
11<sup>th</sup> or 12<sup>th</sup> Year Level - Pre-requisites: Regents Living Environment (Biology)  
Weight: 1.05                      Application Required - Approval of Department Chairman

To enter this Honors course, a minimum cumulative average of 90% in Science and Mathematics is required.

This course is a requirement for many medical schools and is essential for any student who is interested in exploring such career opportunities. Microbiology is a general survey of the microbial world, which includes bacteriology, mycology (yeasts and molds), virology and parasitology. This will be a detailed study of the biology of bacteria, which will comprise of their morphology addition, this course will also incorporate medical microbiology and its importance in and their roles in human and animal diseases. In lab, basic techniques for examination, cultivation and identification of microorganisms will be covered. This is a college course in which college credits will be awarded upon successful completion of the college requirements, which are: payment of a fee and a minimum final grade of 80%.

Limited class size.

**4775 HUMAN ANATOMY AND PHYSIOLOGY – HONORS (COLLEGE CREDITS)**  
**4776** Full Year Courses - 1 Credit – **additional fee required if taking for College Credits**  
11<sup>th</sup> or 12<sup>th</sup> Year Level - Pre-requisites: Regents Living Environment (Biology)  
Weight: 1.05                      Approval of Department Chairman

To enter this Honors course, a minimum cumulative average of 90% in Science and Mathematics is required.

This course is specifically designed for students who have a strong desire to pursue a collegiate academic curriculum/career in the health sciences (Medicine, Physiotherapy, Chiropractic, etc.). This course will introduce students to the study of Human Anatomy and Physiology. Some of the topics to be covered will include Human Osteology (bone), Myology (muscle), Neurology (nerve), Angiology (heart and blood vessels), Pulmonology (lung), Histology (cells), Nephrology (kidney), and Special Senses (eye/ear, etc.). Laboratory exercises will be required. This is a college course in which college credits are awarded upon successful completion of the college requirements, which are: payment of a fee and a minimum final grade of 80%.

Limited class size.

**4315 ORGANIC CHEMISTRY - HONORS**  
Full Year Course - 1 Credit  
11<sup>th</sup> and 12<sup>th</sup> Year Level – Pre-requisite: Regents Chemistry  
Weight 1.05                      Approval of Department Chairman

To enter this Honors course, a minimum cumulative average of 90% in Science and Mathematics is required.

Students interested in exploring Biology or Chemistry in college, or pursuing a career in the health science should consider taking Organic Chemistry. The purpose of this course is to give students a solid background that will help them succeed in college. This course will emphasize the fundamentals of organic chemistry and biochemistry, such as understanding how reactions occur using mechanisms and applying this knowledge to solve how complex organic molecules are synthesized.

Limited class size

**4515 INDEPENDENT SCIENCE RESEARCH - HONORS**  
Full Year Course - 1 Credit  
9<sup>th</sup>, 10<sup>th</sup>, and 11<sup>th</sup> Year Level – Approval of Science Research Director  
Weight 1.05

To enter this course, a minimum cumulative average of 90% in Science and Mathematics is required.

This course is designed to meet the needs of the exceptional science student who wishes to design and conduct independent laboratory and field investigations. A progressive series of objectives will be proposed beginning with a mastery of the fundamentals of the scientific method, continuing with creative experimentation and presentation of scientific findings.

**4618 INDEPENDENT SCIENCE RESEARCH 2 (LAB ASSIGNMENT)**

Full Year Course - 1 Credit

10<sup>th</sup>, 11<sup>th</sup> and 12<sup>th</sup> Year Level – Approval of Science Research Director

Weight 1.10

To enter this course, students must have at least one year of Independent Science Research experience and be enrolled in a laboratory internship approved by the Science Research Director.

This course is designed to meet the needs of the exceptional science student who seeks to apply creative experimentation and presentation of scientific findings through professional laboratory work. Students in this course are expected to submit written research papers into the Regeneron Science Talent Search, the Junior Science and Humanities Symposium, and the International Science and Engineering Fair (ISEF). **Please understand that laboratory and field experiences will require a commitment beyond the school day and may impact vacations, including summer vacation.**

**4787 ADVANCED EMERGENCY MEDICAL TECHNICIAN**

4788 Full Year Course - 1 Credit

12<sup>th</sup> Year Level – Pre-requisite: Biology Regents Grade: 75% or greater; must be 18 years old by 6/1/2020

Weight 1.10 Approval of Department Chairman – Subject to interview process

This course prepares the student to become eligible to take a New York State EMT certification exam. Student will learn BLS (basic life support) skills and how to respond to emergency calls, providing efficient and immediate care to a critically ill or injured patient before and during transport to a medical facility.

In addition to classroom and lab skills, it is mandatory for students to complete 10 hours of clinical rotations in a local hospital emergency department and attend 15 three-hour after school sessions. NOTE: Seniors are required to continue attending classes after their last day of class in May, with NYS testing components held AFTER graduation.

Student MUST successfully pass ALL classroom lecture and skills exams to be allowed to qualify for the N.Y.S. practical skills exam. Upon passing the N.Y.S. skills exam, the student will be qualified to take the N.Y.S. certification exam in June. There is a \$325 fee for registration/lab components/books/NYS Testing.

Limited class size

*“No matter how burdensome is a Commandment, no matter how bitter it may sound, nonetheless, it is sweet and easily put into practice if motivated by love.” (St. Anthony of Padua)*

## **SOCIAL STUDIES DEPARTMENT**

Mr. Lewis Cordina, Chairman

### **2103 GLOBAL HISTORY & GEOGRAPHY 9**

Full Year Course - 1 Credit

9<sup>th</sup> Year Level

Weight: 1.00

Global History and Geography 9 is the first year of a two-year course for 9<sup>th</sup> and 10<sup>th</sup> grade, with a Regents exam at the end of Global History and Geography 10. The course will focus on global history following a chronological format dating from 4,000 BC to 1,750 AD. It is organized around several key themes and concepts: Early Civilizations (4,000 BC – 1,600 BC); Empires of the Ancient World (to 200 AD); and Regional Civilizations (to 1,200 AD). Students will develop an understanding of geography, history, economic systems and political institutions as well as social and cultural elements basic to the study of human development.

### **2105 GLOBAL HISTORY & GEOGRAPHY 9 HONORS**

Full Year Course - 1 Credit

9<sup>th</sup> Year Level

Weight: 1.05

**Report card grades and recent Standardized Tests will be reviewed for Honors Placement.**

Global History and Geography 9 is the first year of a two-year course for 9<sup>th</sup> and 10<sup>th</sup> grade, with a Regents exam at the end of Global History and Geography 10. The course will focus on global history following a chronological format dating from 4,000 BC to 1,750 AD. It is organized around several key themes and concepts: Early Civilizations (4,000 BC – 1,600 BC); Empires of the Ancient World (to 200 AD); and Regional Civilizations (to 1,200 AD). Students will develop an understanding of geography, history, economic systems and political institutions as well as social and cultural elements basic to the study of human development.

### **2106 AP WORLD HISTORY: MODERN**

Full Year Course - 1 Credit – Regents Examination in Global History and AP World History: Modern Examination Required

9<sup>th</sup> and 10<sup>th</sup> Year Level – **additional fee**

Weight: 1.10

**9<sup>th</sup> Grade - Report card grades and recent Standardized Tests will be reviewed for AP.**

**10<sup>th</sup> Grade - To enter this AP Course, a minimum average of 92% in the present course and a teacher recommendation is required. Acceptance into an AP Course is provisional until determination is made based on Final Exam/Regents Grades and the Final Grade for the present course.**

The AP World History: Modern course covers the time period 1200 C.E. to the present. This course emphasizes World history from a non-European perspective, focusing on key themes, periods and concepts. The AP World History: Modern course requires extensive interpretation of historical documents, the ability to interpret cause and effects, to detect bias, to make comparisons amongst societies, utilizing critical thinking skills. The student is expected to read and write extensively and proficiently, and actively participate in class discussions and debates offering factual input and informed opinions. **Students will be required to successfully complete a research assignment during the summer of 2021.**

### **2203 GLOBAL HISTORY & GEOGRAPHY 10**

Full Year Course - 1 Credit - Regents Examination Required

10<sup>th</sup> Year Level

Weight: 1.00

This course is the second part of the two-year Global History program. Students will explore major turning points in the shaping of the modern world, from the time period of the Enlightenment to modern day (approximately 1,750 AD to 2,000 AD). Emphasis on geography, cultural underpinnings, economics, and political systems characterize our course experience for the year. These topics will be examined through methods such as discussion, readings, and audio-visual materials. Topics covered include: Enlightenment and Revolution, Industrialism and a New Global Age, World Wars and Revolutions, and The World Today. All global history students will take a Regents exam at year's end.



**2205 GLOBAL HISTORY & GEOGRAPHY 10 HONORS**  
Full Year Course - 1 Credit - Regents Examination Required  
10<sup>th</sup> Year Level  
Weight: 1.05

To enter this Honors Course, a minimum average of 90% in the present course and a teacher recommendation is required. Acceptance into an Honors Course is provisional until determination is made based on Final Exam/Regents Grades and the Final Grade for the present course.

This course is the second part of the two-year Global History program. Students will explore major turning points in the shaping of the modern world, from the time period of the Enlightenment to modern day (approximately 1,750 AD to 2,000 AD). Emphasis on geography, cultural underpinnings, economics, and political systems characterize our course experience for the year. These topics will be examined through methods such as discussion, readings, and audio-visual materials. Topics covered include: Enlightenment and Revolution, Industrialism and a New Global Age, World Wars and Revolutions, and The World Today. All global history students will take a Regents exam at year's end.

**2214 AP EUROPEAN HISTORY**  
Full Year Course - 1 Credit - AP European History Examination Required  
10<sup>th</sup> Year Level and 12<sup>th</sup> (as an elective)  
Weight: 1.10

[FOR QUALIFIED SOPHOMORES, THIS COURSE MAY BE TAKEN ONLY IF YOU HAVE COMPLETED AP WORLD HISTORY: MODERN. SOPHOMORES WHO TAKE THIS COURSE SIT FOR THE AP EXAMINATION]

To enter this AP Course, a minimum average of 92% in the present course and a teacher recommendation is required. Acceptance into an AP Course is provisional until determination is made based on Final Exam/Regents Grades and the Final Grade for the present course. The student is expected to read and write extensively and proficiently and actively participate in class discussions and debates offering factual input and informed opinions. **Students will be required to successfully complete a research assignment during the summer of 2021.**

The Advanced Placement program is a study of Modern European History since 1450, designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in European History. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those of full-year introductory college courses.

**2218 AP SEMINAR**  
Full Year Course – 1 Credit - AP Seminar Examination Required – **additional fee**  
10<sup>th</sup> Year Level – Application Required - Department Approval  
Weight 1.10

This course is centered on fostering preliminary skills for conducting research and functions as the precursor to AP Research which will be offered the following year. Content will be co-taught by faculty members from a variety of disciplines. Students enrolled in this course will engage in the process of inquiry through questioning, understanding, analyzing, and synthesizing source materials relevant to contemporary issues under a Franciscan framework.

Completion of the course is contingent upon taking an AP examination in May; and students who score a 3 or higher in both AP Seminar and AP Research course may qualify for an AP Research and Seminar Certificate. Students must have a 92% average in both English and Social Studies courses to be eligible for registration.

**2318 AP RESEARCH**  
Full Year Course – 1 Credit - AP Examination Required – **additional fee**  
11<sup>th</sup> Year Level – Departmental Approval Required  
Weight: 1.10

AP Research is an intermediary research course for students interested in proposing solutions to real-world issues found in contemporary society. Since group work is a central component to this program, students must possess a high degree of interpersonal and time-management skills to collaborate with their peers. In addition, students are also expected to have strong skills in independent research and in analytical writing. Eligibility is contingent upon an earned average of 92% in both English and Social Studies courses as well as full completion of the requisite AP Seminar course and exam.

**2303 UNITED STATES HISTORY AND GOVERNMENT 11**

Full Year Course - 1 Credit - Regents Examination Required

11<sup>th</sup> Year Level

Weight: 1.00

The course will focus on the U.S. constitution and political traditions; a survey of U.S. history and intellectual forces (1607-1865); the industrialization of the United States; prosperity, depression, and war (1917-1940); the United States in an age of global crisis (1933-1960); the world in uncertain times (1950-1985), and the United States today, including its people, social institutions, cultural values, geography and global relations. All U.S. History students will take a Regents exam at year's end.

**2305 UNITED STATES HISTORY AND GOVERNMENT - 11 HONORS**

Full Year Course -1 Credit - Regents Examination Required

11<sup>th</sup> Year Level

Weight: 1.05

To enter this Honors Course, a minimum average of 90% in the present course and a teacher recommendation is required. Acceptance into an Honors Course is provisional until determination is made based on Final Exam/Regents Grades and the Final Grade for the present course.

The course will focus on the U.S. Constitution and political traditions; a survey of U.S. history and intellectual forces (1607-1865); the industrialization of the United States; prosperity, depression, and war (1917-1940); the United States in an age of global crisis (1933-1960); the world in uncertain times (1950-1985), and the United States today, including its people, social institutions, cultural values, geography and global relations. Extensive enrichment reading and research are required. All U.S. History students will take a Regents exam at year's end.

**2418 AP UNITED STATES HISTORY**

Full Year Course - 1 Credit - Regents Examination in US History and AP Examination Required – **additional fee**

11<sup>th</sup> and 12<sup>th</sup> Year Level

Weight: 1.10

[FOR QUALIFIED JUNIORS, THIS COURSE MAY BE TAKEN IN LIEU OF 2303 "UNITED STATES HISTORY AND GOVERNMENT 11" JUNIORS]

To enter this AP Course, a minimum average of 92% in the present course and a teacher recommendation is required. Acceptance into an AP Course is provisional until determination is made based on Final Exam/Regents Grades and the Final Grade for the present course. The student is expected to read and write extensively and proficiently, and actively participate in class discussions and debates offering factual input and informed opinions. **Students will be required to successfully complete a research assignment during the summer of 2021.**

The AP program in United States History is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in American History. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those of full year introductory college courses. Student must take the AP Examination.

**2423 PARTICIPATION IN GOVERNMENT [REQUIRED FOR ALL SENIORS]**

One Semester Course - ½ Credit

12<sup>th</sup> Year Level

Weight: 1.00

This course will focus on the role of citizenship in the United States. Emphasis will be placed upon developing an understanding of the activities involved at the various levels of government and on the role of our elected and appointed officials. The importance of each individual's participation in our political system as knowledgeable citizens will be stressed.

**2453 ECONOMICS & ECONOMIC DECISION MAKING [REQUIRED FOR ALL SENIORS]**

One Semester Course - ½ Credit

12<sup>th</sup> Year Level

Weight: 1.00

This is a course designed to teach students the importance of economics in their daily lives. Students will be required to learn about the many concepts incorporated with economics, as well as, grasping a basic understanding of the relationship between supply and demand, the modern banking system, GDP, and unemployment. The class will consist of a constant viewing of current events and their economic impact at home and abroad.

## 2433    **GOVERNMENT AND ECONOMICS - HONORS**

Full Year Course -1 Credit

12<sup>th</sup> Year Level

Weight: 1.05

To enter this Honors Course, a minimum average of 90% in the present course and a teacher recommendation is required. Acceptance into an Honors Course is provisional until determination is made based on Final Exam/Regents Grades and the Final Grade for the present course.

This course will be a combination of the two New York State required half-year courses listed above. Students in this course will cover all the basic content of those courses while bringing the disciplines together to discuss them as one entity. Public speaking and civic participation will be major elements of the course work and students who enroll in the class will be constantly analyzing current government and economic events. **Students will be required to successfully complete a research assignment during the summer of 2020.**

## 2464    **AP MICROECONOMICS**

Full Year Course - 1 Credit - AP Examination in Micro Economics Required – **additional fee**

12<sup>th</sup> Year Level

Weight: 1.10

To enter this AP Course, a minimum average of 92% in the present course and a teacher recommendation is required. Acceptance into an AP Course is provisional until determination is made based on Final Exam/Regents Grades and the Final Grade for the present course

The AP program in Micro Economics is designed to provide a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the larger economic system. It places primary emphasis on the nature and functions of product markets, and includes the study of factor markets and of the role of government in promoting greater efficiency and equity in the economy. Participation in Government Course requirements will be incorporated.

**Each AP Student will be responsible for successfully completing an assignment during the summer of 2021.** Students will take the AP Micro Economic exam.

## 2474    **AP MACROECONOMICS**

Full Year Course - 1 Credit - AP Examination in Macro Economics Required – **additional fee**

12<sup>th</sup> Year Level

Weight: 1.10

To enter this AP Course, a minimum average of 92% in the present course and a teacher recommendation is required. Acceptance into an AP Course is provisional until determination is made based on Final Exam/Regents Grades and the Final Grade for the present course

The AP course in Macroeconomics is designed to give students a thorough understanding of the principles of economics that apply to an economic system as a whole. It will focus on U.S. economic indicators, policies and relationships. The course requires analytical skills, problem-solving skills and also has a heavy emphasis on mathematic equations and graphs.

The AP program in Macro Economics is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with problems in Economics. Participation in Government Course requirements will be incorporated. **Each AP Student will be responsible for successfully completing an assignment during the summer of 2021.** Students will take the AP Macro Economic exam.

## 2428    **AP U.S. GOVERNMENT AND POLITICS**

Full Year Course – 1 Credit - AP Examination in U.S. Government and Politics Required – **additional fee**

12<sup>th</sup> Year Level

Weight: 1.10

To enter this AP Course, a minimum average of 92% in your current social studies course and a teacher recommendation is required. Acceptance into this Course is provisional until final determination is made based on Regents exam grades and the Final grades are posted. The culmination of this course will result in the preparation for AP Government and Politics exam. **Each AP Student will be responsible for successfully completing an assignment during the summer of 2021.**

The AP U.S. Government and Politics course stresses the understanding of the foundation of the U.S. Government and how and why it was evolved. This course is not a history course, but rather a course in political science. The content for the AP U.S. Government and Politics course will include topics that range from the foundations of American government to political parties and campaigning. Economics 12 requirements will be incorporated.

**2426 AP COMPARATIVE GOVERNMENT AND POLITICS**

Full Year Course – 1 Credit - AP Examination in Comparative Government and Politics Required – **additional fee**  
12<sup>th</sup> Year Level – Departmental Approval Required  
Weight: 1.10

To enter into this AP Course, a minimum average of 92% in the present course and a teacher recommendation is required. Acceptance into an AP Course is provisional until determination is made based on Final Exam / Regents Grades and the Final Grade for the present course. Economics and Economic Decision Making Course Requirements will be incorporated. **Each AP Student will be responsible for successfully completing an assignment during the summer of 2021.**

The AP course in Comparative Government and Politics introduces students to fundamental concepts used by political scientists to study the processes and outcomes of politics in a variety of country settings. The course aims to illustrate the rich diversity of political life, to show available institutional alternatives, to explain differences in processes and policy outcomes, and to communicate to students the importance of global political and economic changes. Comparison assists both in identifying problems and in analyzing policymaking.

**2425 INTRODUCTION TO PSYCHOLOGY - HONORS (COLLEGE CREDITS)**

Full Year Course – 1 Credit – **additional fee required if taking for College Credits**  
12<sup>th</sup> Year Level – Application Required - Department Approval  
Weight 1.05

This course consists of a study of cognitive functions, intelligence, personality, abnormal behavior, therapies and social psychology. This course is designed and recommended for students who have a strong interest in human development and behavior. An application must be completed and will be reviewed by the department for approval. Applications may be obtained in the Guidance Department. This is a college course in which college credits are awarded upon successful completion of the college requirements, which are: payment of a fee and a minimum final grade of 80%. Limited Class Size

**2484 AP PSYCHOLOGY**

Full Year Course – 1 Credit AP Examination in Psychology Required – **additional fee**  
12<sup>th</sup> Year Level – Application Required - Department Approval  
Weight 1.10

AP Psychology is a college Introductory Psychology course. It encompasses many facets of psychology: research methods, brain physiology, animal behavior, key individuals, and a variety of paradigms from the establishment of psychology as a formal subject to present. Students who apply for this course should be driven to discover phenomena pertaining to the human development and the mystery of the mind. This course will include a research paper, weekly readings, a presentation, quizzes and exams, and other assignments. Limited Class Size

## **BUSINESS COURSE OFFERINGS**

**2935 INTRODUCTION TO BUSINESS – HONORS (COLLEGE CREDITS)**

Full Year Course - 1 Credit – **additional fee required if taking for College Credits**  
10<sup>th</sup> and 11<sup>th</sup> Year Level  
Weight 1.05

Introduction to Business is designed to familiarize students with a basic understanding of business practices at every level. The course provides explanation of business and economic concepts with practical applications to help students explore business opportunities and learn to make informed economic decisions in our global economy. Students will investigate many aspects of our economy such as business ethics, entrepreneurship and small business, organizational structures, management and the role of technology in the business world. Using case studies and real world examples, students will analyze the role of government in business, product marketing and advertising, human resources, and cultural diversity. This is a college course in which college credits are awarded upon successful completion of the college requirements, which are: payment of a fee and a minimum final grade of 80%.

**2925 BUSINESS LAW – HONORS (COLLEGE CREDITS)**  
Full Year Course - 1 Credit – **additional fee required if taking for College Credits**  
11<sup>th</sup> and 12<sup>th</sup> Year Level  
Weight 1.05

Business Law is an introductory course for students who are interested in law. The course will emphasize those areas of law that are most likely to affect students throughout their lives. Students will be introduced to the American court system and procedures, criminal law and torts. Greater attention will be given to the following topics: Contracts, Consumerism, Agency and Employment Law, Marriage Laws, Real Estate and Insurance, Debtor - Creditor Law, Commercial Paper, Secured Transactions, Business Organizations, and Estates. This is a college course in which college credits are awarded upon successful completion of the college requirements, which are: payment of a fee and a minimum final grade of 80%. Preference in registration will be given to seniors before juniors.

**2945 PRINCIPLES OF MARKETING – HONORS (COLLEGE CREDITS)**  
Full Year Course - 1 Credit – **additional fee required if taking for College Credits**  
11<sup>th</sup> and 12<sup>th</sup> Year Level - No pre-requisite  
Weight 1.05

Principles of Marketing will examine the psychology and practices behind selling goods and services. Research efforts, pricing and promotion strategies, distribution channels and product features will be investigated. Using case studies and examples drawn from today's marketplace and corporate giants, students will become familiar with marketing terminology, the pathways and pitfalls facing product developers and the strategies used to appeal to potential buyers. This course provides a firm groundwork for the serious student who intends to major in marketing or business in college. Preference in registration will be given to seniors before juniors. This is a college course in which college credits are awarded upon successful completion of the college requirements, which are: payment of a fee and a minimum final grade of 80%.

**2905 BUSINESS AND PERSONAL FINANCE HONORS**  
Full Year Course - 1 Credit  
11<sup>th</sup> and 12<sup>th</sup> Year Level - No Pre-requisite  
Weight 1.05

Business and Personal Finance is an introductory course for students who are interested in finance, investing and accounting. The course will introduce students to the following topics: Career planning, money management, banking and credit; and investing in stocks, bonds and mutual funds. The course will also incorporate Microsoft Excel as an organizational tool for personal finance. This course will also introduce basic accounting.

**2966 ADVANCED ACCOUNTING**  
Full Year Course - 1 Credit – **additional fee**  
12<sup>th</sup> Year Level  
Weight 1.10

Accounting is for the serious student who intends to major in accounting or business in college. The course includes the fundamentals of accounting, including the terminology and procedures that are applicable in today's business world. Students will learn the essential skills needed to analyze and interpret financial data. They will work through every phase of the accounting cycle for both a sole-proprietorship service business and a corporate merchandising business, learning skills such as budgeting, maintaining a checking account and record-keeping that are beneficial in their personal lives as well as in business. Activities will include computer-based accounting and a simulation for applying text-based material. No previous computer experience is necessary. Limited Class Size

**2956 ADVANCED FINANCIAL LITERACY**  
One Semester Course – 1/2 Credit – **additional fee**  
11<sup>th</sup> and 12<sup>th</sup> Year Level  
Weight 1.10

This course is designed to teach students the basics of money management and help make them financially capable young adults. There will be a heavy focus on budgeting, investing, and banking. This course is offered in conjunction with the W!SE Financial Literacy Certification Program. Students who enroll in this class will sit for a nationally recognized, standardized Financial Literacy Certification Exam. Students who pass the exam will earn a certificate of completion that certifies them as Financially Literate. This distinction is recognized by colleges and employers. Limited Class Size

2982    **MICROSOFT EXCEL FOR BUSINESS**  
One Semester Course - ½ Credit - **additional fee**  
12th Year Level  
Weight 1.00

This course will teach students all of the basic and some advanced skills of Microsoft Excel that will benefit them in college and the business world. Students will learn how to use excel to perform basic calculations with formulas and functions, professionally format spreadsheets and create visualizations through charts and graphs. This course will be project based and will offer students the opportunity to sit for a nationally recognized exam for certification. Students who pass the exam will earn a certificate of completion that certifies them as a Microsoft Excel Specialist. This distinction is recognized by colleges and employers. Limited Class Size