

SAINT FRANCIS PREPARATORY SCHOOL COURSE OFFERINGS 2022-2023



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IMPORTANT DATES AND DEADLINES

We have listed below the important deadlines and dates in the course registration process. Be sure you are meeting the stated deadlines: missing a deadline may keep you out of a class. If you are uncertain on how to proceed, please ask questions. Discuss courses with parents and guardians, teachers, and guidance counselors. Use your time wisely and well.

Pre-registration

30 January Pre-registration begins on **Sunday, 30 January, 10:00 a.m.** Pre-registration is for the courses listed below. Students will log into their school email and use the links listed in this coursebook the classes for which they wish to pre-register. Speak with the relevant chairperson if you have questions.

The following courses require pre-registration:

- All **Computer Science** Courses
- All **Business** Courses
- All **Social Studies Electives** and **Z period classes** (except A.P. Psychology, which requires approval)
- These **Health and Physical Education** Courses:
 - Z period Health (seniors only)
 - Health for Juniors
 - Project Adventure
 - Yoga-Tai Chi
 - First Aid
 - Nutrition

Departmental approval is given by chairpersons of all departments for any special classes, including honors and A.P. classes. Departmental approval is not given on the day of registration. Check with individual chairpersons and teachers and the full course book to determine which courses require pre-registration or approval.

1 February Chairpersons will post lists on the school website and outside departmental offices notifying students of classes they successfully pre-registered for.

Registration

3-6 February

Students choose classes through the online registration system. Students may do this work at home or in school. Students must finish by **6 February at 9:00 p.m.**

Use your

PowerSchool account to select classes.

Late May

Course verification forms are given to students. During the announced days, students may request course changes in the Programming Room. Changes are based on space availability and qualification and are often not possible. There is a fifty dollar (\$50) fee for all changes. The **last day** to make any course changes is **24 June**. There will be no changes over the summer or in September.

IMPORTANT: Students wishing to register for extra credits or an Z period class must be in good academic standing and have good attendance and punctuality. There is no request form. Students will be notified after registration if there is a problem with their requests.

BELIEF STATEMENTS

The community of St. Francis Prep values God's life in each person. Therefore we are compelled:

- to be seekers of Truth
- to develop a critical intellect
- to treat all with respect and dignity
- to lead lives of justice, integrity, and compassion.

MISSION STATEMENT

St. Francis Prep is a Catholic, college preparatory school in the Franciscan tradition. Our mission is to enable all students to develop and broaden their spiritual, intellectual, creative, emotional, social, and physical abilities. We value the unique contribution each person makes to the Prep community. Together, we create an environment filled with academic success, respect, integrity, and joy.

PHILOSOPHY

Saint Francis Preparatory School is a community that affirms its Catholic identity by the four "Golden Links" of Franciscan education, which holds that Spiritual, Intellectual, Social, and Physical values can be drawn from learning. We direct our educational efforts through academic programs and activities to enable students to value all of God's creation. Enlightened by the teachings of Jesus, we – the students, parents, faculty, staff, administration, and alumni – view the school as a means of encountering God and as a visible sign of our religious beliefs. In the words of Pope John Paul II, the mission of the Catholic school is "to communicate Christ." At the Prep, this is uniquely interpreted in the spirit of Franciscanism, which is to manifest peace, love, and respect for the individual, the community, and the environment.

At St. Francis Prep, we create an atmosphere where all can experience, communicate, and live the Gospel message. We challenge every individual to value learning, thinking, and critical inquiry. The teachers strive not only to instruct the students, but to inspire them. We provide opportunities for students to develop their academic potential and make college and career choices in concert with their personal desires and talents. We appreciate and respect the cultural diversity in the school and the New York metropolitan area while embracing our shared humanity. We encourage active citizenship in our democracy by increasing students' awareness of and involvement in local, national, and global issues.

This is the vision we mutually define. To work for these ends is a task of joy which brings fulfillment to the entire Prep community.

GRADUATE PROFILE

Our focus at St. Francis is the whole person. Therefore, Prep graduates strive to live the four Golden Links of Franciscan education:

SPIRITUAL

To continually experience a loving God in themselves and in others
To live the teachings of Jesus in the spirit of Francis of Assisi

INTELLECTUAL

To always value learning, thinking, and critical inquiry
To make responsible decisions in all aspects of their lives

SOCIAL

To recognize themselves as members of the world community
To respect and accept the unique contributions of each individual to society

PHYSICAL

To accept and nurture our bodies as gifts of the Creator.
To encourage stewardship of our planet

CAMPUS MINISTRY

Saint Francis Prep is committed to providing opportunities for students to grow in their faith. To achieve this goal, we have a Campus Ministry team consisting of three lay Campus Ministers, a Franciscan Brother, one full-time Chaplain, and several moderators. We encourage students' responsible participation in the life, mission, and work of our community of faith. In this ministry, we offer students pastoral counseling, spiritual direction, liturgical celebrations, reconciliation services, prayer services, retreats, and service experiences. In coordination with other school clubs, students participate in many social justice activities and community projects. Campus Ministry activities are an integral part of the education of our students.

RETREATS:

The retreat program is an essential part of the school's efforts toward Christian and Franciscan formation at St. Francis. Retreats allow students to deepen both their friendships and their spirituality. All sophomore students take part in a one-day retreat experience at Camp Alvernia in Centerport, Long Island. Optional retreats, based on age-appropriate themes and the journey of faith, are also offered each year for juniors and seniors. Campus Ministers also develop customized retreat experiences for several of the athletic teams and performing arts groups.

LITURGY:

Mass is offered at 7:00 a.m. each morning in the school chapel. All are invited to participate. School-wide prayer services and Eucharistic liturgies take place throughout the school year. These are important features of the spiritual activities at St. Francis Prep. Some are celebrated with the entire school, while others are focused on grade level. Our special liturgies take place at the following times:

- Opening of School (Mass of the Holy Spirit)
- The Feast of St. Francis
- Founder's Day Liturgy - 9th grade
- Thanksgiving Liturgy
- Advent Reconciliation Services
- Christmas Liturgy
- Peacemaker Week Prayer Service
- Ash Wednesday Liturgy
- Lenten Reconciliation Service
- Holy Week Prayer Service
- Junior Day Liturgy
- Ninth Grade Class Closing Liturgy
- Tenth Grade Class Closing Liturgy
- Graduation Liturgy

LEADERSHIP AND INVOLVEMENT OPPORTUNITIES

Liturgy Team

The Liturgy Team works with the Campus Ministers planning and preparing various liturgies and prayer services during the school year.

Midnight Run

Student volunteers prepare a meal and sort donations of clothing and hygiene products for distribution to people living on the streets of Manhattan. Students and SFP chaperones meet at SFP in the evening and make appointed stops throughout the City coordinated by the Midnight Run organization. CM collects the following items throughout the school year: men's coats, jackets, sweaters, pants, new underwear, and socks.



Franciscan Youth Ministry (FYM)

FYM plans service, social, and prayer activities building community in the spirit of St. Francis. Projects include: assisting children/teen charities, writing to our armed forces and elderly people at Christmas, visiting elderly people, planning parties for Children's hospitals, etc.

Students meet at **2:45 p.m. every Wednesday** weekly to plan activities. *We Are Teens Alive in the Spirit of St. Francis.*

Retreat Leaders

Retreat leaders lead the Sophomore Retreat experience held at Camp Alvernia in Centerport, NY, on Tuesdays throughout the school year. Interviews for interested sophomores and juniors will be held in the Spring. Look for more information.

✠ **Extraordinary Ministers of Holy Communion**

Assist with the distribution of Holy Communion at school liturgies and communion services on a rotating schedule. Juniors must attend the Diocesan Training Day in May and obtain a letter of endorsement from your parish pastor.

✠ **Lector-Reader**

Proclaim aloud designated readings and prayers of the faithful at school masses and prayer services. Rotating schedule; practice required before upcoming liturgy or prayer service.

✠ **Liturgy Assistant & Altar Servers**

Assist during school liturgies with a variety of possible responsibilities: greeting students, preparing the altar, carrying the cross or candles in processions. No training necessary but practice required before upcoming liturgy or prayer service.

✠ **Liturgical Ensemble**

Sing at all school liturgies and prayer services. Practices are held Mondays **or** Wednesdays at 2:45 pm in W207.

✠ **Morning Prayer Leader**

Assist with leading daily prayer over the PA system at the beginning of the school day.

Presentation Soup Kitchen

Volunteers assist with preparing and serving dinner at the Church of the Presentation in Jamaica, NY. Actual service at Presentation is from **4:00 pm to 7:00 pm** on Thursdays. Transportation provided by SFP. Only 6 volunteer spots are available each week.

Franciscan Immersion Experiences

These experiences provide sophomore, junior, and senior students powerful experiences of service, communal living, prayer, and learning about social justice. There are three experiences planned for this school year. FIE: February break; FIE: Camden, Holy Week; and FIE: in July: To Be Determined.

Look for sign-ups for these activities and others on the Campus Ministry page of the St. Francis Prep [website](#).

DRIVER EDUCATION

The Driver Education program follows the basic New York State requirements. It consists of 24 classroom hours, 18 observation hours, and 6 hours behind the wheel. The course is available in the fall, spring, and summer. Each session lasts 80 minutes. Students have one lecture period and one in-car period each week and must complete no less than 6 hours of actual behind-the-wheel experience. The passing grade in the program is 65%. Upon successful completion of the course, the student will receive an MV285 certificate. All students registered in the program must have a learner's permit in order to complete the course.

Each student is responsible to be present at each session. It is the responsibility of the student to notify the teacher of an anticipated absence for any session. All before school sessions will begin promptly at 6:45am, afternoon sessions will begin at 2:50pm. There are opportunities to have driving lessons on Saturday mornings.

LIBRARY

The Bishop Reilly Memorial Library, our educational media center, is centrally located on the second floor and is available to students and faculty members on every school day from 7:30 a.m. to 5:00 p.m., except Friday when the library closes at 4:30 p.m. The library has a professional librarian and four paraprofessionals. Over 30,000 volumes in both print and digital format, which represent the academic and recreational interests of the students and faculty, are housed in this area. There are 13 print magazine subscriptions that are housed in the library as well as several with accompanying online access, including the entire digital archive of National Geographic. Sixty full text databases are accessible from school and home via the database link on the Library's homepage.

All students are automatically members of the library. They may check out library materials for three weeks. Students are not charged late fees, and may renew items as needed. Print reference materials must be used in the Library, but there are also many online reference materials that can be accessed from school or home.

One of the goals of the library staff is to provide whatever is necessary to further the spiritual, educational, and social improvement of the library users.

Nine printer-copy machines, 24 personal computers, 73 Chromebooks, and 3 iMacs are located in the library. Both wired and wireless internet access is available in the Library. A conference room on the balcony is provided chiefly for faculty use, but may also be booked ahead of time for students' study groups.

COLLEGE CREDIT

St. Francis Prep has established a program with three local colleges that allows Prep students to be eligible to receive college credit for certain courses offered here.

Further information about the College Credit Program can be found at the [end of this booklet](#).

ACADEMIC ADVISEMENT

As you prepare to decide which subjects to take next year, keep in mind that the quality of your courses and the grades you receive in them are each very important. All of your classes, along with your final course averages, are included on your academic record. Students should take the most challenging series of courses for which they are eligible.

If you are having difficulty in a class, do NOT let the problem escalate. Speak with your teacher. Obtain a tutor or a mentor (W-101). See your [guidance counselor](#). Take the necessary steps to improve your grades.

It is important that students choose their courses carefully. Students should consider the following factors when choosing particular courses:

- requirements for a St. Francis Prep diploma;
- requirements for Regents endorsed and Advanced Regents diplomas;
- abilities, interests, and past achievements in various subject areas;
- over-all course load;
- anticipated plans for after graduation from high school.

In order to assist you with your decision-making, the next few pages contain general information and guidelines that will help you in the course selection process. Review and discuss all the necessary information and seek advice from your parents and teachers.

IMPORTANT: Be sure to read the course descriptions for each course you will be taking. Make sure you know all requirements and expectations for your courses. If you are uncertain about expectations, speak with teachers, chairpersons, and counselors. Do not sign up for a class merely because it “looks” or “sounds” good.

** It is always the best course of action to take the most appropriately challenging course work.

Reasons to Meet With Your Guidance Counselor Regarding Course Selection:

- Transfer students may have special issues to review;
- To ensure that you understand the various requirements for your graduating class;
- To see if you are eligible to earn a Regents Endorsed or Advanced Regents Diploma;
- To review potential elective courses that apply to your college and career goals;
- To assist you in looking at the pros and cons of the decisions that you need to make.

Your guidance counselor is available for course selection advisement. During the months of January and February, counselors generally post appointment schedules on their office doors so students can sign up to meet with them. Please take advantage of this opportunity to learn as much as you can about course selection as it applies to your future goals.

MINIMUM REQUIREMENTS FOR A ST. FRANCIS PREP DIPLOMA

In order to graduate from St. Francis Prep, a student must fulfill requirements in two different categories:

- A. Core Course Requirements
- B. Competency Requirements

A. Core Course Requirements:

Core courses are those that all students are required to complete. During your four years at St. Francis Prep, students must complete the following course and unit requirements:

Religion (4 years)	2 units
English (4 years)	4 units
Social Studies (4 units)	4 units
Mathematics (3 years)	3 units
Science (3 years)*	3 units
Foreign Language (2 years)	2 units
Fine Arts (2 or 3 courses)	1 unit
Computer Science (1 course)	½ unit
Health (1 course)	½ unit
Physical Education (4 years)	2 units
Electives and Other Requirements	<u>3 units</u>
<u>TOTAL 25 units</u>	

*** PLEASE NOTE:** New York State requires **three (3) units of Science** taken in high school. The school requirement of ½ unit of Computer Science counts toward this 3-unit total. Students may use up to one (1) full unit of Computer Science toward fulfilling the required three (3) units of Science. These courses may be **any courses in the Computer Science** department or the **Art** courses that also fulfill the Computer Science requirement: **Art 2000, 2810, 2830, 2900, 2930, and 2940**. Business and Music computer classes **do not** fulfill the Science requirement.

Students register for the following courses as determined by their year level:

1. Present **Juniors** registering for **SENIOR** year: 6 credits minimum

Religion	(1/2 unit: two half-year courses)
English	(1 unit: one or two courses)
Social Studies	(1 unit: one or two courses)
Physical Education	(1/2 unit: one or two courses)
Electives and Other Requirements	(3 units)

2. Present **Sophomores** registering for **JUNIOR** year: 6 credits minimum

Religion	(1/2 unit: two courses or Service)
English	(1 unit: one course)
Social Studies	(1 unit: one course)
Math	(1 unit: one course)
Science	(1 unit: one or two courses)
Physical Education	(1/2 unit: one or two courses)
Electives and Other Requirements	(1 unit)

PLEASE NOTE: Current Sophomores and Juniors should keep in mind that they must complete the Health course and a course in Computer Science sometime during Junior or Senior year. These two courses are taken as part of the total of the four (4) units in electives students are allotted during their Junior and Senior years. The remaining three (3) units are used to complete any other requirements.

3. Present 9th-graders registering for SOPHOMORE year: 6.5 credits minimum

Religion	(1/2 unit: one course)
English	(1 unit: one course)
Social Studies	(1 unit: one course)
Math	(1 unit: one course)
Foreign Language	(1 unit: one course)
Science	(1 unit: one course)
Physical Education	(1/2 unit: one course)
Art or Music	(1/2 unit: one course)

Chart of Core Course Requirements

	Grade 9 (Freshman)	Grade 10 (Sophomore)	Grade 11 (Junior)	Grade 12 (Senior)
English	1 credit	1 credit	1 credit	1 credit
Social Studies	1 credit	1 credit	1 credit	1 credit
Religion	.5 credit	.5 credit	.5 credit	.5 credit
Physical Education	.5 credit	.5 credit	.5 credit	.5 credit
Math	1 credit	1 credit	1 credit	Not Required
Foreign Language	1 credit	1 credit	Not Required	
Science	1 credit	1 credit	1 credit	
Art or Music	.5 credit	.5 credit	Not Required	
Health	N/A		.5 credit	
Computer Science	N/A		.5 credit	

PLEASE NOTE: All students must take three (3) units of Science in high school. Up to one unit of Computer Science, including **Art 2000, 2810, 2830, 2900, 2930, and 2940** may be counted toward this 3-unit total.

B. Competency Requirements

In addition to the core course requirements (listed above), students must demonstrate a minimum level of competency in five different areas. Students demonstrate competency by earning at least 65% on the appropriate Regents exams. The required exams are as follows:

- English
- Global History
- Math
- Science
- U.S. History and Government

IMPORTANT: Although a score of 65% meets the New York State standard for passing, such a score is below the school's passing grade of 75%. Regents exams serve as final exams for many courses, and may contribute up to 10% of a student's final grade in a course. Some colleges use Regents exam scores for determining admission and placement. Therefore, students are encouraged to strive toward attaining their highest possible grade on each Regents exam they take.

DIPLOMAS

Depending on scores on Regents exams and the courses taken, students may receive one of the following two types of diplomas. The requirements for each are listed below.

St. Francis Prep Diploma with Regents Endorsement

- A. All core requirements listed above
- B. Score at least 65% on all five required Regents exams

*** All students must earn at least 65% on the five (5) required Regents exams.**

St. Francis Prep Diploma with Advanced Regents Endorsement

- A. All core requirements listed above
- B. Score at least 65% on the five required Regents exams
- C. Students must score at least 65% on these additional Regents exams:
 - Comprehensive World Language Regents*
 - Two additional Math Regents exams; altogether, students must pass 3 Math Regents exams: Integrated Algebra 1, Geometry, and Algebra 2
 - A second Science Regents – one **must** be in **Biology** (Living Environment), the other in Earth Science, Chemistry, or Physics

* Students who pursue a qualified 5-unit sequence in Art or Music may substitute that sequence for the World Language requirement. Check with the Art or Music chairperson for details.

As you select your courses and plan for future years, it is essential that you speak with your parents, teachers, and counselors to select the most appropriate classes. Realize that the type of diploma you receive is dependent upon the courses you take and your scores on Regents exams. It is always the best course of action to take the most appropriately challenging course work.

Regents examination grades are very important for the following reasons:

- they are part of the student's course average;
- they appear on the student's transcript;
- they may fulfill specified competency requirements for the local St. Francis Prep diploma; and,
- SUNY, CUNY, and some private colleges use the Regents examination grades when making certain admissions and course placement decisions.

IMPORTANT: If you take and pass any Regents exams before attending St. Francis Prep, be sure to forward the grade to the school. Check with the Registrar's Office to make sure we have a record of the grade.

ACHIEVEMENT, ABILITY, AND INTERESTS

After you have chosen the core courses that you must take for a local St. Francis Prep diploma, you have the opportunity to choose various electives. An elective program allows you to broaden your achievement, develop your abilities, and pursue your interests. It can constitute an important part of a foundation for future college study and career development.

It is important to be realistic in evaluating your achievement and ability. Your teachers and parents can be particularly helpful. What is your grade point average? What is your average in a particular subject area? What are your standardized test scores (SAT I Reasoning Test, SAT II Subject tests, Junior PSAT scores, etc.)? Choose courses for which you are qualified that will be challenging but not overwhelming.

Another important factor to consider when choosing elective courses is your area of interest. What program(s) of study and career paths do you hope to pursue after you graduate? The Career Center has many resources that can help you understand your own temperament and interests and the world of work. The following outline may be used as a guide. If you have particular needs that may modify these recommendations, speak with your parents, teachers, and counselor.

COLLEGE INFORMATION

It is important to research the colleges to which you expect to apply. What are the minimum requirements for admission? How competitive are the colleges and programs to which you expect to apply? What programs do they offer? What are the costs? This information is available on the web sites of individual colleges. There are various resource materials available to you in the [College Office](#) (N-201), [Counseling Center](#) (W-101), or counselors' offices. The guidance department is ready to assist you with the college application process.

Juniors and Seniors (and their parents) are encouraged to attend the various conferences during the [school year](#). These include the College Fair, College Information Nights, Alumni Day, and Financial Aid Night.

These sessions give students and their parents the opportunity to receive information from college representatives, officials, and students who have first-hand experience with the various schools. Watch the announcements for a listing of particular college reps visiting St. Francis Prep on specified days.

In preparing for college, the most important prerequisite is to be realistic. You may have a dream college in mind, but you must also be sure that you have additional college choices that are realistic in terms of your high school background and marks.

Try to narrow down your college choices. College applications are expensive; if you are realistic, you will be able to apply to at least one college to which you know you will be accepted. Check your grades and your SAT scores against those required by the college of your choice and act accordingly.

Honors courses and Advanced Placement courses are very important if you hope to be accepted in any of the more prestigious or competitive colleges. The quality of your courses and the grades you receive in them very often determine whether you will be accepted.

All of this and other pertinent information is available on the [Guidance Department page on the school's website](#).

ART

Our objective is to foster the growth of all students in sensitivity, skill, and appreciation of the arts while developing perception, personal insight, and conceptual thinking. The Art Department provides a sequential program of instruction which integrates the four disciplines of art, art production, art history, and art criticism and aesthetics while fulfilling National and State standards. Each student is given the fundamentals to enjoy the art experience and an opportunity to develop on a more advanced level, either for self-fulfillment or to prepare and qualify for admission to a recognized art program in college.

The different Art courses of study from 9th grade through senior year are based on a series of prerequisites. Our strong Fine Arts foundation can be applied to all individual art majors. Saint Francis Prep meets the needs of our students by presenting a wide array of courses providing insight to possible Art career choices.

The **New York State 1-unit requirement** for high school graduation is fulfilled by the end of 10th grade.

9th grade:

Studio in Art I **AND** Introduction to Music (1/4 unit and 1/2 year each)

OR

Advanced Studio in Art I (1/2 unit; full year)

OR

Introduction to Performing Arts (1/2 unit; full year)

10th grade:

Choice of five sophomore art courses: (1/2 unit; full year)

Art II: Studio in Fine Arts

Art II: Digital Media Design

Art II: Studio in Performing Arts

Art II: Fine Art and Digital Design Honors

Two Dimensional Design for Sophomores (Z Period)

FINE ARTS MAJOR

ART REGENTS CREDIT - After a student has completed the school's Fine Arts requirement, a Fine Arts major with NYS Regents accreditation is available to students who fulfill a **five-unit** sequence in the Fine Arts. Students must satisfy the Regents requirement of an examination (locally designed) and portfolio presentation upon completion of their senior year.

Sophomore and Junior students interested in a Fine Arts major should meet with [Mrs. Buccino](#), Chairperson of the Art Department, for course advisement (Room W314).

Possible ART MAJORS with Regents accreditation are as follows:

NINTH-GRADERS GOING INTO SOPHOMORE YEAR - ART COURSE SELECTION -

PRE-REGISTRATION - You MUST [fill out this form](#) for ART Pre-Approval or you will be REMOVED from art courses.

SOPHOMORES AND JUNIORS - ART COURSE SELECTION - PRE-REGISTRATION - You MUST [fill out this form](#) for ART Pre-Approval or you will be REMOVED from art courses. This form is for all current Sophomore and Junior Students.

****COURSE SELECTION PRESENTATION [ATTACHED HERE](#)**
PRESENTATION WITH DETAILED COURSE DESCRIPTIONS AND REQUIREMENTS ATTACHED.

2020-2021 VIRTUAL ART SHOW: [click here to view](#)

AREA OF INTEREST and RECOMMENDED COURSES

Fine Arts (traditional Visual Arts)

- Gr. 10: Art II: Studio in Fine Arts 2720 (or) Art II: Fine Art and Digital Design Honors 2760. Qualified students may also take Two-Dimensional Design (Z Period) 2094.
- Gr. 11: Two-Dimensional Design 2790 (2090), Drawing 2750, Life Drawing 2770, Painting 2800, Advanced Drawing and Painting (Honors) 2950
- Gr. 12: Sculptural Design 2880, Computer Graphics 2930, Digital Photography 2840, AP Art History 2826, Advanced Drawing and Painting (Honors) 2950

Graphic Design (Editorial, Advertising, Package, Logo Design)

- Gr. 10: Gr. 10: Art II: Studio in Fine Arts 2720 (or) Art II: Fine Art and Digital Design Honors 2760 (or) Art II: Digital Media Design 2725, Qualified students may also take Two-Dimensional Design (Z Period) 2094.
- Gr. 11: Two Dimensional Design 2790 (2090), Graphic Design 2810, Computer Graphics 2930, Digital Photography 2840, Drawing 2750
- Gr. 12: Web Page Design 2940, AP Art History 2826

Fashion Design and Illustration

- Gr. 10: Sophomore Studio in Fine Arts 2720 (or) Art II: Fine Art and Digital Design Honors 2760 (or) Art II Digital Media Design 2725. Qualified students may also take Two-Dimensional Design (Z - Period) 2094.
- Gr. 11: Two Dimensional Design 2790 (2090), Life Drawing 2770, Fashion Design 2890, Drawing 2750, Advanced Drawing and Painting (Honors) 2950
- Gr. 12: Sculptural Design 2880, Computer Graphics 2930, Digital Photography 2780, Painting 2800, AP Art History 2826, Advanced Drawing and Painting (Honors) 2950

Architecture (various Engineering fields, Industrial, Transportation, Interior, Environmental, Stage Design)

- Gr. 10: Art II: Studio in Fine Arts 2720 (or) Art II: Fine Art and Digital Design Honors 2760 (or) Art II: Digital Media Design 2725. Qualified students may also take Two-Dimensional Design (Z

Period) 2094.

- Gr. 11: Two Dimensional Design 2790 (2090), Mechanical/Architectural Drawing 2060, CAD 2000 (Z Period), CAD 2900, Sculptural Design 2880
- Gr. 12: Drawing 2750 or Life Drawing 2770, Advanced Digital Design 2830, Computer Graphics 2930, AP Art History 2826

Entertainment Media (Digital Photography, Video, Film, Animation)

- Gr. 10: Art II: Studio in Fine Arts 2720 (or) Art II: Fine Art and Digital Design Honors 2760 (or) Art II: Digital Media Design 2725. Qualified students may also take Two-Dimensional Design (Z Period) 2094.
- Gr. 11: Two Dimensional Design 2790 (2090), Drawing 2750 or Life Drawing 2770, Computer Graphics 2930, Digital Photography 2780, Advanced Drawing and Painting (Honors) 2950, Media Studies 2985
- Gr. 12: CAD 2000 (Z Period), CAD 2900, Sculptural Design 2880, Advanced Digital Design 2830, AP Art History 2826, Advanced Drawing and Painting (Honors) 2950, Film and Animation 2995

Digital Media (Computer Graphics, 3D Modeling and 3D Animation)

- Gr. 10: Art II: Fine Art and Digital Design Honors 2760 (or) Art II: Digital Media Design 2725. Qualified students may also take Two-Dimensional Design (Z Period) 2094.
- Gr. 11: Two Dimensional Design 2790 (2090), Drawing 2750 or Life Drawing 2770, Computer Graphics 2930, CAD 2000 (2900), Sculptural Design 2880, Advanced Drawing and Painting (Honors) 2950, Gr. 12: Advanced Digital Design 2830, AP Art History 2826, Advanced Drawing and Painting (Honors) 2950, Film and Animation 2995

Performing and Theater Arts

- Gr. 9: Freshman Introduction to Performing Arts 2690
- Gr. 10: Sophomore Studio in Performing Arts 2740
- Gr. 11: Movement 2070, Acting 2980, Theater Design and Production 2920,
- Gr. 12: Advanced Dance Technique 2080, Film and Animation 2995
, AP Art History 2826, Media Studies 2985

CERTIFICATE OF ADVANCED STUDY IN ART

The Certificate of Advanced Study in Art is awarded by the Art Department of St. Francis Prep upon completion of the following requirements; Students receive the award in their Senior year.

- A. The student has completed the A.P. Art History course.
- B. The student has fulfilled a five-unit sequence in art.
- C. The student has completed two art computer classes. The classes include two of the following, Web Page Design, CAD, Computer Graphics, Advanced Digital Design, Film and Video, and Digital Photography, and Graphic Design.

- D. The student has a cumulative art average of 95%. To achieve the award, the lowest possible grade for an art course is 90%.
- E. The student has completed an outside art class in his or her area of study.
- F. The student is an active member of the National Art Honor Society and completed all service hours.
- G. The student must be in good standing with the Art Department, as determined by the Art Department Faculty.
- H. Seniors applying for the certificate must complete a departmental application and meet all deadlines. Applications can be picked up in the Art Department starting March 1st and must be returned by April 1st. Applications will be available in March via Google Form Link.

FRESHMAN COURSE OFFERINGS

ART 2700

Advanced Studio in Art I Honors

A two-semester course

Art 2700 requires departmental approval.

This class offers a more advanced basic curriculum in art concepts and techniques for those 9th-graders who have a strong background in art and are possibly interested in pursuing a **five-unit Regents** sequence in art. Students experience a variety of materials and mediums that take them from representational to more abstract expressions. Students learn about the lives of various artists and discover the sources of their inspiration. All projects are based on the Elements of Art: Line, Shape, Value, Color, Form, Space, Texture.

*Please fill out the following application to be considered for the Art Honors class in September 2022. The Saint Francis Prep Art faculty will review your portfolio work and application. Please email Mrs. Buccino, jbuccino@stfrancisprep.org, for further portfolio instructions. [Click here for application](#).

ART 2710

Studio in Art I

A one-semester course

This class is designed with the individual student's talent in mind. Students explore fine arts while learning to appreciate and respect the varied talents of other students and artists. The course introduces the elements of art through a series of creative and conceptual tactile projects. Students use a variety of artistic media, materials, and techniques in two- and three-dimensional formats.

ART 2690

9th-grade Introduction to Performing Arts

A two-semester course

This course is an introduction to the Performing Arts. It is open to all types of performing artists by audition. This class is for the student who has a strong interest in learning the art of Acting. The students explore improvisation, character development and scene work, playwriting, mask making, and stage work. The class helps to build confidence and improve speaking skills.

Please fill out the following application to be considered for the PERFORMING ARTS OR DANCE class for September 2022. The Saint Francis Prep Art faculty will review your audition clip and application. Please email Mrs. Buccino, jbuccino@stfrancisprep.org for further questions. [Click here for application](#).

SOPHOMORE COURSE OFFERINGS

ART 2094

Two-Dimensional Design for Sophomores, Honors

A two-semester course

Art 2094 requires departmental approval.

This class meets every Monday, Wednesday, and Friday from 7:45AM to 8:25 a.m. (Z Period). Students must be interviewed by Mrs. Buccino. A portfolio and grade review must be submitted. Two-Dimensional Design is in addition to Sophomore Fine Arts, Sophomore Media Design , Sophomore Honors, or Sophomore Performing Arts . This course gives the student a working knowledge of two-dimensional composition in a variety of mediums as applicable to the admissions requirements of all Visual and Performing Arts Bachelor programs. Students are required to purchase a variety of basic art materials and tools.

All students applying for Two Dimensional Design are required to fill out the [Google Form contract](#).

ART 2720

ART II: Studio in Fine Arts

A two-semester course

Art 2720 requires departmental approval.

This course is a continuation of the Studio in Art I course with a concentration in the traditional Fine Arts areas of drawing, sculpture, painting, and printmaking in an Art Historical context. Students build on their knowledge of the Elements of Art and continue with the Principles of Design. Students continue to use a variety of artistic media, materials, and techniques in two- and three-dimensional formats.

ART 2725

ART II: Digital Media Design

A two-semester course

Art 2725 requires departmental approval.

This one-year half-credit class is for sophomore students interested in digital media arts. The class incorporates traditional art mediums; the focus is on art practices that have flourished in the twenty-first century. Students explore filmmaking, animation, fashion design, video game design, comic book arts, product design, merchandising, logo design, architecture, digital arts, and advertising. This course incorporates hands-on drawing and design skills. Students sketch and paint with physical art materials. It also focuses on the use of computer and digital camera technology for the creation of digital print and online media and serves as a general introduction to the field of computer art and design, one of the most employable fields in the modern economy.

ART 2740

ART II: Studio in Performing Arts

A two-semester course

Art 2740 requires departmental approval.

Interested in Acting for Film, Television, and Commercials for fun or professionally? This course will introduce you to Acting on camera. Students learn how to act in front of the camera, direct actors, and produce their own work on camera work through various film-based projects. The course includes improvisation, screenwriting, character development, and Theater history.

ART 2760

Art II: Fine Art and Digital Design Honors

A two-semester course

Art 2760 requires departmental approval.

This class is a continuation of the 9th-grade Art Honors course. It includes a combination of Fine Arts and Commercial Arts. The course has a concentration in the fine art areas of drawing, illustration, drawing from life, painting, and sculpture. Students are exposed to Digital Design Topics may include digital photography, animation, photo manipulation, and graphic design. Students meet in the Computer Graphics Mac lab and in the drawing studio. They are introduced to Adobe Photoshop CC and the Adobe APPS. Students are exposed to a variety of drawing techniques and styles to broaden their artistry and observational drawing skills. This class is a sampler of both Digital and Fine Arts in which a variety of topics for both arts are covered throughout the year.

Z PERIOD ADVANCED ART ELECTIVES: (7:45 – 8:25 a.m.)

ART 2000 (Z PERIOD)

CAD (Computer Aided Drafting)

A one-semester course open to juniors and seniors who have taken or are registered for Art 2790 (2090) or Art 2060.

Art 2000 requires departmental approval.

This class is an introduction course to the computer software program MAYA®. Students learn how to use pen tablets and MAYA® to create three-dimensional models of interior building spaces, buildings, and other structures. Students learn valuable three-dimensional design skills and knowledge that can be applied to Architecture, 3D Animation, Automotive Design, Fashion Design, Industrial Design, Interior Design, Video Game Design, Film FX, Film and Video, and Sculpture. Students leave this class with artwork for college admission portfolios and get valuable experience that no other local high school offers. The course places them a step ahead of other students when entering college.

- * The course fulfills the 1/2 unit computer science requirement for graduation.

- * The course fulfills ½ unit towards the third year of science.

ART 2060 (Z PERIOD)

Mechanical and Architectural Drawing

A one-semester course open to juniors and seniors, including non-art majors.

Art 2060 requires departmental approval and has **no prerequisites**.

This is a developmental course in mechanical drawing leading to sophisticated architectural drafting. Students develop a portfolio applicable toward various college degree programs in Architecture, Engineering, and Interior, Environmental, Industrial, and Theater Design, with projects that stress both the technical and conceptual. Students learn how to draft and use mechanical drafting tools. They learn about scale, design process, floor plans, elevations, and renderings.

ART 2070 (Z Period)

Movement for Performers

A one-semester course

Art 2070 is open to 9th-graders, sophomores, juniors, and seniors.

Art 2070 requires departmental approval.

Art 2070 does not fulfill the Fine Arts graduation requirement.

Students learn a variety of dance techniques, from contemporary and lyrical to jazz and musical theater. Students will improve their technique and learn how to express themselves through different approaches to dance. They also learn preventive dance injury, choreography, and cultural dance through various projects and lessons. The class meets for two quarters ending in a staged performance of student works. One week of rehearsal after school is required leading up to the performance.

Please fill out the following application to be considered for the PERFORMING ARTS OR DANCE class in September 2022. The Saint Francis Prep Art faculty will review your audition clip and application. Please email Mrs. Buccino, jbuccino@stfrancisprep.orgsfponline.org, for further questions. [Click here for application.](#)

ART 2080 (Z Period)

Advanced Dance technique

A one-semester course

Art 2080 is open to sophomores, juniors, and seniors who have taken **Art 2070**.

Art 2080 does not fulfill the Fine Arts graduation requirement, and it requires approval through an audition.

Through more focused and intense movement sessions, students will achieve higher technique and performance levels. This class advances the students' anatomical understanding. Dance composition and choreography studies enhance students' ability to analyze and evaluate their own performance. Requirements include a field trip to a professional performance allowing for student evaluation and appreciation, a dance critique, and **mandatory** participation in the Spring Arts Festival.

ART 2090 (Z period)

Two-Dimensional Design

See Art 2790 for description and requirements.

All students applying for Two Dimensional Design are required to fill out the [Google Form contract](#):

ART 2095 (Z period)

Yearbook

A two-semester class open to juniors and seniors.

Art 2095 requires approval by Ms. Glynn.

Yearbook is a hands-on course designed to teach students digital design, journalism, and teamwork. Throughout the year, the class works together to create the 250+ pages of our school's yearbook, documenting each memory for a lifetime. This opportunity is open to both juniors and seniors and challenges students to take on leadership roles and great responsibility.

ART 2960 (Z period)

Glass Fusion and Jewelry Design

A one-semester course open to juniors and seniors, including non-art majors.

Art 2960 requires departmental approval and has **no prerequisites**.

Glass fusing is an exciting and liberating art that enables artists to create glass designs by fusing compatible glass pieces in a kiln. In this class, students have the opportunity to learn the basics of glass fusing, glass compatibility, design processes, and glass cutting skills. Guided projects introduce students to basic jewelry making and glass sculpture techniques. They learn to design and produce their own creations, making earrings, rings, pendants, bowls, and other glass sculptures. Students create multiple glass sheet paintings and sculptures.

JUNIOR and SENIOR YEAR ADVANCED ART ELECTIVES

ART 2750

Drawing I

A one-semester course

Art 2750 is open to juniors and seniors who are registered for or have taken **Art 2094, 2790, or 2090**.

Art 2750 requires departmental approval.

This class is an introduction to the materials and techniques of drawing. In this course, the students learn what constitutes good design. The key to drawing is study and observation. The students study various textures, including wood, metal, cardboard, glass, plastic, and fabric. They draw organic and geometric shapes. The students observe light and how it reflects off various surfaces. The class learns different techniques, including cross hatching, shading, blending, and erasing. Students use a variety of materials, including pencil, charcoal, conte crayon, pen and ink, colored pencils, pastels, and various selections of papers.

ART 2770

Drawing From Life, Honors

A one-semester course open to juniors and seniors who have taken or are registered for Art **2094, 2790 (2090)**.

Art 2770 requires departmental approval.

The figure drawings from life completed in this course enhance a student's portfolio for all possible Visual Arts College admissions requirements. Projects include traditional Fine Arts assignments, such as anatomy from the muscular and skeletal systems, foreshortening, and observational drawing of models

and portraiture in pencil, charcoal, chalk, pastel, colored pencil, collage, and colored pencil. Students are exposed to a variety of drawing techniques and styles to broaden their artistry and observational drawing skills.

ART 2780

Digital Photography

A one-semester course open to juniors and seniors who have taken or are registered for **Art 2094, 2790, or 2090**.

Art 2780 requires departmental approval.

This course explores the creation of art through digital photography. The use and care of digital photographic equipment is covered. Students learn about the digital camera body and photographic techniques. Through classroom presentations, field trips, historical studies, and experimental techniques, students learn how to compose, shoot, digitally manipulate (using the **Adobe Photoshop Creative Cloud®** software program), and digitally print their own photographs. Students have the opportunity to print using traditional darkroom techniques. Students learn how to develop in a dark room and shoot with a pinhole camera. Digital SLR cameras are available for loan for the semester. Each student creates a final digital portfolio and photographers web page.

ART 2790

Two-Dimensional Design

A one-semester course open to juniors and seniors.

Art 2790 requires departmental approval.

This course gives the student a working knowledge of two-dimensional composition in a variety of mediums as applicable to admissions requirements for all Visual and Performing Arts Bachelor programs. Students are required to purchase a variety of basic art materials and tools.

All students applying for Two Dimensional Design are required to fill out the [Google Form contract](#).

ART 2800

Painting

A one-semester course open to juniors and seniors who have taken or are registered for **Art 2094, 2790, or 2090**.

Art 2800 requires departmental approval.

This course is an introduction to the materials and techniques of oil painting. The purpose of this course is to learn the basics of color mixing and painting from observation. In this class, students will learn about the different types of brushes and their applications, how to use a palette and palette knife, and about some of the different surfaces on which to paint: canvas board, canvas sheets, stretched canvas, and masonite (wood) panels. Finished paintings provide students with portfolio pieces for college admissions portfolio requirements.

ART 2810

Graphic Design

A one-semester course open to juniors and seniors who have taken or are registered for **Art 2094,2790, or 2090.**

Art 2810 requires departmental approval

This course emphasizes creative and technical ability in graphics, typography concept and design, and layout techniques. Projects relate to the field of advertising and editorial design, such as typographic design, logotypes, posters, packaging graphics, and corporate identity programs in traditional and digital media. Students use Adobe: InDesign CC and the use of Adobe: Photoshop CC and Adobe: Illustrator CC.

- * The course fulfills the 1/2 unit computer science requirement for graduation.

- * The course fulfills ½ unit towards the third year of science.

ART 2826

Advanced Placement Art History (Honors)

A two-semester course open to seniors, including non-art students.

Art 2826 requires departmental approval from Ms. Shmerykowsky

This survey in Art History explores the various historical movements in art, architecture, and the applied arts from primitive times to the present. Class time will be divided among presentations, film and documentary viewing, lectures, discussion, and field trips to various NYC fine arts museums. The Advanced Placement Exam will be offered at the conclusion of the course. Students must be invited to take the Advanced Placement Art History (Honors) class by their current art teacher. Invitations are based on skill level and grade performance.

For students fulfilling three credits in Art, this course may be used as a substitute for the senior Social Studies requirement.

[Application for AP Art History.](#)

ART 2830

Advanced Digital Design

A one-semester course open to juniors and seniors who have taken or are taking **Art 2094,2790, 2090 and one of the listed digital art computer classes: 2810, 2000, 2900, 2930, 2940, or 2995**

Art 2830 requires departmental approval

In this course, students will learn various facets of making digital artwork. Character design in this class will be focused on digital construction, whether 3D or simply using digital platforms like Procreate. Students will learn the basics of 3D animation using Maya, a program used by industry professionals like Disney, Pixar, Electronic Arts (EA Games and EA Sports), DreamWorks Animation, Sony Pictures, The History Channel and many more. Students also learn how to combine classic 2D mediums like painting and graphic novel creation in a 3D environment. Students continue to learn 3D modeling and animation; they learn advanced techniques and methods to design 3D virtual models and create short animations. Students leave this class with artwork for college admission portfolios. The class places them a step ahead of other students when entering college.

- * The course fulfills the 1/2 unit computer science requirement for graduation.

- * The course fulfills ½ unit towards the third year of science.

ART 2880

Sculptural Design

A one-semester course open to juniors and seniors, including non-art majors.

Art 2880 requires departmental approval and has **no prerequisites**.

Students learn how to apply fundamental elements and principles of art using three-dimensional mediums. In this class, students learn classical sculptural methods and techniques using materials such as clay, wood, found art objects, and wire. Students study artists throughout history and learn from sculptors that have survived the test of time. This is a hands-on class that will benefit any student who is interested in continuing art education in the future, especially students interested in Architecture, Industrial Design, Fashion Design, Animation, 3-D animation, and Stage Design. Students leave this class with artwork that strengthens and adds variety to College Admissions portfolios.

ART 2890

Fashion Design

A one-semester course open to juniors and seniors who have taken or are registered for **Art 2094, 2790, or 2090**.

Art 2890 requires departmental approval.

This course is highly diversified. Students interpret design in a variety of ways including principles of design and elements of art to compose works based on a yearly project and theme. The class works on fashion illustration and includes the fundamentals of sewing, fashion history, and fashion styling. The class focuses on fashion as an art form, with some attention to fashion as an industry. Students create several fashion lines, participate in a photo shoot, and complete conceptual projects before ultimately creating 2-3 designs that are showcased in their **mandatory** participation in the Spring Arts Festival Fashion Show. Students create projects for a portfolio into top fashion schools.

ART 2900

CAD (Computer Aided Drafting)

A one-semester course open to juniors and seniors who have taken or are registered for **Art 2094, 2790, 2090, or 2060**.

Art 2900 requires departmental approval.

This class is an introduction course to the computer software program MAYA®. Students learn how to use pen tablets and MAYA® to create three-dimensional models of interior building spaces, buildings, and other structures. Students learn valuable three-dimensional design skills and knowledge that can be applied to Architecture, 3D Animation, Automotive Design, Fashion Design, Industrial Design, Interior Design, Video Game Design, Film FX, Film and Video, and Sculpture. Students leave this class with artwork for college admission portfolios and get valuable experience that no other local high school offers. The course places them a step ahead of other students when entering college.

- * The course fulfills the ½ unit computer science requirement for graduation.

- * The course fulfills ½ unit towards the third year of science.

ART 2920

Theater Design and Production

A one-semester course open to juniors or seniors

Art 2920 requires departmental approval.

The stage is set, the curtain is going up, the Actors are in place, and the creative team is ready to begin the show. In this advanced art elective, students learn how to run and produce two main stage productions with the Alvernian Drama Society under the guidance and direction of Ms. Mejia. They experience a hands-on approach in the roles of Stage Manager, Assistant Director, Back Stage Manager, Costume, Prop, and Makeup design. Projects include creating a Stage Management Book, which can be used as part of a portfolio review for College. Requirements include after school technical rehearsals before each show. **This course has mandatory participation in the Fall or Spring Art dept. stage productions, including the Spring Musical and the Spring Arts Festival.**

ART 2930

Computer Graphics

A one-semester course open to juniors and seniors who have taken or are registered for **Art 2094, 2790, or 2090.**

Art 2930 requires departmental approval.

The course deals with the classic issues of art through the contemporary medium of computer graphics. Students learn how to utilize Adobe Creative Cloud® software programs to create computer-generated images for both fine and commercial art applications. Previous computer skills are not required.

- * The course fulfills the 1/2 unit computer science requirement for graduation.
- * The course fulfills ½ unit towards the third year of science.

ART 2940

Web Page Design

A one-semester course open to juniors and seniors who have taken or are taking **Art 2094, 2790, or 2090).**

Art 2940 requires departmental approval.

This course is designed to provide a basic instruction in Web Page design introducing both coding languages and design skills. Students will learn about responsive design, user interface, user experience, as well as front-end and basic back-end development. The course will also introduce app design. No prior knowledge of coding is required. Students are expected to invest time outside of class to complete assignments and projects.

- * The course fulfills the 1/2 unit computer science requirement for graduation.
- * The course fulfills ½ unit towards the third year of science.

ART 2950 (X period)

Advanced Drawing and Painting, Honors

A two-semester course open to juniors and seniors who have taken or are taking **Art 2094, 2790, or 2090 and two of the following classes: Art 2750, 2770, 2800, 2840, 2870.**

Art 2906 requires departmental approval.

Advanced Drawing and Painting is an in-depth course in the visual arts. It is designed for students who are seriously interested in the practical experience of Art. Students work one day after school and independently. With the guidance of the supervising teacher, students focus on art school portfolios. Numerous art school admission counselors visit this class to review and critique student artwork. College guidance and portfolio preparation is fostered. Students focus on drawing skills in the fall and painting in the spring. Second year students have the opportunity to use creative mediums including collage, fluid acrylics, and glass fusion. They partake in several field trips throughout the school year. Advanced art students brand their artwork with a personal logo, artist's web page, digital portfolio, display case, and artists table at the Spring Arts Festival. The Advanced Drawing and Painting class meets Wednesdays from 2:45 p.m.-5:45 p.m. Students must be invited to take the Advanced Drawing and painting class by their current art teacher. Invitations are based on skill level and grade performance.

ART 2970

Ceramic Design

A one-semester course open to juniors and seniors, including non-art majors.

Art 2970 requires departmental approval and has **no prerequisites.**

Ceramics is a course in which students explore a broad range of techniques and approaches to art through hand-built designs and clay. Students learn to approach ceramic artwork as both functional and decorative sculptural objects. Development of technical skills and artistic vocabulary include scoring, slipping, hand-building (slab, coil, and pinch techniques), wheel-throwing, bisque firing, painting, and glazing and the endless alternative possibilities involved with clay. Students are introduced to glass fusion and jewelry design.

Ceramic Design: Students must fill out [this Pre-Registration Form](#) for approval.

ART 2980

Acting

A one-semester course open to juniors and seniors.

Art 2980 requires departmental approval and has **no prerequisites.**

Acting is an advanced art elective and one semester course open to juniors and seniors.

This course is for students who are interested in learning stage acting, building confidence, improving speaking skills.,The course will focus on developing character and technique for stage work and college auditions. This class is also for the student pursuing public speaking in various professions and fine tuning skills for the speech and debate team. Students express themselves creatively through Improvisation and group presentations. The class works together to write and perform a class play for end-of-semester performance. Requirements include one week of after school rehearsals leading up to the Final Performance.

ART 2985 (X Period)

Media Studies

A one-semester course.

Offered after school, two days per week.

Available to grades 9, 10, 11 and 12.

Interested students must be pre-approved. Email Mr. DeBenedittis for more information:

pdebenedittis@stfrancisprep.org

This interdisciplinary course is an overview of Media Studies. We will cover three main areas in parallel during the course: Video Production, with hands-on training and experience through SFP TV; Culture, Communication, and Media Literacy, in which we'll explore the relationship between media and society and the role of media in our own lives; and a Survey of the Media Industry (production, distribution, journalism, advertising, PR, media law, etc.) to inform students' potential career aspirations in the media industry and their college search. Whether or not you choose to pursue a future "making" media, you will be better equipped to consume media responsibly, as informed, critical thinkers.

ART 2995

Film and Animation

A two-semester course open to juniors and seniors, including non-art majors.

Art 2995 requires departmental approval and has **no prerequisites**.

Please see [Mr. Biondolillo](#) in the art office to register.

This class is a full-year celebration of the art of moviemaking. Students learn introductory techniques of filmmaking and animation, the history of cinema, and the analysis of live action and animated films. After completing rudimentary assignments in both mediums, students specialize in either film or animation (or, for the ambitious student, both!), culminating in a completed movie. Each student will emerge with a portfolio consisting of a documentary film, stop motion film, screenplay, shot list, and storyboard. Film students have two additional editing projects and a short narrative film. Animation students have character design work, a walk cycle, transformation, and short animated film.

[Application for Film and Animation.](#)

BUSINESS

Because business is such an important aspect of American life, preparation for living and working in the business world is provided for all students. Basic courses are offered to develop knowledge, skills, habits, attitudes, and ideas that are necessary for a successful beginning and advancement in business. The purpose of electives in business is to provide an opportunity for students to form a basis for further study in college.

IMPORTANT: All Business courses **require** [pre-registration](#). Pre-register early because some classes have limited enrollment.

BUS 4440

Business Computer Applications

A one-semester course open to **seniors only**. [Pre-Registration is required.](#)

This course is designed to give students a basic working knowledge of several commonly used business applications in the Google Applications, including Docs, Sheets, and Slides. Students will become acquainted with the interrelationships between and among information, software programs, business activities, and business systems. This course will also include introductory keyboarding techniques, designed to develop alphabetic as well as numeric keyboarding skills needed for academic and business use. Students will increase their typing speed and accuracy by learning to type without looking at the keyboard.

PLEASE NOTE: This course fulfills the St. Francis Prep ½ unit computer requirement for graduation. It **does not** satisfy the State science requirement.

BUS 4460

Marketing

A one-semester course open to juniors and seniors. [Pre-Registration is required.](#)

This course is a general course in marketing theory and methods. Among the topics discussed are the importance of marketing, the interrelationship of the different phases of marketing, the differences between the marketing of goods and services, wholesaling, retailing, pricing strategies, analysis of markets, and distribution. The course will concentrate on Promotion and Advertising, Buying and Distribution, Market Research, and Product Planning.

BUS 4510

Personal Financial Literacy

A one-semester course open to juniors and seniors. [Pre-registration is required.](#)

This course is designed to teach students basic financial topics such as financial plans, bankruptcy, budgets, taxes, obtaining credit, applying for loans, and health insurance. The students will learn basic financial terms such as assets, liquidity, cash flows, opportunity costs, forecasts, income, fixed and variable expenses, bonds, and investments. It will also explore college readiness and different aspects of the economy.

BUS 4530

Introduction to Business Law

A one-semester course open to juniors and seniors. [**Pre-Registration is required.**](#)

This course is designed to teach students their rights and obligations in everyday business transactions and to provide students with a basic understanding of the law as a code of conduct for society. Students will study the major legal principles governing contracts, negligence, business crimes, product liability, and insurance. Students will be required to complete a final research project.

BUS 4590

Introduction to Accounting

A one-semester course open to juniors and seniors. [**Pre-Registration is required.**](#)

This course provides students with an introduction to basic accounting concepts and teaches students to manually proceed through the accounting cycle and prepare financial statements. The goal of this course is to give students basic accounting skills that can be utilized in real world, for-profit business situations. The importance of ethics and the impact of unethical accounting on the business world and the individual investor will be explored. A final comprehensive examination will be given at the conclusion of the course.

COMPUTER SCIENCE

The objective of the Computer Science program at St Francis Prep is to offer students the opportunity to explore and develop an understanding of Computers in the framework of electronics, development, and theory. The courses offered are **all introductory courses in the topics of computer science and require no prior knowledge**. All the courses offered by the department provide an opportunity for students to form a basis for further study in college.

PLEASE NOTE: All Computer Science classes fulfill the computer science graduation requirement. They may also be used to fulfill up to 1 unit of the 3 required credits in Science.

All Computer Science courses require [pre-registration](#). Pre-register early as some classes have limited enrollment.

Comp. Sc. 0030 (Z Period)

Introduction to Artificial Intelligence, Honors

A one-semester course open to juniors and seniors. **[Pre-Registration is required.](#)** This class runs in the **Fall Semester only**.

This course is an introduction to Artificial Intelligence, which is an integral part of the computer science curriculum. In this course, students will learn how theory and applications complement each other. Students will be introduced to the topics of Artificial Intelligence with a focus on terminology, theory, uses, and influence of Artificial Intelligence on modern problems. The course will reflect some of the modern questions around Artificial Intelligence and the perceptions of it in popular culture, modern problem solving, and current uses. The course will also discuss the ethical questions surrounding the use and manipulation of Intelligence in the environment of computer science. The classroom discussions will include lecture and video presentations about the perceptions and uses of Artificial Intelligence. In lieu of a final examination, a final portfolio assessment will count for 20% of the final grade

Comp. Sc. 0050 (Z Period)

Introduction to Java Programming, Honors

A one-semester course open to juniors and seniors. **[Pre-Registration is required.](#)** This class runs in the **Spring Semester only**.

The objective of this course is to introduce the basics of the Java programming language. Java classes are programmed to meet in the Computer Lab. Students are exposed to programming in both console applications and object-oriented windows programs, much like the popular software packages that exist today. Students will be instructed in program logic, design, and language constructs and required to participate actively in class. Assignments may require programming in the Computer Lab outside class time. A final portfolio assessment will count as 20% of the final grade. The student has the option to take this course for college credit from Pace University.

Comp. Sc. 0390

Introduction to Robotics

A one-semester course open to juniors and seniors. [**Pre-Registration is required.**](#)

The objective of this course is to introduce the basic concepts of robotic technology and to teach the logical skills needed in planning, designing, and building simple robotic devices. The course will use classroom sessions to teach concepts and will involve hands-on experience with robotic device kits and group projects. Logical thinking will be required in the planning and simulation sessions prior to actual robot construction. Students will be encouraged to deal with more advanced concepts. Students are expected to work independently to complete projects on time.

Comp. Sc. 0430

Principles of Computer Science

A one-semester course open to juniors and seniors. [**Pre-Registration is required.**](#)

Principles in Computer Science is an introductory course which explores the foundational concepts of computer science. As we enter the 21st century, the impact of computing reaches every corner of the world. Emphasis will focus on creative problem solving, real-world applications, and preparation for college and beyond. Topics will cover most of what computer science is today and covers topics found in the school's other departments. Computer science experience has become the most important tool for the workforce of tomorrow. While not an AP course, Principles in Computer Science will cover the topics described in the AP Computer Science Principles course. A final portfolio assessment will count as 20% of the final grade.

Comp. Sc. 0436

Advanced Placement Principles of Computer Science

A two-semester course open to juniors and seniors.

Comp. Sc. 0436 requires departmental approval. View course flyer [here](#).

A.P. Computer Science is a hybrid of the other course offerings in the department. The course will explore programming, principles, and other relevant topics in greater detail. The course is designed to be dynamic; as new technologies appear, the class will incorporate these topics. This class is for the student who is very interested in computer science. Interested students should see the chairperson of the Computer Science department for approval.

Comp. Sc. 0440

Video Game Coding

A one-semester course open to juniors and seniors. [**Pre-registration is required.**](#)

Video Game Coding is intended to serve as an introductory class for juniors and seniors to learn about the process of creating and coding your own video game. We will look at some games that the students may know to learn some design aspects that make those games successful. Through hands-on tutorials, guided lessons, and project-based learning, students learn to construct a basic 2D game using Game Maker Studio 2 and the GML Coding Language. The students study how to program a game from the art of the backgrounds, characters, and the underlying functions that players never see.

Comp. Sc. 0480

Introduction to C# Programming

A one-semester course open to juniors and seniors. [**Pre-Registration is required.**](#)

The objective of this course is to introduce the basics of the C# programming language. C# classes are programmed to meet in the Computer Lab. Students are exposed to programming in object-oriented windows programs, much like the popular software packages that exist today. Students will be instructed in program logic, design, and language constructs and will be required to participate actively in class. Assignments will require programming in the Computer Lab outside class time. A final portfolio assessment will count as 20% of the final grade.

ENGLISH

The English courses fulfill St. Francis Prep's mission as a college preparatory school by providing students with the essential skills vital for success in higher education: vocabulary and grammar development, reading comprehension, effective writing, literary analysis, and study techniques.

FRESHMAN COURSE OFFERINGS

Eng. 6100

English 9, Honors

A two-semester course

This course provides an intensive study of high school language-arts. The curriculum builds on the reading, writing, listening, and speaking skills which the students mastered in their grammar, junior high, middle, and intermediate schools. The major areas of concentration include introduction to literary genre and analysis, grammar and composition, vocabulary, and study skills.

Eng. 6100 requires departmental approval. Students enter this course based on their performances on the high school entrance examination.

Eng. 6120

English 9

A two-semester course

This course presents a study of high school language-arts. The curriculum builds on the reading, writing, listening, and speaking skills which the students studied in their grammar, junior high, middle, and intermediate schools. The major areas of concentration include introduction to literary genre and analysis, grammar and composition, vocabulary, and study skills.

This course is required of all freshmen, except those placed in English 9, Honors.

SOPHOMORE COURSE OFFERINGS

Eng. 6200

English 10, Honors

A two-semester course

This course provides an intensive continuation of the development of language-arts skills, reading comprehension, and literary analysis that began in English 9. Students are challenged by more advanced reading and writing assignments which mature their facility with language and with analyzing different literary genres. Although much of the literature of the curriculum is drawn from British authors, other national texts may be included. The curriculum also includes grammar, composition, vocabulary, and PSAT/SAT preparation.

Eng. 6200 requires departmental approval. Students enter this course based on their performance in freshman English. Students must achieve at least a 93% average, exhibit superior writing skills during the academic year and obtain the recommendation of their English 9 teacher to apply for departmental approval.

Students also may be required to perform well on an essay administered and graded by the English department.

Eng. 6220

English 10

A two-semester course

This course continues the development of language-arts skills, reading comprehension, and literary analysis that began in English 9. Students are challenged by more advanced reading and writing assignments which mature their facility with language and with analyzing different literary genres. Although much of the literature of the curriculum is drawn from British authors, other national texts may be included. The curriculum also includes grammar, composition, vocabulary, and PSAT/SAT preparation.

This course is required of all sophomores, except those students approved for English 10, Honors.

JUNIOR COURSE OFFERINGS

Eng. 6300

English 11, Honors

A two-semester course

As the junior honors class, this course is designed for advanced students who have exhibited a high degree of interest and accomplishment in their English studies at St. Francis during 9th and 10th grades. Students are challenged by more complex reading and writing assignments that increase their facility with language and with analyzing different literary genres. This course presents an intensive survey of American literature from its beginnings to the present. Through chronological and thematic approaches, students study the significant texts of the major areas of American literature: Puritanism, Romanticism, Transcendentalism, Realism, Modernism, and Postmodernism. Students focus on mastering their expository writing skills, especially the literary essay. The curriculum also includes grammar, vocabulary, and (P)SAT preparation. All junior students take the New York State Regents exam in June.

Eng. 6300 requires departmental approval. Students enter this course based on their performance in sophomore English. Students must achieve at least a 93% average, exhibit superior writing skills during the academic year, and obtain the recommendation of their English 10 teacher to apply for departmental approval. Students also may be required to perform well on an essay administered and graded by the English department.

Eng. 6306

Advanced Placement English in Language and Composition

A two-semester course

As the junior AP class, this course is designed for advanced students who have exhibited a superior degree of interest and accomplishment in their English studies at St. Francis during 9th and 10th grades. Students are challenged by highly complex reading and writing assignments which mature their facility with language and with analyzing different literary genres. This course presents an intensive survey of American literature from its beginnings to the present. Through chronological and thematic approaches, students study the significant texts of the major areas of American literature: Puritanism, Romanticism, Transcendentalism, Realism, Modernism, and Postmodernism. Students focus on mastering their expository writing skills, especially the literary essay. The curriculum also includes grammar,

vocabulary, and (P)SAT preparation. All junior students take the New York State Regents exam in June.

Eng. 6306 requires departmental approval. Students enter this course based on their performance in sophomore English. Students must achieve at least a 95% average, exhibit superior writing skills during the academic year, and obtain the recommendation of their English 10 teacher to apply for departmental approval. Students also may be required to perform well on an essay administered and graded by the English department.

PLEASE NOTE: Students in this course **must** sit for the Advanced Placement Examination in English Language and Composition. The course includes preparation for successful achievement on the exam. This preparation involves an immersion in the reading of challenging prose non-fiction and the writing of highly developed expository essays. This is the only way to take this AP Exam in English; students in other English courses may not sit for the exam.

Eng. 6320

English 11

A two-semester course

This course presents a survey of American literature from its beginnings to the present. Through chronological and thematic approaches, students study the significant texts of the major areas of American literature: Puritanism, Romanticism, Transcendentalism, Realism, Modernism, and Postmodernism. Students focus on mastering their expository writing skills, especially the literary essay. The curriculum also includes grammar, vocabulary, and PSAT/SAT preparation. All junior students take the New York State Regents exam in June.

This course is required of all juniors, except those students approved for Advanced Placement Language and Composition or English 11, Honors.

SENIOR YEAR OFFERINGS

Seniors are required to take one (1) unit in English. This requirement may be fulfilled by taking one full-year (two- semester) course OR two half-year (one-semester) courses. Students may **NOT** register for more than the one-unit requirement.

PLEASE NOTE: All students registering for senior English courses must list alternates. Scheduling conflicts may necessitate assigning students to alternate classes.

Full-Year Courses (Two-Semester Courses)

Eng. 6506

Advanced Placement English in Literature and Composition

A two-semester course

As the senior AP class, this course is designed for advanced students who have exhibited a superior degree of interest and accomplishment in their English studies at St. Francis. A.P. English focuses on the analysis of poetry, fiction, and drama from the Western canon. In addition to participating in intelligent class discussion, students are required to respond to complex essay questions that ask them to connect style and meaning. Students must apply their knowledge of figurative language, narrative, and dialogue to the works in each genre and write essays that require coherent theses, specific detailed references, and consistent focus.

Eng. 6516 requires departmental approval. Students enter this course based on their performance in junior English. Students must achieve at least a 95% average, exhibit superior writing skills, and obtain the recommendation of their English 11 teacher to apply for departmental approval. Students also may be required to perform well on an essay administered and graded by the English department.

PLEASE NOTE: All students in this course must sit for the Advanced Placement Examination in English Literature and Composition. The course includes preparation for successful achievement on the exam. This is the only way to take the AP Exam in English; students in other English courses may not sit for the exam.

Eng. 6530

World Literature: Great Authors of Many Nations, Honors

A two-semester course

This honors course considers literature of the Western and non-Western canon. The curriculum includes reading and analysis of the great writers and works of Continental Europe, South America, Russia, Asia, and Africa from civilizations past and present. American and British writers who are known as "world" authors may also be studied. Students will particularly focus on the texts as products of the culture in which they were written and the effect of reading works in translation. The course covers all literary genres: poetry, novels, short stories, drama.

Eng. 6530 requires departmental approval. Students enter this course based on their excellent performance in junior English. Students must achieve at least a 93% average, exhibit strong writing skills, and obtain the recommendation of their English 11 teacher to apply for departmental approval. Students also may be required to perform well on an essay administered and graded by the English department.

Half-Year Courses (One-Semester Courses)

You must register for **two** of the following courses to fulfill your one unit requirement in English.

Eng. 6630

Gothic Literature: The Mysterious and the Grotesque

A one-semester course

This course fosters an understanding of American "Gothic" literature: the study of the supernatural, the darkness, the mysterious, and the grotesque. We will trace the origins and development of Gothic literature in Europe, but will concentrate on American authors. Students will also explore Gothicism in popular culture. The course includes all literary genres: poetry, novels, short stories, drama.

Eng. 6670

Drama: Shakespeare and Company

A one-semester course.

The course examines representative plays of Western drama from its beginnings in ancient Greece through the Renaissance to the contemporary theater of the United States and England. The approach is historical and thematic. The course includes a study of major playwrights including Sophocles, Shakespeare, Ibsen, Beckett, O'Neill, Miller, Williams, Albee, Wilson, and Stoppard. Students focus on how philosophical, political, moral, and cultural attitudes shape each playwright's vision. Issues we will consider include drama as text and performance, stagecraft, playwriting, and theater and film criticism.

Eng. 6680

Fiction: The Short Story, The Novella, The Novel

A one-semester course

This course is an examination of prose fiction. Students will read and analyze prose fiction in all its forms: the short story, the novella, and the novel. Students study the historical development of prose fiction, especially the major British, American, and European Continental writers who have significantly advanced the form in the nineteenth century, the twentieth century, and contemporary literature.

Eng. 6690

Poetry: "The Best Words in their Best Order"

A one-semester course

This course examines how poems create their effects on readers. Students study how a poem begins as a "spontaneous overflow of powerful feelings" in the poet and finishes as evocative language on the page. Students analyze how the poet takes his source of inspiration, crafts it into imagery, and gives insight into human experience. The course includes poems from the entire history of English verse including epic poetry and narrative poetry. The curriculum also includes a selection of "lyrical" novels.

SPECIAL COURSES

Eng. 6570 and 6590

English Enrichment

A two-semester course

This course is designed for English language learners for whom English is a second language and whose writing skills need improvement. The course focuses on giving students the skills necessary to write clear and effective essays. Students will concentrate on the grammar and construction issues vital for English language learners. Students learn how to improve their essay writing in all their academic subjects.

NOTE: Students are placed in this class after a careful evaluation of their writing skills. This evaluation may take place during the admissions process or on the recommendation of a student's English teacher in consultation with the chairperson of the English department and the [assistant principal](#) for curriculum. This course must be taken in addition to the regular full unit of English.

English 6920: Assisi Independent Study

St. Francis Prep Study Abroad Program

The Study Abroad Program at St. Francis Prep enables students to earn academic credit while on a trip to Assisi and Rome. The course for which they earn credit is "experiential": i.e., based on visiting the famous locations in Assisi and Rome about which students have researched and studied. Students in the Study Abroad program will meet in the month before the trip to Assisi and Rome to map out what area to specialize in on the visit. For example, students can concentrate on ancient Roman history, the art and architecture of the Renaissance, church history, the life of St. Francis or any other of the wealth of sites in these famous Italian cities. Faculty facilitators will assist your study of the sites. For information about this course, see the [assistant principal](#) for curriculum.

HEALTH AND PHYSICAL EDUCATION

The goal of the Health and Physical Education Department is to develop the physical, mental, and social skills necessary to be a well-rounded individual. In addition to teaching the students how to make healthy life choices, engage in fair competition, and build self-confidence, students are given the unique opportunity to learn a wide variety of games, sports, and lifelong activities. The Health curriculum covers a variety of topics which promote overall health and wellness. By graduation, all students are expected to understand the importance of lifelong physical activity, incorporating the practice of preventive measures and good health habits to promote overall wellness.

"The greatest wealth is health." ~ Virgil

FIRST AID AND NUTRITION

FIRST AID, NUTRITION, AND HEALTH DO NOT SATISFY THE PHYSICAL EDUCATION REQUIREMENT.

Phys. Ed. 7010 (Z Period)

Health

This section is open to seniors only. This course is limited to 60 students.

Phys.Ed. 7010 requires [pre-registration](#) on the St. Francis Prep website.

Selection will be done based on a lottery.

Please see Phys. Ed. 7910 for description.

Phys. Ed. 7910

Health

A one-semester course

This course is **required for graduation** and is only available to juniors and seniors.

Current JUNIORS who will be SENIORS in September DO NOT need to pre-register for this Health class.

Current SOPHOMORES who wish to take Health as a JUNIOR are required to [pre-register](#).

The topics covered in this course include the following: Alcohol, Communicable and Non-communicable Diseases, First Aid, Holistic Health, Mental Health, Substance Use and Abuse.

Phys. Ed. 7920

First Aid: Responding to Emergency

A one-semester course

This course is open to juniors and seniors. This course is LIMITED to 30 students.

P.E. 7920 requires [pre-registration](#).

This is an elective course which does not fulfill health or physical education requirements. The American Red Cross (ARC), Advanced First Aid, Personal Safety, and Basic Life Support Courses are the basis for this study. At the conclusion of the course, ARC certificates are awarded if requirements are met. This course comprises development of practical knowledge and skills in prevention, symptoms, and initial care of numerous injuries and sudden illnesses, including Cardiac Arrest and Cardiopulmonary Resuscitation.

Phys. Ed. 7940

Nutrition

A one-semester course

This course is open to juniors and seniors. This course is LIMITED to 30 students.

P.E. 7940 requires [pre-registration](#).

This is an elective course which does not fulfill the physical education or health requirements. Nutrition will encompass the day in and day out choices that we make about food intake. It studies the proper eating of food for growth and development.

Students with a MEDICAL RESTRICTION or DISABILITY should consult the nurse or Dept. Chairperson before registering.

PLEASE NOTE: No Physical Education course may be repeated.

FRESHMAN COURSE OFFERINGS**Phys. Ed. 7120**

Physical Education 9

A two-semester course

This course is required for freshmen.

The course introduces students to aspects of fitness, such as muscular strength, muscular endurance, flexibility, balance, and cardiovascular health. Starting with the fitness unit, students will learn basic muscular anatomy, what happens to the body during exercise, and the benefits of lifelong activity. We target different aspects of fitness through a variety of activities such as gymnastics, square dance, and soccer.

SOPHOMORE COURSE OFFERINGS

Phys. Ed. 7220

Physical Education 10

A two-semester course

This course is required for sophomores.

This course emphasizes team sports and the skills necessary to be successful in each of the following units: basketball, volleyball, track and field, dance, lacrosse, and field hockey.

JUNIOR AND SENIOR COURSE OFFERINGS

Phys. Ed. 7330

Physical Education Leaders Program I

A two-semester course

This course is open to juniors.

P.E. 7330 requires an invitation from the chairperson.

This course will include two periods of instruction (lab) and one period in the field during the first semester. In the second semester, one period of instruction (lab) and two periods of field work are required. The field work involves assisting a freshman or sophomore Physical Education class. The course will fulfill the Physical Education requirement for junior year. Upon successful completion of the course and with approval from the instructor, students will fulfill their senior year requirements with four lab periods of service work, two each semester.

Phys. Ed. 7610

Touch Football and Weight Training

A fall and spring semester course

This course is open only to junior and senior boys. If you have taken this course during junior year, you may not repeat it.

Students will learn the basic skills of throwing and catching a football. Positions, terminology, and basic game play strategies will be taught while playing the game of football. During weight training, the instructor will review safe practices and fitness center etiquette. The focus of this unit will require students to learn about how routine resistance training positively affects muscular growth. Students will learn how to design and implement personal weight lifting routines.

Phys. Ed. 7630

Basketball and Ultimate Frisbee

A fall semester course

This course is only open to junior and senior boys. If you have taken this course during junior year, you may not repeat.

Students will be playing basketball utilizing the skills learned during the sophomore basketball unit. Advanced strategies will be incorporated during gameplay. Students will be introduced to the game of Ultimate Frisbee. A variety of frisbee throws and strategies will be taught during gameplay.

Phys. Ed. 7640

Speedball and Soccer

A fall semester course

This course is only open to junior and senior boys. If you have taken this course during junior year, you may not repeat it.

Students will be playing soccer utilizing the skills learned during the freshman year soccer unit. Advanced strategies will be incorporated during game play. Students will be introduced to the game of Speedball. This high intensity game blends the skills of soccer, basketball, and football.

Phys. Ed. 7660

European Handball and Self-Defense

A spring semester course

This course is only open to junior and senior boys. If you have taken this course during junior year, you may not repeat.

Students will learn about the basic terminology and skills of Team Handball. Skills used include running, dribbling, passing, and shooting. Game play strategies are emphasized throughout the unit. Self-defense requires students to learn about situational awareness and conflict resolution. Basic combative techniques, escapes, and holds are taught to be used to defend when necessary.

Phys. Ed. 7670

Physical Education Leaders Program II

A two-semester course

This course is only open to seniors who have completed Phys. Ed. 7310.

P.E. 7670 requires that you pre-register on the St. Francis Prep website.

Students in this class will assist teachers of freshman and sophomore Physical Education classes. Students must perform two classes of field work each cycle. This course fulfills the Physical Education requirement for senior year.

Phys. Ed. 7710

Flag Football and Soccer

A fall semester course

This course is only open to junior and senior girls. If you have taken this course during junior year, you may not repeat.

During the flag football unit, students will learn the basic skills and follow the rules and terminology of football in game situations. Students will be playing soccer utilizing the skills learned during the freshman year unit. Advanced strategies will be incorporated during gameplay.

Phys. Ed. 7720

Girls Lacrosse and Field Hockey

This course is only open to junior and senior girls. If you have taken this course during junior year, you may not repeat it.

Students will learn the basic terminology and skills of lacrosse, such as throwing, catching, cradling, stick handling, scooping, and shooting. Gameplay strategies are emphasized throughout the unit. Field Hockey stresses the skills of stick and ball control. This unit enhances the skills acquired during sophomore year and develops them into advanced gameplay.

Phys. Ed. 7780

Girls' Conditioning and Self-Defense

A spring semester course

This course is only open to junior and senior girls. If you have taken this course during junior year, you may not repeat.

Conditioning is designed to create a better understanding of fitness equipment and learning how to create individual workout programs for overall physical well-being. The fitness center will be utilized. Self-defense requires students to learn about situational awareness and conflict resolution. Basic combative techniques, escapes, and holds are taught to be used to defend when necessary.

Phys. Ed. 7790

Dance and Aerobics

A spring semester course

This course is only open to junior and senior girls. If you have taken this course during junior year, you may not repeat.

Dance employs a variety of movements with an emphasis placed on choreography. Aerobics draws on aspects of dance to improve the student's cardiovascular system, stamina, and endurance through vigorous routines set to music.

Phys. Ed. 7810

Racket Sports, Jogging, and Fitness

A fall semester course

This course is only open to juniors and seniors. If you have taken this course during junior year, you may not repeat it.

In this course, tennis, badminton, and pickleball will be played. The strokes, rules, and scoring of each game will be discussed. Jogging and Power Walking will improve the student's cardiovascular system. The importance of fitness will be stressed.

Phys. Ed. 7850

Paddleball and Golf

A fall and spring semester course

This course is only open to juniors and seniors. If you have taken this course during junior year, you may not repeat it.

Golf will be taught at an introductory level. Students will learn proper grip, stance, and etiquette. The instructor will teach putting, chipping, pitching, and the full golf swing using appropriate equipment. The focus of the unit will be to improve individual skills. A brief overview of the rules of golf will be given. Students will be introduced to the game of Paddleball. This game is usually played outdoors using one-wall handball rules. Modifications to the course may be necessary, such as introducing the game of table tennis.

Phys. Ed. 7860

Volleyball and Softball

A spring semester course

This course is only open to juniors and seniors. If you have taken this course during junior year, you may not repeat it.

Students will be playing volleyball utilizing the skills learned during the sophomore year volleyball unit. Advanced strategies and techniques will be incorporated during gameplay. In softball, students will learn the skills, rules, and strategies of the game.

Phys. Ed. 7880

Tai Chi and Yoga

A one-semester course

This course is only open to juniors and seniors.

P.E. 7880 requires [pre-registration](#). If you have taken this course during junior year, you may not repeat it. This course is LIMITED to 200 students

Tai Chi is fast becoming one of the most popular form of fitness training in the world today. Tai Chi is an ancient Chinese "soft" Martial Art, a relaxation technique and an exercise for fitness. Yoga explores the ways to return the body to its natural state of flexibility. The course is designed to explore the physical and mental dimension of yoga for toning, relaxing, and stretching.

Phys. Ed. 7890

Project Adventure

A one-semester course

This course is only open to seniors.

Phys. Ed. 7890 requires [pre-registration](#).

LIMITED ENROLLMENT

Project Adventure is a program that challenges participants to go beyond their comfort zones, try new activities, discover new ways of thinking, deal with fear, and be willing to accept help and support from adults and peers. The goals of Project Adventure are to increase the participants sense of personal confidence and to increase cooperation, respect, and support within a group. It is the excitement of playing, having fun, and solving the problem with a group of people that increases self-awareness, improves self-image, gains respect for others, and allows students an opportunity to acquire leadership skills.

ELECTIVES SUMMARY

BOYS ONLY:	GIRLS ONLY:	MIXED:	SPECIALIZED:
7610	7710	7810	7330 - Jrs.
7630	7720	7850	7670 – Srs.
7640	7780	7860	
7660	7790	7880	
		7890	

MATHEMATICS

The Mathematics Department offers students a four-year Mathematics program that will enable them to pursue more advanced courses in college and also prepare them for future life situations. An honors program is offered for the higher ability students, culminating with Advanced Placement Mathematics or Calculus.

* **Requires Departmental Approval** means that there are specific qualifications for the various courses. Classroom teachers will explain these qualifications to the students. Each Math teacher will keep a list of all students and their approved course. Students who sign up for a course without approval will be removed from the course without notice from the teacher.

IMPORTANT: Every Mathematics course requires the purchase of the Texas Instruments Graphics Calculator ([T.I. 84 +C](#)).

PLEASE NOTE: All students are required to pass one Mathematics Regents exam in order to graduate from high school in New York State. The Regents exams are as follows:

Common Core Algebra 1

Integrated Geometry or Common Core Geometry

Integrated Algebra 2.

The Regents exams are given in June of each year.

ALGEBRA 1

Math 5100

Common Core Algebra 1, Honors

A two-semester course

This course is open to ninth-graders.

Math 5100 requires departmental approval.

This course is for students with above average mathematical ability. It includes an in-depth study of the concepts of Algebra I as well as enrichment topics. Students take the Algebra 1 Regents exam in June.

Math 5110

Introduction to Algebra

A four-semester course

This course is open to selected 9th-graders.

Math 5110 requires departmental approval.

This course is an in-depth study of Algebra 1 over the course of two years. Specific information will be given to qualified students.

Math 5120

Integrated Algebra 1, Common Core

A two-semester course

This course is required for ninth-graders.

This course integrates the various branches of mathematics presenting concepts both algebraically and geometrically. Included are topics from statistics, probability, and logic. Students take the Algebra 1 Regents exam in June.

Math 5210

Algebra 1

A two-semester course

This course is the completion of the two-year Introduction to Algebra course. Specific information will be given to qualified students.

GEOMETRY**Math 5130**

Integrated Geometry, Advanced

A two-semester course

This course is open to ninth-graders who have completed a year of Algebra 1.

In order to advance to the second year of high school mathematics as a ninth-grader at St. Francis Prep, a student MUST take the Math placement exam that is given in May.

Math 5130 requires departmental approval.

This is a Regents course that integrates the various branches of mathematics. Included are Integrated Geometry, Honors

A two-semester course

This course is open to sophomores who have completed Math 5100 or Math 5120.

Math 5200

Geometry Honors

Math 5200 requires departmental approval.

This course is an Honors Regents course which includes the regular Geometry curriculum with optional topics. Students take the Integrated Geometry Regents exam in June. topics from logic, mathematical systems, Euclidean geometry, analytic geometry, solutions of quadratic equations, and probability, permutations, and combinations. Students take the Integrated Geometry Regents exam in June.

Math 5220

Integrated Geometry

A two-semester course

This course is required for sophomores.

This is a Regents course that integrates the various branches of mathematics. Included are topics from logic, mathematical systems, Euclidean geometry, analytic geometry, solutions of quadratic equations and probability, permutations and combinations. Students take the Integrated Geometry Regents exam in June.

ALGEBRA 2**Math 5300**

Integrated Algebra 2, Honors

A two-semester course

This course is open to students who have completed Geometry.

Math 5300 requires departmental approval.

This is an honors course for sophomores and juniors who have above average marks in Algebra and Geometry. This course includes the Regents exam test topics as well as some pre-calculus material. Students must take the Integrated Algebra 2 Regents exam in June.

Math 5320

Integrated Algebra 2

A two-semester course

This course is required for juniors who have not completed Algebra 2.

This is a Regents course. The topics of the course include algebra, linear equations, matrices, quadratic equations, logarithmic functions, trigonometry, and other related topics. Students must take the Integrated Algebra 2 Regents exam in June.

Math 5370

Algebra 2A

A two-semester course

This course is open to juniors who have not completed Algebra 2.

Math 5370 requires departmental approval.

This course covers the Algebra 2 curriculum with the total integration of the graphics calculator. The course integrates the study of Algebra, Geometry, Trigonometry, and specific topics in logic, statistics, and probability.

PLEASE NOTE: This class is closed to further additions **after February registration** without the explicit approval of the Chairperson.

MATH ELECTIVES

Explicit requirements will be presented to students during class. All Math electives may be taken for [college credit](#).

Math 5400

Math Analysis, Honors (Pre-Calculus Honors)

A two-semester course

This course is open to juniors who have completed Algebra 2.

Math 5400 requires departmental approval.

This is an honors pre-calculus course which includes topics in advanced algebra, analytic geometry, functions, and other topics which are necessary background for the study of elementary calculus.

Math 5450

Math 12

A two-semester course

This is a pre-calculus course that is open to juniors and seniors who have completed Algebra 2.

Math 5450 requires departmental approval.

This course will include a thorough, mathematically mature approach to the basic concepts of algebra and geometry. It will provide an in-depth study of analytical geometry, functions, complex numbers, and polynomial equations with an introduction to polar coordinates, sequences, series, and limits. Thus, Math 12 serves as a foundation for the study of calculus. Supplementary topics will be included if the teacher chooses to lead the class into other areas of advanced algebra.

Math 5506

Advanced Placement Calculus, A.B.

A two-semester course

This course is open only to seniors who have had some pre-calculus or math analysis.

Math 5506 requires departmental approval.

This is a college level course which includes applications of differential and integral calculus. Students are required to take the Advanced Placement examination in May. Success on this exam could earn a student college credit or advanced placement, or both.

Math 5510

Calculus, Honors

A two-semester course

This course is open to advanced juniors and seniors.

Math 5510 requires departmental approval.

This course includes a study of pre-calculus topics. Emphasis is given to calculus, including differentiation and some integration. It is geared to the student who wants to take calculus, but does not want the advanced placement course or is not accepted for advanced placement.

Math 5520

Pre-Calculus

A two-semester course

This course is open to juniors and seniors.

Math 5520 requires departmental approval.

The course requires that students have taken Algebra 2. The course is designed for those who will study mathematics, science, and related fields in college. Areas covered are limits, conics, functions, parameter equations, polar coordinates, and elementary differentiation. All the essential background material needed for a college calculus course will be reviewed. If time permits, elementary integration will also be covered.

Math 5550

Probability and Statistics

A two-semester course

This course is open to seniors only.

Math 5550 requires departmental approval.

This course will include concepts of probability and descriptive inferential statistics, with an emphasis on the applications of statistics in modern life, including the fields of sociology, business, economics, ecology, education, medicine, psychology, and mathematics. The relationship between statistics, analytical thinking, and decision-making will be a major topic.

PLEASE NOTE: This course is closed after February.

Math 5556

A.P. Probability and Statistics

A two-semester course

This is an honors course open to only seniors.

This is a college level course. The curriculum includes the following topics: variation and distribution, patterns and uncertainty, data-based predictions, decisions, and conclusions. Students must take the A.P. exam in May.

Math 5596

AP Calculus BC

A two-semester course

This course is open to students who have completed Calculus 1 honors.

Math 5596 requires departmental approval.

This is a college-level course that includes more applications of differential and integral Calculus than are studied on AP Calculus AB. All students are required to take the Advanced Placement examination in May. Success on this exam could earn a student college credit or advanced placement.

MUSIC

The Music curriculum offers students an opportunity to broaden their cultural background and to prepare for college-level work. The music program is designed for three types of students: those who wish to fulfill their music requirement; those who have an interest in music and enjoy performing; and those who expect to major in music or music education in college.

CERTIFICATE OF ADVANCED STUDY IN MUSIC

The Certificate of Advanced Study in music will be awarded by the Music Department of St. Francis Prep upon completion (in senior year) of the following requirements.

- A) The student has completed three or more years of study in one of the department's performing ensembles (the same ensemble for 1.5 credits minimum). The student must be registered for this ensemble during his or her senior year. Students who took 2230, 2240, 2250, or 2260 in sophomore year may use that course to fulfill the 3rd year of the primary ensemble requirement.
- B) The student completes a minimum of two full units of music knowledge courses: two full credits from Music Technology, Music Theory, Music History, or Principles of Orchestration and Electronic Composition.
- C) The student completes a minimum of 3 years of music lessons, or as many as the student's schedule allows, or the student completes 3 units of music knowledge courses. Students who took 2230, 2240, 2250, or 2260 in sophomore year may use that course to fulfill the 3rd year of the primary ensemble requirement.
- D) The student has an average of 95% or higher in the above music courses.
- F) The student meets all requirements for the five-unit sequence.
- G) The student MUST be in good standing with the department as determined by the Music faculty.
- H) Seniors applying for the certificate must complete the departmental application and meet all deadlines. Applications for the Certificate can be picked up in W001 starting March 1. Applications must be returned by April 2.

3-UNIT MUSIC SEQUENCE

Music Performance	2 units
Music Knowledge	1 unit

5-UNIT MUSIC SEQUENCE

Music Performance	3 units
Music Knowledge	2 unit

MUSIC KNOWLEDGE COURSES

Music Theory I	1/2 unit
Music Theory II	1 unit
History of Music	1 unit
Electronic Orchestration	1/2 unit

MUSIC PERFORMANCE COURSES

Beginning Instrumental	(9)	1/2 unit
Woodwind	(10)	1/2 unit
Brass	(10)	1/2 unit
Percussion	(10)	1/2 unit
Strings	(9 or 10)	1/2 unit
Concert Chorus	(9-12)	1/2 unit (ea.yr.)
Concert Band	(9-12)	1/2 unit (ea.yr.)
Stage Band	(9-12)	1/2 unit (ea.yr.)
Percussion Ens.	(9-12)	1/2 unit (ea.yr.)
Honors Perc. Ens.	(9-12)	1/2 unit (ea.yr.)
Prep Chorus	(9-12)	1/2 unit (ea.yr.)
Music Lessons	(9-12)	1/2 unit (ea.yr.)
Chamber Choir	(9-12)	1/2 unit (ea.yr.)
String Orchestra	(9-12)	1/2 unit (ea.yr.)
Honors Orchestra	(9-12)	1/2 unit (ea.yr.)
Chamber Orchestra	(9-12)	1/2 unit (ea.yr.)

PLEASE NOTE: Students planning to complete the music sequence should consult a member of the music department. Such students are encouraged to study privately. The freshman course, Mus. 2120, is not applicable toward the music sequence.

STUDENTS SHOULD CLEARLY UNDERSTAND THAT MUSIC COURSES ARE PERFORMING COURSES AND REQUIRE INDIVIDUAL PRACTICE TIME AT HOME.

Z PERIOD COURSES

Mus. 2010 (Z Period)

Chamber Choir, Honors

A two-semester course

Mus. 2010 is an honors course open only by vacancy and audition.

Chamber Choir is an advanced performance ensemble that requires music literacy and vocal experience prior to audition. This elite ensemble performs a variety of traditional choral music. Its repertoire ranges from Medieval chants to contemporary jazz and provides a strong basis for education in standard performance practice. The class meets every day. Extra after-school rehearsals may be added during the week of a performance. Daily practice outside rehearsal is required. Attendance and participation in all rehearsals and performances are mandatory. The Chamber Choir performs 4 to 8 concerts a year. Grading is based on attendance, preparation, attitude, responsibility, and written and oral exams.

Mus. 2020 (Z Period)

String Orchestra

A two-semester course

This course is open to students who took Music 2160 or 2260 (Strings) in the previous year, as it provides the practical application of the skills learned in class. It is also designed for incoming students who have had minimal orchestral experience.

This course is a training-centered ensemble with an emphasis on ensemble playing, listening skills, and introduction to stylistic diversity. Grading is based primarily on participation, preparedness, responsibility, and respect. Daily at-home practice is absolutely required for this course. There are 3 concerts each year. The next step in the Orchestra sequence is Honors Orchestra (2030) and Music Lessons (2520).

Mus. 2030 (Z Period)

String Orchestra, Honors

A two-semester course

Mus. 2030 is for advanced students with experience in an orchestral environment.

This is an advanced course in orchestral string pedagogy. It will explore more substantial works from orchestral literature while maintaining the same stylistic diversity as Mus. 2020. Emphasis is on development of characteristic sound, stylistic interpretation, right hand execution, and mature points of ensemble playing. The ensemble presents at least two concerts a year. Students are required to register for music lessons, schedule permitting. Grades will be determined by fulfillment of potential, dedication, responsibility, and respect. Daily at-home practice is absolutely required for this course. As an honors course, the expectations of the students will be among the highest in the Music department.

Mus. 2040 (Z Period)

Percussion Ensemble

A two-semester course

Co-requisite Mus. 2520

This course is open to students on all grade levels.

Mus. 2040 requires an audition and departmental approval. Please speak to your current music teacher or the chairperson for guidance.

The student will receive intensive instruction in orchestral percussion which includes snare drum, bass drum, cymbals, timpani, and all mallet instruments. Students must have knowledge of percussion instruments and be able to read music. Grading is based upon the student's progress, attendance, participation at all rehearsals and performances, and mastery of the assigned repertoire. Students must attend all rehearsals, dress rehearsals, and concerts. This group will meet during Z period Tuesday and Thursday, and Mondays from 3:00 to 4:15 P.M. for the entire year. Students in this course must sign up for Music Lessons (2520).

Mus. 2050 (Z Period)

Concert Band

A two-semester course

This course is open to all students who play an instrument and will participate in the school band.

Mus. 2050 requires departmental approval. Please speak to your current music teacher or the chairperson for guidance.

This is a rehearsal course which covers the practicing of band material, sight-reading, exercises, tuning procedures, and performance techniques. The grade will be determined by the student's ability to perform the band literature, improvement on the instrument, PARTICIPATION IN ALL BAND FUNCTIONS, homework, and quizzes. One-half hour of daily home practice is required. ALL BAND MEMBERS MUST TAKE THIS COURSE. Concert Band meets every day during Z period in the auditorium.

PLEASE NOTE: Attendance at all rehearsals and performances is mandatory.

MUSIC COURSES**Mus. 2120**

Introduction to Music

A one-semester course

This course is standard for freshmen.

The course explores the musical elements of rhythm, harmony, melody, form, timbre, etc., and is designed to develop an intelligent perception, understanding and appreciation of music.

Mus. 2150

Beginning Instrumental Music

A two-semester course

This course is open to freshmen in place of the introductory course.

Please speak to your current music teacher or the chairperson for guidance.

This course is an introduction to the playing of one of the following instruments: trumpet, French horn, trombone, baritone horn, tuba, clarinet, or flute. A minimum of one-half hour daily at-home practice is required. The next step in the Band sequence is Concert Band (2050) and Music Lessons (2520).

Mus. 2160

Strings

A two-semester course

This course is open to freshmen in place of Introduction To Music.

This course is designed to give students a foundation in the rudiments of playing one of the instruments of the orchestral string family (violin, viola, cello, bass). Aside from the mechanics of playing, students will learn the fundamentals of music, including notation and reading, introduction to sight-singing, and construction of scales. Daily at-home practice is absolutely required for this class. The next step in the Orchestra sequence is String Orchestra (2020) and Music Lessons (2520).

Mus. 2210

Concert Chorus I

A two-semester course

This course is open to freshmen and sophomores.

This is a performance course open to female students. Class meets 3 times a cycle during the school day. The course includes 2- and 3-part singing from all periods and styles, music literacy training, and ear training. It is designed to familiarize students with the fundamentals of vocal mechanism and healthy vocal use. The grade is determined by oral and written evaluations, homework, class work, rehearsals, and performances, ALL OF WHICH ARE MANDATORY.

Mus. 2230

Woodwinds

A two-semester course

This course is open to sophomores.

Please speak to your current music teacher or the chairperson for guidance.

This course is an introduction to the playing of the flute or the clarinet. Minimum one-half hour of daily home practice is required. The grade will be determined by the student's progress on the instrument and participation. The next step in the Band sequence is Concert Band (2050) and Music Lessons (2520).

Mus. 2240

Brass

A two-semester course

This course is open to sophomores.

Please speak to your current music teacher or the chairperson for guidance.

This course is an introduction to the playing of one of the following brass instruments: trumpet, French horn, mellophone, trombone, baritone horn, or tuba. Minimum one-half hour of daily home practice is required. The grade will be determined by the student's progress on the instrument and participation. The next step in the Band sequence is Concert Band (2050) and Music Lessons (2520).

Mus. 2250

Percussion Class

A two-semester course

This course is open to sophomores.

Mus. 2250 requires departmental approval. Please speak to your current music teacher or the chairperson for guidance.

Percussion is for sophomores interested in learning percussion instruments. The objectives of the course are to teach the student to perform on various percussion instruments with competence and to give the student knowledge of the fundamentals of music. The course is split in half between drumming skills and mallet percussion skills. Students will perform in our Beginners Concert in January. The grade will be based upon testing, quizzes, participation, and diligent practice at home. Students are able to audition for the percussion ensembles after completing the course.

Mus. 2260

Strings

A two-semester course

This course is open to sophomores.

Please speak to your current music teacher or the chairperson for guidance.

This course is designed to give students a foundation in the rudiments of playing one of the instruments in the orchestral string family (violin, viola, cello, bass). Aside from the mechanics of playing, students will learn the fundamentals of music, including notation and reading, introduction to sight-singing, and construction of scales. Daily at-home practice is absolutely required for this class. The next step in the Orchestra sequence is String Orchestra (2020) and Music Lessons (2520).

Mus. 2310

Concert Chorus II

A two-semester course

This course is open to juniors and seniors. A basic pitch matching audition is required prior to registration. Mus. 2310 requires departmental approval. Please speak to your current music teacher or the chairperson for guidance.

This is a performance course for female students. The class, which meets 2 times a cycle during the school day, includes 2- and 3-part singing, music literacy training, and ear training. It is designed to familiarize students with the fundamentals of vocal mechanism and healthy vocal use. The grade is determined by oral and written evaluations, homework, class work, rehearsals, and performances, ALL OF WHICH ARE MANDATORY.

Mus. 2410

History of Music

A two-semester course

This course is open to juniors and seniors.

Mus. 2410 requires departmental approval. Please speak to your current music teacher or the chairperson for guidance.

This course will be a comprehensive survey of the major periods and figures in music history. Class activities include listening to representative works, undertaking score analysis, and submitting group projects. Grading will be based on test and quiz scores, class participation, and homework. A Regents examination will be given at the end of the year.

PLEASE NOTE: Seniors pursuing a 3- or 5-unit sequence in Music may use Music 2410 to satisfy the fourth unit in Social Studies. Please see the chairperson for details.

Mus. 2480

Music Theory I

A one-semester course in the Fall

This course is open to juniors and seniors.

Mus. 2480 requires departmental approval. Please speak to your current music teacher or the chairperson for guidance.

This is a music knowledge course designed to introduce students to the rudiments of musicianship (articulation of rhythms, audiation, and performance of melodies and harmonies) and elemental concepts of music theory (tonality, key signatures, chords, intervals, etc.). Students will develop a vocabulary that will equip them to communicate in the language of musical notation in order to prepare them for more advanced study in music theory both in high school and in college. Grading will be based on daily assignments, tests, and projects.

Mus. 2490

Principles of Orchestration and Electronic Composition

A one-semester course in the Spring

This course is open to juniors and seniors.

Mus. 2490 requires departmental approval. Please speak to your current music teacher or the chairperson for guidance.

This course will continue to build upon the material learned in Music Theory I. Additionally, the course will deal with the basics of traditional elementary orchestration. Students will be introduced to the Finale software package. Finally, the course will focus on computer software packages to teach notation and orchestration.

PLEASE NOTE: Music 2490 may be used to satisfy the school Computer Science requirement.

Students should not take Music 2490 in place of Mus. 2410 or 2510. It should be taken in addition to those courses.

Mus. 2516 Advanced Placement Music Theory

A two-semester course

This course is open to juniors and seniors.

Prerequisite for Mus. 2516 is Mus. 2480 or departmental approval. Please speak to your current music teacher or the chairperson for guidance.

AP Music Theory is a Regents honors course in harmonic and compositional techniques. This course includes the intensive study of clefs, intervals, scales, chords, musical analysis, two- and four-part writing, dictation, cadences, periodicity, modes, modulation, and sight singing. Students will come out of the class being able to listen to and read music while understanding everything in it. Grading is based on homework, tests, and projects. A teacher-prepared Regents examination will be given at the end of the year, which counts for Regents credit.

Mus. 2520

Music Lessons

A two-semester course

Mus. 2520 requires departmental approval. Please speak to your current music teacher or the chairperson for guidance.

This course is open to all instrumental students who participate in one of the school's performing groups. Scheduling will be based on availability of instructors during one of the student's free periods.

Mus. 2530 (X period)

Prep Chorus, Honors

A two-semester course

This course is open to students on all grade levels.

Mus. 2530 requires an audition.

Prep Chorus is a performance course designed to give students a basic understanding of vocal mechanism, music literacy, audiation skills, and standard choral repertoire. Grading is based on attendance, preparation, attitude, responsibility, and knowledge of your parts. Daily practice outside of

rehearsal is also expected. The Prep Chorus performs at least 2 concerts a year. Attendance and participation in all rehearsals and performances are mandatory.

The rehearsal schedule is as follows:

Sopranos	Monday	3:00 to 4:00 p.m.
Altos	Tuesday	3:00 to 4:00 p.m.
Gentlemen	Wednesday	3:00 to 4:00 p.m.
Full Ensemble	Thursday	3:00 to 4:30 p.m.

* Extra rehearsals will be added for the week of a concert.

Mus. 2540 (Z Period) Percussion Ensemble, Honors

A two-semester course

Co-requisite Mus. 2520

This course is open to students on all grade levels.

Mus. 2540 requires an audition and departmental approval. Please speak to your current music teacher or the chairperson for guidance.

This course is an advanced version of Mus. 2040, Percussion Ensemble. Students must have extensive knowledge of all percussion instruments and be proficient at reading music. Please meet with the instructor for more information and to audition. Grading is based upon the student's progress, attendance, participation at all rehearsals and performances, and mastery of the assigned repertoire. Students must attend all rehearsals, dress rehearsals, and concerts. This group will meet during Z period Monday, Wednesday, and Friday, and Thursdays from 3:00 to 5:00 p.m. for the entire year. Students in this course must sign up for Music Lessons (2520).

Mus. 2550

Chamber Orchestra, Honors

A two-semester course

Mus. 2550 is an honors course open only by vacancy and audition.

Chamber Orchestra is for exceptionally advanced students with significant experience in an orchestral environment. The Chamber Orchestra performs up to 20 times a year at both school and outside events. The course begins the last two full weeks of August and rehearses both during Z period and on Friday afternoons at 3:00 p.m. during the school year. The highest level of professionalism and musicianship is required at all times, especially given the very public nature of this ensemble. Students should also register for Mus. 2520 (Lessons), schedule permitting.

Mus. 2560 (X period)

Independent Study in Music

A one-semester course

Mus. 2560 requires departmental approval. Please speak to your current music teacher or the chairperson for guidance.

This is a course that presents information on the life of a major composer (Brahms or Haydn) and his music. After completing each chapter of the course, the student will take a written exam prepared by the instructor. There will be an assigned research paper dealing with a particular composition. This course

will conclude with a final exam. In addition to viewing lectures, students will be responsible for listening to an assigned list of compositions.

Mus. 2570

Composer's Institute

A two-semester course.

PLEASE NOTE: For 2022-2023, this program is open to juniors only and only by invitation and permission.

Composition is the most creative and necessary element a musician can undertake. It also is a major element of City, State, and National standards for Music Education. This program will teach and foster a students' creative ability and ensure that their training is thorough, comprehensive, and serious. It will ultimately give them the opportunity to have their compositions performed by Prep ensembles.

Program Co-requisites:

Juniors: Theory I in the fall, Electronic Orchestration in the spring. Music Lessons, or Independent Study, where students will meet with Mr. Kobayashi and discuss the tenets of composition, orchestration, harmony, etc.

Seniors: Music History and AP Music Theory. Music Lessons, or Independent Study as above.

Both: Strongly preferred, but not required that the student is enrolled in at least one ensemble.

A Composer's Concert will be held at the conclusion of a Residency Week with a Composer-In-Residence.

Mus. 2610 (X period)

Music Technology, Recording Techniques and Production, Introduction to ProTools

A one-semester course.

This course is open to sophomores, juniors, and seniors.

This course will teach the fundamentals of music technology through the study of contemporary digital recording techniques and computer based music production (ProTools, Logic Software). Students will learn about basic acoustics, music production practices in a recording studio setting, music history as a recorded form, and 21st century digital music technologies. Students will learn about the physics of sound, basic acoustics, waveforms, hardware and software studio components, contemporary commercial production techniques, a brief history of recorded music, and ProTools DAW(digital audio workflow).

Grades will be based on project completion, both in the classroom and as homework.

This class will meet Mondays during **X** period from 3:00-5:00 p.m

Mus. 2620

Advanced Music Technology and Production: Recording Workshop and Studio Techniques

A one-semester course

This course is open to Juniors and Seniors who have fulfilled the prerequisite course 2610 or who can demonstrate their abilities in a teacher interview.

This course teaches the techniques necessary to produce a complete studio recording from start to finish. Students will mainly focus on current live application recording practices. Students will familiarize themselves with the concepts of audio technology, signal chains, common recording formats, DAW software programs, and hardware synthesizers and outboard gear. Students will provide service to the Music department by recording an ensemble. The class will meet Mondays during X period from 3:00 to 5:00 p.m.

Mus. 2630 (X period)

Stage Band, Honors (Jazz Ensemble)

A two-semester course

Co-requisite Mus. 2050

This course is open to members of the school band who have passed an audition consisting of 10 major scales, a prepared piece, and a sight-reading selection.

Mus. 2630 requires departmental approval. Please speak to your current music teacher or the chairperson for guidance.

This is an advanced performance course for experienced musicians. The course consists of intensive rehearsals and performances in the jazz and fusion idioms. Grading is based upon improvement on the instrument, preparation of the assigned music, attendance at all rehearsals and performances, homework, and quizzes.

THE REHEARSAL SCHEDULE IS AS FOLLOWS: (X period)

MONDAYS:	Saxophone and Rhythm Sectional – 3:00 to 3:35 p.m.
TUESDAYS:	Full Ensemble – 3:00 to 4:30 p.m.
WEDNESDAYS:	Trumpets and Trombones – 3:00 to 3:35 p.m.
THURSDAYS:	Trumpets and Trombones – 3:00 to 3:35 p.m.
FRIDAYS:	Full Ensemble – 3:00 to 4:30 p.m.

RELIGIOUS EDUCATION

The religious education program is designed to provide the opportunity for students to grow in faith and to acquire knowledge of God, themselves, and others. In order to achieve this end, the Religious Education Department has established a developmental program. Areas of curriculum include the Catholic Church, Scripture, morality, spirituality, ministry, personal faith, self-awareness, and service. The first two years of study are the foundation upon which the elective program is built.

FRESHMAN COURSE OFFERINGS

Rel. 9120

Religion 9: Foundations of Faith Through Scripture and Tradition

A two-semester course

This course is required of all freshmen.

The freshman religious education program focuses on the centrality of self-knowledge and Scripture in attaining an understanding of God. Because ninth-grade students are seeking to understand themselves and because God speaks to them through their own self-understanding, we hope throughout the year to provide an opportunity for the students to come into contact with who they are in relationship to themselves, others, and God. This course will provide students with a basic survey of doctrinal beliefs, communal worship, and moral principles of Roman Catholicism.

SOPHOMORE COURSE OFFERINGS

Rel. 9220

Religion 10: Foundations of Faith Through the Gospels

A two-semester course

This course is required of all sophomores.

The sophomore religious education program is concerned with how we, as a people, relate to others. As Catholic Christians, we will look to the person of Jesus as the model for relating to others and to God. By studying the New Testament, sophomores will examine how Jesus calls all people to wholeness, to community, and to Christian values in the creation of the Kingdom of God, here and now.

JUNIOR COURSE OFFERINGS

Rel. 9380

Christian Service

A two-semester course

This course is open to juniors.

Students must achieve a grade of 90% or better in Religion 10 and receive the recommendation of their Religion 10 teacher to be eligible for Christian Service. Entry into this course is at the discretion of the department.

This course will provide students with the experience of service at various agencies within the community. The aim of the course is to concretize the concept of service to others as highlighted in the U.S. Catholic Bishops' Pastoral "To Teach as Jesus Did." Students will receive guidance from and meet with the agency supervisor and with the teacher once a cycle for discussion of the service being given. The course combines classroom input and outside work in the community which will be done after school or on weekends. In addition, students must complete reflection papers regarding their particular service and are expected to keep a weekly journal.

JUNIOR AND SENIOR COURSE OFFERINGS

Rel. 9410

Morality and the Catholic Identity

A one-semester course

This course is open to juniors and seniors.

Today's world presents each of us with complex moral decisions we must make. This course seeks to explore the relationship between what we value and how this affects our decisions and actions. Students will be invited to develop a deeper understanding of good and evil, the human condition, sin, conscience formation, and responsibility as part of mature, good decision making. Further, this course will put these Catholic teachings into practice as they apply to an array of contemporary moral issues.

Rel. 9420

Introduction to Ancient and Catholic Philosophy

A one-semester course

This course is open to juniors and seniors.

"Philosophy of Life" is concerned with the way people develop and utilize a personal worldview. We will examine such questions as: What is truth? What is reality? What does it mean to be human? and What does it mean to live a life of value? As this is a Catholic school, we will reflect on the way humans think, perceive, and act in the light of the way Jesus lived and taught. The aim is to expose students to the art of critical thinking and to engage them in learning as active, creative human beings. The assignments are designed to appeal to a number of different learning styles and intelligences.

Rel. 9430

Understanding Faith Through Body, Mind, and Spirit

A one-semester course

This course is open to juniors and seniors.

For too long, people have been raised with the notion that individuals were made up of separate components (a body, a mind, a spirit) that acted independently of each other. Following such an approach to life can result in a fragmented existence. The “great ones” throughout history – whether inspirational leaders, artists, musicians, or athletes – were the ones who managed to integrate all three components in their lives, thus recapturing the unified view of the person as found in the Bible. The purpose of this course is to seek a holistic outlook, to erase the boundaries that have prevented a fuller appreciation of all that life has to offer and, ultimately, to see wholeness as a path to holiness: life as it is meant to be through Catholic teachings.

Rel. 9470

Catholic Social Justice

A one-semester course

This course is open to juniors and seniors. Space is limited.

The course will examine many justice issues of the world in which we live. Scripture and the principles of Catholic Social Teaching are taught as a basis for understanding and exploring current issues with which our society is faced. Through application of information given in the class, we can truly understand what “doing justice” is. Topics discussed include (but are not limited to) prejudice, racism, poverty, the death penalty, and the environment.

Rel. 9530

Jesus and Film

A one-semester course

This course is open to juniors and seniors. Space in this class is limited.

This course seeks to explore how themes in Catholic Scripture are portrayed in film. We will examine images of Jesus and other Biblical characters from the perspectives of the Gospel and, using this Biblical lens, identify Christ-like characters in classic and contemporary films.

Rel. 9590

Religions of the World

A one-semester course

This course is open to juniors and seniors.

Throughout human history, religion has been a source of both peace and conflict for humanity. The purpose of this course is to provide an opportunity for students to respectfully and critically explore the tenets, practices, and spirituality of the religions of the world. Topics will range from ancient, primitive religions to the major religions that are practiced today. Students will discover that by approaching diverse religious beliefs with intelligence and openness, religion can be a source of healing and unity rather than of strife and division.

PLEASE NOTE: Students taking this course for [college credit](#) must submit a research paper or project.

Rel. 9610

Contemporary Franciscan Living

A one-semester course

This course is open to juniors and seniors.

This course is an overview of Franciscan living in the contemporary world. Students will study the spirituality of St. Francis and St. Clare and will make practical applications to their daily life. An emphasis will be on developing Franciscan leadership skills that will enable students to be good stewards at home, in school, and in their communities. Students will learn to develop and maintain a loving, lifelong relationship with God, self, other human beings, and all of creation using the rich Franciscan Tradition as a guide.

Rel. 9620

Influential Women of Faith

A one-semester course

This course is open to juniors and seniors.

This course is designed to look at the women of the Hebrew and Christian Scriptures and modern day Catholic female saints. Using a thematic approach, we will look at their stories through the lens of wisdom, courage, friendship, perseverance, and leadership. By exploring the lives of these women, we will discover how their stories and faith can teach us about how to live holy lives, help us have a better understanding of the whole human experience, and explore how God can work through each of us today.

Rel. 9630

Sacramental Healing Powers of God's Grace

A one-semester course

This course is open to juniors and seniors.

This course will examine the power of the Catholic Sacraments -- the visible signs of God's invisible grace at work in the world -- and how they help us to respond to the universal call to holiness. This course will be organized around the history and origins of the Seven Sacraments: Baptism, Eucharist, Confirmation, Reconciliation, Anointing of the Sick, and Holy Orders. The course will focus on three dimensions of grace: Identity, Healing, and Vocation.

Rel. 9660

Theology of Love and Human Sexuality

A one-semester course

This course is open to seniors.

This course helps students understand God's gift to them: their sexuality. We will take a holistic approach to the study of the biological, relational, and moral components of this rich aspect of our humanity. The goal is for students to grow in self-awareness and confidence and expand their ability to make healthy, mature sexual decisions based on the teachings of the Catholic Church.

SCIENCE

The Science Department offers a comprehensive, in-depth program of study in the physical, life, and environmental sciences. The Science Department offers all four New York State Regents courses: Earth Science, Chemistry, Physics (Physical Setting) and Biology (the Living Environment). We also offer four Advanced Placement courses: Physics AB, Chemistry, Biology, and Environmental Science. Students may participate in authentic Science Research, a 3-year sequence of courses that emphasizes the research process and presentation of a final research report.

PLEASE NOTE: All students **must** take **three** years of Science and must pass at least **one** Science Regents exam in order to graduate. Students may use up to one (1) credit of Computer Science to fulfill the requirement of three (3) units of Science.

BIOLOGY

Sci. 1216

Advanced Placement Biology

A two-semester course

This course is open to **sophomores**.

Sci.1216 requires departmental approval and a teacher recommendation.

This course introduces advanced material in the biological sciences and laboratory methods which are intended to provide students with an intensive course in college-level biology. Students will take the Advanced Placement Biology exam in May. Students will also take the New York State Regents exam in June.

Sci. 1260

Biology: Living Environment

A two-semester course

This course is open to 9th-graders.

This course is a Regents course covering the Living Environment curriculum. Students study genetics, ecology, the cell, and other aspects of the natural world. All students take the New York State Regents exam in June.

EARTH SCIENCE

NOTE: Freshmen must score a grade of 85 or better on the Living Environment (Biology) Regents Exam to enroll in Earth Science.

Sci. 1120

Earth Science

A two-semester course

This course is open to sophomores and freshmen who have already taken Biology.

This course offers a comprehensive view of geological processes and materials, meteorology, oceanography, and planetary and biological evolution. The core curriculum embodies principles relating to the disciplines of chemistry and physics at the foundation level. All students take the Regents exam in June.

Sci. 1140

Earth Science, Honors

A two-semester course

This course is open to sophomores.

Sci. 1140 requires departmental approval.

This course is a Regents course similar in content to Sci. 1120 but is conducted on a more intensive basis.

CHEMISTRY

Sci. 1300

Chemistry, Honors: the Physical Setting

A two-semester course

This course is open to juniors and seniors.

Sci. 1300 requires departmental approval.

The course is a Regents course similar in content to Sci. 1320 but will be conducted on a more intensive basis for students with higher interest and performance in the sciences and mathematics.

Sci. 1320

Chemistry: the Physical Setting

A two-semester course.

This course is open to juniors and seniors.

This Regents course presents a modern view of chemical theory and experimental practice. An integral part of the course will be the application of chemical concepts, calculations, and the observation, recording, and presentation of experimental information gathered through laboratory experiences. The relation of chemical theory to laboratory findings is emphasized. Laboratory work is designed to encourage students to perceive scientific relationships through personal experience and to acquire essential skills and techniques.

PHYSICS

Sci. 1400

Physics, Honors: the Physical Setting

A two-semester course

This course is open to seniors and juniors who are enrolled in their third year of mathematics.

Sci. 1400 requires departmental approval.

This course is more comprehensive than Sci. 1410 in its presentation of the fundamental concepts of classical and modern physics. The course includes more advanced applications of physics principles and additional practice in problem solving and mathematical methods. The mandatory laboratory work involves more extensive analysis of data and results and reasoning in drawing conclusions. This course is intended to prepare students to succeed in a rigorous college physics course. It provides essential practice in the use of the scientific method in problem solving, advancement of techniques in laboratory work, and development of critical thinking skills. In addition to the basic physics curriculum, the course includes the following topics: high and low temperature physics; geometric optics, lenses, and optical instruments; electromagnetism; and radioactivity and nuclear energy. Please be advised that success in this course is dependent upon on mastery of concepts in the Physics component of Advanced Physical Science and Algebra 2.

* It is not advisable for students who struggled in Algebra 2 and Chemistry to register for Physics.

Sci. 1410

Physics: the Physical Setting

A two-semester course

This course is open to seniors and juniors who are enrolled in their third year of mathematics.

This course is a basic Physics course that presents the fundamental concepts of classical and modern physics for high school students. This work includes extensive practice in appropriate mathematical methods and mandatory laboratory work that is integral to the course of study. The course provides practice in the use of the scientific method that is needed to succeed in a first-year college science course. Outcomes will include advancement in techniques of problem solving and laboratory work and development of critical thinking skills. The major units of study are mechanics, energy, waves and sound, light and optics, electricity and magnetism, and modern physics. Please be advised that success in this course is dependent upon on mastery of concepts in the Physics component of Advanced Physical Science and Algebra 2.

* It is not advisable for students who struggled in Algebra 2 and Chemistry to register for Physics.

ELECTIVES

Sci. 1020 (Z period)

Sports Physiology and Kinesiology Mechanics

A one-semester course

The course is open to juniors and seniors.

Sci. 1020 requires an [**application**](#).

Sports Physiology and Kinesiology Mechanics will investigate the biology, chemistry and physics of training and sports. Nutrition and biomechanics will be covered as well as injury prevention. Techniques for increasing strength, endurance, and flexibility will be presented. Various nutritional regimes and supplements will be examined. Each student will apply geometry, trigonometry, and algebra to assess the body mechanics of each student, and a training routine will be developed from those calculations. There will be teacher presentations, reaction papers of internet material, and student group projects.

Sci. 1040 (X Period)

Biotechnology

A one semester course

This course is open to all seniors and juniors who have completed Biology or AP Biology.

Sci. 1040 requires departmental approval.

Biotechnology is a laboratory skills course with real-world applications. This course will expose students to cutting-edge technology and prepare them for a future in the rapidly emerging biotechnology and green engineering fields. With an emphasis on preparing students for jobs of the future, this course will focus on the following areas: developing key skills with lab activities; encouraging students to consider the broader implications of biotechnology with bioethics case studies; broadening occupational awareness with profiles of careers in biotech; stimulating interest by connecting the skills students are developing with applications in the real world of biotechnology; doing independent research.

Sci. 1080 (Z Period)

Science Research, Honors

A two-semester course

This course is open to sophomores.

Sci. 1080 requires departmental approval.

Science Research allows students the opportunity to choose a topic of interest and conduct their own, novel research experiment. Students may choose any field they are interested in as long as they can take a scientific approach to the material. Sophomores will learn how to narrow their interest to a specific area of focus, read professional journal articles, and search for a mentor working in their field of interest. Students will also develop their public speaking, organizational, and time-management skills. While this is designed to be a three-year program, students have the option to try it out for sophomore year only, though they may not drop mid-year. This is the only entry point. Once students have secured a mentor, they are committed to the program through senior year. After finding a mentor, students will begin to develop their own research project, design and implement data collection, and showcase their findings in a variety of different formats. Seniors will enter their work in several local and national competitions for recognition. All students in the program are required to participate in the annual symposium. This class will meet every day before school.

Sci. 1100

Advanced Physical Science, Honors

A two-semester course

This course is open to 9th-graders.

Sci. 1100 requires departmental approval based on TACHS scores.

This course will emphasize critical thinking skills so that students may become proficient and creative in their inquiry of science. Beginning with an introduction to the scientific method and inquiry, the course then applies these skills to aspects of chemistry and physics. These disciplines will be covered at a basic level so as to engage the students and lay the foundations for future study in these disciplines. The course is conducted on an intensive and accelerated basis for students with particular interest and ability in science.

Sci. 1430

Marine Biology

A one-semester course

Sci. 1430 requires departmental approval.

This course is open to seniors who have taken Biology.

This course is designed for students with an interest in developing a basic understanding of the marine environment. Major areas of study will include a general overview of marine sciences, the taxonomy of marine organisms, the structure of marine ecosystems, and an in-depth look at the relationship between humans and the sea. A research paper and presentation will be required by the end of each quarter.

Sci. 1450

Human Anatomy and Physiology

A one-semester course

This course is open to juniors and seniors who have taken biology and chemistry.

Sci. 1450 requires an [application](#).

The course is a systematic approach to the human body, anatomically and physiologically. This course will provide the student with the background for future courses in the allied health fields. Laboratory work is an integral part of the course. Students pursuing a career in nursing, medical technology and nutrition are candidates for this course.

Sci. 1470

Forensic Science

A one-semester course

Sci. 1470 requires an [application](#).

This course is open to seniors and juniors. Sci. 1470 requires departmental approval. Acceptance requires an overall GPA of 85% with a minimum of 82% in any science course. Chemistry is a pre or corequisite.

Forensic science is a multidisciplinary survey of the science behind crime scene investigation and evidence processing. Coursework is developed using the scientific method in a guided process and student centered learning environment in the lab.

PLEASE NOTE: Prerequisite or corequisite: Chemistry

Sci. 1480

Practical and Theoretical Astronomy

A one-semester course

This course is open to juniors and seniors.

The course is for students interested in studying theoretical, practical, and observational aspects of astronomy. The course will utilize a wide variety of instructional approaches, including audio-visuals, lab activities, and lectures, which will provide the students with a basic knowledge of astronomy. The most important component of this course is the use of the Internet for observing solar system phenomena and stellar and galactic life cycles as seen through telescopic and space probe observations. Students will keep a daily diary based on information supplied through the Astronomy Picture of the Day (APOD) and classroom simulations using state-of-the-art software.

Sci. 1495 (X Period)

Science Research, Honors

A two-semester course

This course is open to juniors and seniors. This section meets after school.

All students in the program are required to participate in the annual symposium.

Sophomores: Please read the course description for 1080. Only sophomores enrolled in an Art or Music class during Z period will be allowed to enroll in this section. Sophomores will meet after school on Mondays and Wednesdays and will meet with teachers during a free period every other cycle.

Juniors: Juniors will continue their mentor searches if necessary and begin to design and implement their final project. They will meet after school on Mondays and Wednesdays.

Seniors: Seniors will work on finalizing their projects and then move to showcasing it in a variety of different formats. They will enter their work into several local and national competitions for recognition.

Sci. 1610

Modern Genetics

A one-semester course

This course is open to juniors and seniors.

Genetics is a one-semester course that will focus on the concepts of Mendelian and modern genetics and technology. The course will study genomes and diseases in order to make evolutionary comparisons to emphasize problem solving, critical thinking, and applied biological concepts. Students will utilize hands-on, modern genetics techniques to complete open-ended projects.

Sci. 1060

Bioethics and Medical Ethics

Bioethics/Medical Ethics is an open enrollment semester course for juniors and seniors. Students will use their science knowledge to make informed, thoughtful decisions on current bioethical issues. (I.e. allocation of healthcare, organ donation, legalization of street drugs, and environmental ethics to name a few). The course will promote respectful dialogue among students with diverse views and cultivate critical thinking.

AP SCIENCE OFFERINGS**Sci. 1536**

Advanced Placement Environmental Science

A two-semester course

This course is open to juniors and seniors.

Sci. 1536 requires an [application](#).

This course will deal with the principles of ecology and their relationship to environmental problems. This course examines the intersectionality between the physical and living worlds and places special attention on the role that humans play in interacting with these systems. The course brings together concepts from ecology, geology, public health, chemistry, and social justice. The class will integrate readings on current events such as global warming, climate change, access to clean, fresh water, and nutritious food sources, species and habitat destruction, and disease outbreaks. Students will read critically, use real life data to make calculations

to assess these issues, and write argumentatively using evidence to support their points. Students will have the chance to apply their skills in the field both outside of and during class at forests, freshwater and saltwater ecosystems, cemeteries, and wastewater treatment facilities. All students are required to sit for the AP Exam in May and have the opportunity to receive college credit through St. John's University for an additional fee. facing the world today. Within the framework of ecological principles, the course will cover energy and material cycles in nature, natural resources abundance and exploitation, population dynamics, and evolution. The impact of humans on the environment will be the major focus of the course. This course will have a double laboratory component and will have some fieldwork involving the ocean, lakes, rivers, and various terrestrial investigations. All students must take the Advanced Placement exam in May.

Sci. 1556

Advanced Placement Biology

A two-semester course

This course is open to juniors and seniors who have taken biology and chemistry.

Sci. 1556 requires an [application](#).

Advanced Placement Biology is a second course in biological sciences designed to give the student a comprehensive and in-depth investigation into the phylogenetic survey of basic physiological functions, modern molecular genetics, developmental biology, and the biochemistry of living systems. Laboratory work is integral to this study. A research paper, or project is required. All students must take the Advanced Placement exam in May.

Sci. 1576

Advanced Placement Chemistry

A two-semester course

This course is open to juniors who have taken A.P. Biology and juniors and seniors who have completed one year of Chemistry.

Sci. 1576 requires an [application](#).

This course is designed for students who have shown previous, superior performance and demonstrate a high interest in chemistry. The major areas covered are: periodic table and atomic structure, kinetics and thermodynamics, physical characteristics of states of matter, and a detailed study of a representative group of elements. Laboratory work emphasizing the techniques of a chemist is integral to the course of study. All students must take the Advanced Placement exam in May.

Sci. 1596

Advanced Placement Physics

A two-semester course

This course is open to seniors who have completed one year of physics; other students must see the Science department chairperson.

Sci. 1596 requires an [application](#).

This course is designed for students with a high level of interest and achievement in the physical sciences and for those who wish to pursue engineering in college. It is equivalent to a first-semester college course in Algebra-based Physics. The course covers Newtonian mechanics (including rotational dynamics); work, energy, power; and mechanical waves and sounds. All students must take the Advanced Placement Physics 1 exam in May.

SOCIAL STUDIES

Perhaps the central fact of our age is that, for the first time in history, we live in an inter-related, multicultural world. The Social Studies program is designed to foster and develop global awareness – to see the differences in peoples and learn to appreciate them. It is geared to help us recognize that to be different, or to do things differently, is not to be wrong. It helps us to understand the way others think, behave, and make decisions. The program instills in the students a desire to meet the challenges of a fast-changing world scene, of moving toward a global community in which peace, social justice, and quality of life play a major role.

Z PERIOD OFFERINGS

Soc. Stu. 8020 (Z Period)

Global History II

Soc. Stu. 8020 requires [pre-registration](#). The course is limited to 35 students.

See Soc. Stu. 8220 for details.

Soc. Stu. 8040 (Z Period)

United States History and Government

Soc. Stu. 8040 requires [pre-registration](#). The course is limited to 70 students.

See Soc. Stu. 8320 for details.

Soc. Stu. 8076 (Z Period)

Advanced Placement Psychology

A two-semester course

This course is open to seniors only.

Soc. Stu. 8076 requires an [application](#) and departmental approval. A minimum of a 92 average in Social Studies and Biology required. Additionally, excessive lateness and absences will preclude you from the course.

This course will introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the facts, principles, and phenomena of the major subfields in psychology. They will also learn about the methods psychologists use in their science and practices. Students who take Soc. Stu. 8076 may **not** take Soc. Stu. 8550. Students are **required** to take the AP examination in May.

FRESHMAN AND SOPHOMORE COURSE OFFERINGS

The emphasis of this two-year program is to help students gain a global view of humankind's development from earliest civilizations to the present. A comprehensive final exam is required at the end of Global History I; a Regents Examination is required at the completion of Global History II.

Soc. Stu. 8100

Global History I, Honors

A two-semester course

This course is open to freshmen.

Soc. Stu. 8100 placement is determined by the Department Chairperson.

The course content is similar to that of Soc. Stu. 8120 but a more in-depth approach is required through written and oral assignments which include knowledge of current events, outside readings and research, book reports, analytical essays, oral presentations, and projects.

Soc. Stu. 8120

Global History I

A two-semester course

This course is the standard course for freshmen.

The emphasis of this course is to gain a global view of humankind's development from the earliest civilizations of Egypt, Mesopotamia, China, and India to the beginning of Modern European history (circa 10,000 B.C. - 1700 A.D.)

Soc. Stu 8136

Advanced Placement World History I

A two-semester course

This course is open to freshmen.

Soc. Stu. 8116 placement is determined by the Department Chairperson.

This course emphasizes the nature of change in international frameworks, their causes and consequences, and comparisons among societies. It focuses on relevant factual knowledge used in conjunction with leading interpretive issues and types of historical evidence. A.P. World History is a two-year course. Students who take the course in freshman year must continue and complete the course in sophomore year. Students will take the A.P. exam in May of the second year.

Soc. Stu 8200

Global History II, Honors

A two-semester course

This course is open to sophomores.

Soc. Stu. 8200 requires an [application](#) and departmental approval. The minimum Social Studies GPA needed for consideration is a 92 average.

This Regents course reviews many of the topics from Soc. Stu. 8120 and covers topics similar to those in Soc. Stu. 8220. A more in-depth approach is required through written and oral assignments which include outside readings and research, book reports, analytical essays, oral presentations, and projects. Current events are also an integral part of the course.

Soc. Stu 8220

Global History II

A two-semester course

This course is the standard course for sophomores.

The emphasis of this Regents course is the study of the development of the modern world from the Enlightenment to the present. Concepts such as revolution, imperialism, nationalism, socialism, communism, and war in the Western and non-Western world will be investigated.

Soc. Stu. 8236

Advanced Placement World History II

A two-semester course

Soc. Stu. 8236 requires an [application](#) and departmental approval. **Students must have taken Soc. Stu. 8136.**

This course is the second part of the A.P. World History curriculum. Students will continue the work they completed in AP World History I to prepare in both content and skill for the AP examination. Students are **required** to take the A.P. examination in May.

JUNIOR COURSE OFFERINGS

PLEASE NOTE:

All Juniors that have not taken the US History Regent **must** take either Soc. Stu. 8040, 8306, 8310, or 8320.

Junior students **that have taken and passed the US History Regents** in junior high school may take either 8306, 8426 or 8540 and 8440.

Soc. Stu. 8306

Advanced Placement American History

A two-semester course

This course is open to juniors.

Soc. Stu. 8306 requires an [application](#) and departmental approval. The minimum Social Studies GPA needed for consideration is a 95 average.

A.P. American History will provide students with the analytical skills and factual knowledge necessary to deal with problems and materials in American history. The course should equip students to deal with intermediate and advanced college courses. Students will learn to assess historical materials, their relevance to an interpretive problem, and their reliability. Students will analyze and interpret primary sources, including documentary materials, maps, statistical tables, cartoons, and graphic evidence. Students must be willing and able to work independently to study for exams and to research and write theme essays. Students are **required** to take the A. P. examination in May.

Soc. Stu. 8310

United States History and Government, Honors

A two-semester course

This course is open to juniors.

Soc. Stu. 8310 requires an [application](#) and departmental approval. The minimum Social Studies GPA needed for consideration is a 92 average.

This course will cover similar topics to those in Soc. Stu. 8306 and 8320 but these will be explored in a more in-depth approach using research, discussions, presentations, and projects as an integral part of the course.

Soc. Stu. 8320

United States History and Government

A two-semester course

This course is the standard course for juniors.

The course is designed to enable students to explore the past history of the United States from the founding of the Republic to the present. It will focus attention on significant political, economic, and social developments from both a chronological and conceptual approach. The role of the United States as a nation in a world community will be presented through our domestic and foreign policies. Stress will be placed upon the critical analysis of these events.

SENIOR COURSE OFFERINGS

PLEASE NOTE: Students must take four units of Social Studies during their 4 years.

In courses open to juniors and seniors, the registration needs of seniors are given priority.

Juniors and seniors are **limited** to taking **1.5 credits** of Social Studies.

Soc. Stu. 8426

A.P. Human Geography

A two-semester course

This course is open to juniors who have taken the US History Regent and seniors.

Soc. Stu. 8426 requires an [application](#) and departmental approval. The minimum Social Studies GPA needed for consideration is a 92 average.

This course will introduce students to the study of movement of peoples and ideas in various environments and how this interaction shaped the human understanding, use and alteration of the Earth's surface. Students will study the various aspects of geography through case studies, analysis and investigations of different viewpoints and sources. Students are **required** to take the AP Examination in May.

Soc. Stu. 8430

Introduction to Sociology

A one-semester course

This course is open to seniors and requires [pre-registration](#).

Sociology is the study of human relationships in the context of the world we live in. The course focuses on the major issues that affect all of us in the world today. The course will explore the similarities and differences of different cultures both in the US and abroad. We will study how our world has socialized us and continues to develop us as individuals and in a society. We will develop an understanding of what deviant behavior is and why people commit such acts. We will also examine the differences in money and social class that exist today in the US. Finally, we will explore the concept of aging and death. Students will be required to purchase a short novel for this purpose.

Soc. Stu. 8440

Introduction to Economics

A one-semester course

This course is open to juniors and seniors only and requires [pre-registration](#). All incoming juniors who have taken the US History Regents exam in 8th grade and are not taking 8306 or 8426 must take this course and 8540.

This course is an introduction to economic concepts, theories, and practices. Topics include comparative economic systems, price and wage determination, business organization, labor organization, economic performance, income distribution, business cycles, money, banking, Federal Reserve policy, public finance, and international trade and finance. An in-depth analysis of the Stock Market will be an integral part of the class.

Soc. St. 8450

Forensic Criminology

A one-semester course

This course is open to seniors only and requires [pre-registration](#).

This course will be instructed as a study of forensics and criminal investigations under the social studies umbrella. Students will use textbooks to learn of the different types of evidence left at a crime scene, how to collect and secure that evidence, and the potential results of laboratory examination of that evidence for the purpose of arresting a suspect and court prosecution. **PLEASE NOTE:** Some of the images viewed in this course may be disturbing. A small materials fee may be required.

Soc. Stu 8460

Criminal Justice

A one-semester course

This course is open to seniors only and requires [pre-registration](#).

The course is designed to demonstrate the nature of criminal law and the criminal justice process, from arrest through trial. It will offer a comprehensive examination of our criminal justice system, including the police, the courts, and prisons. Topics include the following: crime and the criminal, criminal defenses, the rights of the victim and the accused, search and seizure, plea bargaining, and sentencing. There will also be a heavy concentration on current and ongoing court cases in the news. Students may be required to purchase a paperback novel.

Soc. Stu. 8470

Contemporary World Issues

A one-semester course

This course is open to juniors and seniors only and requires [pre-registration](#).

This course is designed to examine opposing sides of issues that are prevalent in today's global society. Students will examine these issues in America, investigate global issues, and debate conflicting sides of an issue. Topics may include the role of the United States in regional and international tensions, human rights issues, environmental concerns, globalization and international organizations; we will also discuss domestic concerns such as gun violence, health care, and socioeconomic issues. Much of the class will be guided by current events and debates.

Soc. Stu. 8480

History of World War II

A one-semester course

This course is open to juniors and seniors and requires [pre-registration](#).

There is perhaps no other armed conflict in world history that has had the same impact upon humanity as the Second World War. This course will study the many causes of the war, the time period of the war itself (1939-1945), and the effects -- both long-term and immediate -- the war would make upon society. The course is geared toward those students who, after having studied the war earlier in high school, are interested in learning more about it.

Soc Stu. 8490

History of New York City

A one-semester course

This course is open to seniors and requires [pre-registration](#).

The purpose of this course is for students to explore the political, social, and economic issues and events surrounding the history of our great city. Topics will include Dutch settlement, British takeover, American Revolution, the industrial metropolis, Central Park, the Civil War, Age of Bosses, and the Brooklyn Bridge. We will also study immigration, skyscrapers, the Depression and the New Deal, World War II, the United Nations, Wall Street, and the aftermath of September 11, 2001. Tours and trips to the city will be a requirement.

Soc. Stu. 8516

A.P. European History

A two-semester course

This course is open to seniors only.

Soc. Stu. 8516 requires an [application](#) and departmental approval. The minimum Social Studies GPA needed for consideration is a 92 average.

Students in this course will evaluate, describe, and analyze themes of modern European history, from the Renaissance to the present. This class requires an extensive amount of outside reading and in class discussion. Students will also read primary source material and write critical essays. All students are **required** to take the A.P. European History exam in May.

Soc. Stu. 8530

Senior Honors Research Seminar

A two-semester course

This course is open to seniors only.

Soc. Stu. 8530 requires an [application](#) and departmental approval. The minimum Social Studies GPA needed for consideration is a 92 average.

Students in this course will have the opportunity to research a topic of their own choosing while learning collegiate level research analytical skills. Students will meet as a group and in one-on-one sessions to collaborate on their research. This course requires departmental approval and application

Soc. Stu. 8540

Participation in Government

A one-semester course

This course is open to juniors and seniors.

All incoming juniors who have taken the US History Regents exam in 8th grade and are not taking 8306 or 8426 must take this course. These students must also take Introduction to Economics (8440.)

Soc. Stu. 8540 requires departmental [pre-registration](#).

Participation in Government concentrates on the basic mechanisms of American government as well as the major issues which confront American society. Through readings, research, and discussion, students grapple with how best to resolve issues which elude easy solutions. Much of the discussion promotes values clarification through identifying and exploring the conflicting values which underpin political decision-making. This course gives students a broad overview of the American system of

government, including the constitution, branches of government, the electoral process, citizenship, etc. In addition, the course addresses a series of important contemporary issues, including race, gender, and those issues associated with everyday life. This course will promote the values of being an active citizen in a democratic society.

Soc. Stu. 8546

Advanced Placement Macroeconomics

A two-semester course

This course is open to seniors only.

Soc. Stu. 8546 requires an [application](#) and departmental approval. The minimum Social Studies GPA needed for consideration is a 92 average.

This course is an introductory college-level course that focuses on the principles that apply to an economic system as a whole. It places particular emphasis on the study of national income and price-level determination; it also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts. Students are **required** to take the A.P. examination in May.

Soc. Stu. 8550

Introduction to Psychology

A one-semester course

This course is open to seniors only.

Soc. Stu. 8550 requires departmental [pre-registration](#).

As an introduction to the science of behavior, this course will cover the major areas of psychological research. Through a balanced presentation of differing theoretical perspectives, an understanding of the basic facts, principles, and methods of psychology will be sought. Topics include: developmental theories, personality, learning, consciousness, and abnormal psychology. Students may not take Soc. Stu. 8076 (AP Psychology) if they take this class.

Soc. Stu. 8586

Advanced Placement United States Government and Politics

A two-semester course

This course is open to seniors only.

Soc. Stu. 8586 requires an [application](#) and departmental approval. The minimum Social Studies GPA needed for consideration is a 92 average.

This course includes both the study of general concepts used to interpret U.S. politics and the analysis of specific examples. Topics will include political beliefs and behaviors, institutions of national government, public policy, civil rights and civil liberties, and political parties, interests groups, and mass media. Students are **required** to take the A.P. examination in May.

Soc. Stu. 8920

Cold War Independent Study

This course is open to all students. Students may only take this course once for credit.

This course requires travel to Germany and hosting a student in your own home. This course must be taken **in addition** to required courses in Social Studies. Please contact the Department Chairperson for more information.

This course is an independent study course that is part of the German exchange program. Students are required to spend two weeks in the Summer in Germany with students from our partner school, living with a German family and learning about German culture and history. Students will then host German students in the Fall so they may have the same experience in the United States. Prior to the experience, students will meet with a faculty member to discuss and choose a research project they must complete. Students are required to pay for the trip to Germany. *Course is contingent on State Department travel guidelines.

WORLD LANGUAGES

The study of a world language requires a developmental approach and implies a progressive acquisition of linguistic skills. The values gained from learning a language will be related to the amount of time and effort devoted to it. The study of another language brings about a gradually expanding and deepening knowledge of the country, people, geography, history, social institutions, and culture of the people who speak the particular language. As a consequence, we acquire a better perspective on our own culture.

SPANISH COURSES

Span. 3110

Spanish I

A two-semester course

This course is open to 9th-graders who have had no previous or minimal instruction in the language. This introductory Spanish course focuses on developing understanding, speaking, reading, and writing skills. In addition, the integration of culture will be incorporated providing students an understanding of others' viewpoints and various cultural identities and putting the language into context.

Span. 3120

Spanish II, Honors

A two-semester honors course

Span. 3120 requires departmental approval.

This course is for any student who excels in Spanish 1 and exhibits a high degree of interest in the Spanish language. The course is a continuation of the first year of Spanish study at an **honors** level. The four language skills of understanding, speaking, reading, and writing will be creatively used for communication, learning, and personal enrichment. The course presents a deeper understanding of the basic behavioral and cultural patterns of other lands. The integration of culture will be incorporated weekly, providing students an understanding of others' viewpoints and various cultural identities and putting the language into context.

A teacher recommendation and a final average of 95% in Spanish 1 is required in order to be eligible to take the placement exam in January for those students that are interested in taking this course.

Span. 3122

Spanish I Advanced

A two-semester honors course

Span. 3122 departmental approval.

The course is at an honors level and is designed to encourage students to develop a more intensive knowledge of Spanish by broadening their grammatical, reading, listening, and speaking skills in an accelerated program. Students in this level will have the opportunity to study Spanish at a faster pace and take the FLACS Regents exam at the end of sophomore year. The integration of culture will be incorporated weekly, providing students an understanding of others' viewpoints and various cultural identities.

Students must obtain 97% or higher on the Spanish Proficiency Exam, pass the Placement exam with an 85% or above, or do exceptionally well on the verbal exam.

Span. 3130

Spanish II

A two-semester course

Span. 3130 is open to students who have completed Spanish I.

This course is a continuation of the first year of a world language study in which the four language skills of understanding, speaking, reading, and writing will be creatively used for communication, learning, and personal enrichment. The course will also pursue a deeper understanding of the basic behavioral and cultural patterns of other lands.

Span. 3132

Spanish II, Advanced

A two-semester honors course.

Span. 3132 requires departmental approval.

This is a continuation of the *first* year of Spanish I Advanced at an **honors level** in which the four language skills of understanding, speaking, reading, and writing will be creatively used for communication, learning, and personal enrichment. In addition, the integration of culture will be incorporated providing students an understanding of others' viewpoints and various cultural identities and putting the language into context.

A teacher recommendation and a final average in the language of 95% in their first year is required. There will be a placement exam in January to advance to the Spanish II Advanced course.

Span. 3140

Spanish III, Honors

A two-semester honors course

Span. 3140 requires departmental approval. It is open to students who have completed Spanish II or Spanish II Honors.

This intensive course is designed for students who have acquired a solid foundation in Spanish level 1 and Spanish level II and have demonstrated special ability in the language. Students in this course will increase their competence in the basic skills as they acquire knowledge about daily life in the Spanish-speaking world.

A teacher recommendation and a cumulative average of 95% or higher average in levels I and II are required in order to take the qualifying exam through which students can gain acceptance to the course.

Students currently in Spanish II Honors must attain an average of 90% or higher in order to continue in level III without taking a qualifying exam or the approval of the current Spanish III Honors' teacher. The curriculum also includes preparation for the FLACS Regents exam, which is the final at the end of the year.

Span. 3150

Spanish III

A two-semester course

This course is open to students who have completed Spanish II. This course will seek to increase competence in understanding the language, to further the ability to speak it correctly, to develop writing skills, and to improve students' ability to read with direct comprehension. The course will also pursue a deeper understanding of the basic behavioral and cultural patterns of other lands. Students take the Spanish III FLACS Regents exam in June.

Span. 3160

Spanish IV Language and Culture

A two-semester course

Span. 3160 has limited enrollment and requires departmental approval.

is open to students who have completed Spanish III, Spanish III Honors or Spanish II Advanced.

This course is designed to broaden and deepen knowledge of the Spanish-speaking world and the Spanish language; it is designed for enthusiasts of culture and language. The class includes grammar review and vocabulary expansion on an "as-needed" basis. Students will view popular Spanish-language film excerpts and youtube videos and explore the world of literature, culture, and tradition. Students must obtain an average of 90% or higher to qualify for the course.

Span. 3176

Advanced Placement Spanish Language

A two-semester course

Span. 3176 has limited enrollment and requires departmental approval in addition to a final grade of 94% average in the language.

Span. 3176 is open to native Spanish students who have completed Spanish II Advanced or exceptionally able non-native students who have completed Spanish III or Spanish III Honors. Students are required to take a written test as part of their qualifying exam.

Span. 3176 requires departmental approval and a final grade of 94% average in the language. Enrollment is limited.

This course is intended for those who have chosen to develop their proficiency in all four language skills: listening, speaking, reading, and writing. The culture, customs, and traditions of the Spanish-speaking world will be explored through literary selections.

Students must take the Advanced Placement Language examination in May.

Span. 3182

Spanish Conversation

A two-semester course

Span. 3182 has limited enrollment and requires departmental approval.

Interested students must have a willingness to converse in Spanish.

Span. 3182 is open to students who have completed Spanish III, Spanish III honors, or Spanish II Advanced.

This course requires departmental approval and a final grade of a 90% average in the language.

This is a course designed to develop audio-lingual skills in the Spanish language. The focus will be on speaking and understanding the language used in daily communications and in developing techniques and vocabulary for conversation and discussion. An exploration of the cultural background, customs, and traditions of the Spanish-speaking world will be offered through oral conversations and presentations.

FRENCH COURSES

Fren. 3210

French I

A two-semester course

This course is open to freshmen who have had no previous instruction in the language or who are not prepared for French II and for juniors and seniors who wish to begin a second language. The course is an introduction to French. The main focus is to develop understanding, speaking, reading, and writing skills. In addition, developing a deeper understanding of the behavioral and cultural patterns of other lands is a goal.

Fren. 3230

French II

A two-semester course

This course is open to students who have completed French I.

The course continues development of the four language skills of understanding, speaking, reading, and writing by using them creatively for communication, learning, and personal enrichment. In addition, developing a deeper understanding of the behavioral and cultural patterns of other lands is a goal.

Fren. 3240

French III, Honors

A two-semester course

Fren. 3240 is open to students who have completed French II.

Fren. 3240 requires departmental approval.

This course is designed to broaden the student's basic skills. Special emphasis will be placed on studying cultural aspects of the French-speaking world and promoting appreciation of French literature through the reading selections. Creative writing techniques, along with direct comprehensive skills in listening and reading, will be sharpened. The French III FLACS Regents exam is taken in June.

Fren. 3250

French III

A two-semester course

Fren. 3250 is open to students who have completed French II.

This course is designed to further the students' study of French. Particular emphasis will be placed on speaking, auditory comprehension and writing skills. French culture and customs will be examined for a greater appreciation of the French contribution to the world. The French III FLACS Regents exam is taken in June.

Fren. 3260

French IV

A two-semester course

Fren. 3260 is open to students who have completed French III or French III Honors.

It requires departmental approval.

This course is designed to broaden and deepen the knowledge of the French-speaking world. It is designed for enthusiasts of French language and culture. Literature, history, culture, and customs of the individual countries will be included.

ITALIAN COURSES**Ital. 3310**

Italian I

A two-semester course

The course is an introduction to Italian. In addition to developing a deeper understanding of the behavioral and cultural patterns, the main focus of the course is to develop understanding, speaking, reading, and writing skills.

Ital. 3320

Italian II

A two-semester course

This course is open to students who have completed Italian I. Special attention will be given to the four language skills of understanding, speaking, reading, and writing to provide personal enrichment and to aid in communication and comprehension. The course will pursue a deeper understanding of the basic behavioral and cultural patterns of other lands.

Ital. 3340

Italian II, Honors

A two-semester honors course

Ital. 3340 requires departmental approval.

This course is a continuation beyond the introductory Italian courses. The emphasis is on aural/oral skills with the continued stress on vocabulary and grammar study in addition to proficiency in reading, listening, speaking and writing within cultural contexts. Students will be assigned in depth tasks in order to acquire language fluency more quickly. There is an increase in the use of Italian in class. A teacher recommendation and a final average of 95% in Italian 1 are required in order to be eligible to take the placement exam in January for those students who are interested in taking this course. There will be a placement exam in January to advance to the Italian II Honors course.

Ital. 3330

Italian III

A two-semester course

Ital. 3330 is open to students who have completed Italian II.

This course aims to increase competency through improving the ability to speak on relevant topics

and to attain direct comprehension when listening or reading. It also seeks to foster an appreciation of Italian literature and to enhance creative writing skills after the basics have been mastered. In addition, the course includes a variety of cultural topics pertaining to the curriculum.

The Italian III FLACS Regents exam is taken in June.

Ital. 3350

Italian III Honors

A two-semester course

Italian 3350 requires departmental approval and is open to students who have completed Italian II or Italian II Honors.

This course is designed for students who have acquired a solid foundation in Italian level I and II and have evidenced a special ability in the language. Students will increase their competence in listening, speaking, reading, and writing skills, emphasizing aspects of daily life in the Italian-speaking world through group and individual work.

A teacher recommendation and a cumulative average of 96% or higher average in level II are required in order to take the qualifying exam through which they can gain acceptance to the course.

Students currently in Italian II Honors must attain an average of 95% or higher in order to continue in level III without taking a qualifying exam or the approval of the current Italian III Honors teacher. The curriculum also includes preparation for the FLACS Regents exam which is the final at the end of the year.

Ital. 3360

Italian IV

A two-semester course

Ital. 3360 has limited enrollment and requires departmental approval. It is open to students who have completed Italian III and have obtained a final grade of 95%.

This course is for students who want to understand Italian culture in new and exciting ways. They will expand their knowledge of Italy through Italian cuisine, literature, art, film, and history. Students will gain a better understanding of Italian geography and the influence the 20 regions have on one another. In addition, students will comprehend the importance of accepting and embracing cultural differences.

Ital. 3376

Advanced Placement Italian

A two-semester course

Ital. 3376 has limited enrollment and requires departmental approval and a final grade of 94% in III Honors and a 97% in Italian III.

This course is designed to challenge students who are able, ambitious, and interested in continuing with the language and who have successfully completed the first three years of Italian. The course focuses on mastery of listening, speaking, reading, and writing skills in the target language and includes the following major units of study: refinement and expansion of Italian vocabulary; frequent written compositions of 150 words; listening comprehension of Italian lectures and short dialogues; and the use of all verb moods and tenses. In addition, students will learn about some Italian literature, art, culture, Italian cuisine, geography, etc. The class will be spoken mostly in Italian.

COURSE PLANNING SHEET

Student Name:		COR:		Date:				
Career/Major:		College/University:		Guidance Counselor:				
Freshman	C R E D I T	Sophomore	C R E D I T	Junior	C R E D I T	Senior	C R E D I T	Regents Exam / Graduation Requirements / Comment
*7:50am		*7:50am		*7:50am		*7:50am		*7:50 am class, if applicable
English		English		English		English		English
Social Studies		Social Studies		Social Studies		Social Studies		Global II: U.S.History:
Religion		Religion		Religion		Religion		
Phys. Ed		Phys. Ed		Phys. Ed		Phys. Ed		
Math		Math		Math				Alg I: Geometry: Alg. 2:
Foreign Lang.		Foreign Lang.						Foreign Language:
Science		Science		*Science				Earth: Biology: Chemistry: Physics:
Music/Art		Music/Art						Art: Music:
Extra/Alternate		Extra/Alternate		Extra/Alternate		Extra/Alternate		
								*if applicable: AP Exams SAT II Exams
Summer School		Summer School		Summer School		Summer School		*summer school class, if applicable
Total Credits	6.5	Total Credits	6.5	Total Credits	6	Total Credits	6	
G.P.A.		G.P.A.		G.P.A.		G.P.A.		

IMPORTANT REMINDERS:

1.If you are a transfer student please see your Guidance Counselor for course advisement. 2. 7:45am (Z Period) / Extra credits must be approved. 3.The third credit for *Science may be fulfilled with *computer science courses* (see item 4 for course options). 4. Computer Science Requirement (junior / senior year) can be fulfilled with specific courses from either *Art, Business, Computer, or Music Department* computer classes. 5. Health and Computer Science must be taken in Junior or Senior Year. 6. All students are encouraged to see their Guidance Counselor for advisement. 7. Please be mindful of ALL deadlines associated with the Course Selection Process. 8. **ALL Students must register online (www.sfponline.org) for Courses. Deadline is posted in course booklet.**

COLLEGE CREDIT PROGRAM

Detailed information for specific course offerings and registration can be located on the [SFP website](#).

SFP has an affiliation with St. Francis College, St. John's University and Pace University to provide an opportunity to earn college credit while in high school. These courses are taken at SFP and are among the student's regularly scheduled classes.

The credits earned may be transferable to the college a student attends after graduation. Each college determines eligibility of such credits.

It is strongly recommended that interested students do some research prior to registration for any college credit courses. Although college credit is accepted at many colleges and universities, there are some schools that may not accept earned credits. It is the students responsibility to gather this information before making the commitment to register in the program.

CRITERIA: Juniors: MUST HAVE 85 GPA. Seniors: MUST HAVE 80 GPA.

In addition to GPA, students must also demonstrate PSAT / SAT score of: 100 / 1000 (math / critical reading combined)

Registration takes place for the FALL in September. Registration takes place for the SPRING in January.

Specific days and times are located on the [school calendar](#) and website.

Registration takes place at SFP. Students must adhere to times and dates posted. SFP is responsible to complete all registrations in a timely manner to ensure applications are processed in accordance with the college's deadline.

There are a variety of courses available for college credit in the following subject areas:

Computer science	World Languages
Art	Religion
Music	Science
English	Social Studies

The listing of specific courses is located on the [SFP website](#).

COURSES OFFERED DURING Z PERIOD

Students who wish to take extra credits may take the following courses during Z period (**7:45 a.m.**):

Comp. Sc. 0030	Artificial Intelligence	Mus. 2540	Percussion Ens. H
Comp. Sc. 0050	Programming in Java	Mus. 2550	Chamber Orchestra H
Sci. 1020	Sports Phys. and Kinesiology	Art 2060	Mech. and Arch. Drawing
Sci. 1070	Science Research	Art 2070	Movement for Performers
Art 2000	CAD	Art 2090	Two-Dimensional Design
Mus. 2010	Chamber Choir	Art 2094	Two-Dimensional Design Sophs.
Mus. 2020	String Orchestra	Phys. Ed. 7010	Health
Mus. 2030	String Orchestra H	Soc. Stu. 8020	Global History II
Mus. 2040	Percussion Ensemble	Soc. Stu. 8040	U.S. History
Mus. 2050	Concert Band	Soc. Stu. 8076	A. P. Psychology

In order to take a class during Z period or to take extra credits, students must be in good standing academically and have good attendance and punctuality. Please make this decision carefully in consultation with your parents or guardians, teachers, and guidance counselors.

There is no request form for Z period or extra credits. Students should choose classes carefully and then register in the usual way.

IMPORTANT: Students who have a problem with their registration will be contacted. Students will be removed from classes they do not qualify for.

**** IMPORTANT:** Only students who are taking more than the required number of credits may take a course during the 7:45 a.m. period (Z period). The exception to this restriction is for those students taking courses that meet **only** at this time: 0030, 0050, 1020, 1040, 1050, 1070, 2000, 2010, 2020, 2030, 2040, 2050, 2060, 2070, 2080, 2540, 2550, 8020, 8040, 8076.

NOTE: Only seniors taking extra credits may take Z period Health.

Students should carefully consider whether they are capable of carrying extra units. Please be sure to consult with parents, teachers, and guidance counselors before signing up for extra class. Students choosing an extra unit will **not** be permitted to drop the course.

COURSE OFFERINGS FOR 2022-2023

LEGEND FOR COURSES ON NEXT PAGE:

C – one-semester course

* – requires departmental approval

H – honors course

R – Regents course

- Z or X period course (Before or After the regular school day)

COMPUTER SCIENCE

0030*# .50 HC Artif. Intell.
 0050*# .50 HC Java Prog.
 0390* .50 C Robotics
 0430* .50 C Prin.of Comp.Sci.
 0436* 1.00 H A.P. Comp. Sci
 0440* .50 C Video Game Des.
 0480* .50 C "C" Prog.

SCIENCE

1020*# .50 C Sports Phys.&Kin.
 1040*# .50 C Biotechnology
 1060* .50 C Bio-, Med. Ethics
 1080*# 1.00 Sci. Res.
 1100* 1.00 H Adv.PhysSciH
 1120 1.00 Earth Science
 1140* 1.00 H Earth Science H
 1200* 1.00 HR Biology H
 1216* 1.00 HR A.P. Bio.
 1260 1.00 R Biology
 1300* 1.00 HR Chemistry H
 1320 1.00 R Chemistry
 1400* 1.00 HR Physics H
 1410 1.00 R Physics
 1430* .50 C Marine Biology
 1450* .50 C Anat.&Phys.
 1470* .50 C For. Sci.
 1480* .50 C Astronomy
 1495*# 1.00 Sci. Res.
 1536*# 1.00 H A.P. Env.Sci.
 1556* 1.00 H A.P. Biology
 1576* 1.00 H A.P. Chemistry
 1596* 1.00 H A.P. Physics
 1610* .50 C Mod.Genetics

MUSIC

2010*# .50 H Cham.Choir
 2020*# .50 String Orch.
 2030*# .50 H StringOrch.
 2040*# .50 Perc.Ensem.
 2050*# .50 Con.Band
 2120 .25 C Intro. Music
 2150* .50 Instrum. Music
 2160* .50 Strings
 2210* .50 Chorus I
 2230* .50 Woodwinds
 2240* .50 Brass
 2250* .50 Percussion
 2260* .50 Strings
 2310* .50 Chorus II
 2410* 1.00 R Hist. of Music
 2480* .50 C Music Theory I
 2490* .50 C Elec.Orches.
 2516* 1.00 HR A.P. Mus.Theory
 2520* .50 Music Lessons
 2530*# .50 H Prep Chor. H
 2540*# .50 H Perc. Ens. H
 2550*# .50 H ChamberOrch.H
 2560*# .50 C Ind. Study
 2570* 1.00 Composition
 2610*# .50 C Mus.Tech.&Prod.
 2620* .50 C Adv.Tech&Prod.
 2630*# .50 H Stage Band H

ART

2000*# .50 C CAD
 2060*# .50 C Mech/Arch.Draw.
 2070*# .50 C Movement
 2080* .50 C Adv. Dance
 2090*# .50 C 2 Dim.Des. H per.
 2094*# .50 C 2-Dim.Des. Soph.
 2095*# .50 Yearbook
 2690* .50 Art I: Perf. Arts
 2700* .50 H Adv.Stud. Art I H
 2710 .25 C Stud.in Art I
 2720* .50 Art II Fine Arts
 2725* .50 Art II Digital Med.
 2740* .50 Art II Perf.Art
 2750* .50 C Drawing I
 2760* .50 Art II Honors
 2770* .50 CH Drawing/Life
 2790* .50 C 2 Dimen.Design
 2800* .50 C Painting
 2810* .50 C GraphicDes.
 2826* 1.00 H A.P. Art History
 2830* .50 C Adv. Digital Des.
 2840* .50 C Dig.Photography
 2880* .50 C Sculp.Design
 2890* .50 C Fashion Des.
 2920* .50 C TheaterDes.
 2930* .50 C Comp.Graph.
 2940* .50 C Web Page Des.
 2950*# 1.00 H Adv.Draw.&Paint.
 2960*# .50 C Glass Fusion
 2970* .50 C Ceramic Des.
 2980* .50 C Acting
 2995* 1.00 Film and Animation
 2985*# .50 C Media Studies

BUSINESS

4420 .50 C Bus. Comm.
 4440* .50 C Bus.Computer
 4460 .50 C Marketing
 4510 .50 C Finan. Literacy
 4530 .50 C Business Law
 4590 .50 C Intro. Accounting

ENGLISH

6100* 1.00 H English 9 H
 6120 1.00 English 9
 6200* 1.00 H English 10 H
 6220 1.00 English 10
 6300* 1.00 H English 11 H
 6306* 1.00 HR A.P.Eng. Lang.
 6320 1.00 R English 11
 6506* 1.00 H A.P. Eng. Lit.
 6530* 1.00 World Lit. H
 6630 .50 C Gothicism
 6670 .50 C Drama
 6680 .50 C Fiction
 6690 .50 C Poetry
 6910* .50 Ind. Studies
 6920* .50 Assisi Ind. Study

WORLD LANGUAGES

3110 1.00 Spanish I
 3120* 1.00 H Spanish II H
 3122* 1.00 H Spanish I Adv.
 3130 1.00 Spanish II
 3132* 1.00 H Spanish II Adv.
 3140* 1.00 HR Span.III H
 3150 1.00 R Spanish III
 3160* 1.00 Spanish IV
 3176* 1.00 H A.P. Span.Lang.
 3182* 1.00 Span.Conver.
 3210 1.00 French I
 3230 1.00 French II
 3240* 1.00 HR French III H.
 3250 1.00 R French III
 3260* 1.00 French IV
 3310 1.00 Italian I
 3320 1.00 Italian II
 3340* 1.00 H Italian II H
 3350* 1.00 HR Italian III H
 3360* 1.00 Italian IV
 3376* 1.00 H A.P. Italian

MATHEMATICS

5100* 1.00 HR Algebra 1 H
 5120 1.00 R Algebra 1
 5130* 1.00 R Geometry, Adv.
 5200* 1.00 HR Geometry, H
 5220 1.00 R Geometry
 5300* 1.00 HR Algebra 2, H
 5320 1.00 R Algebra 2
 5370* 1.00 Algebra 2A
 5400* 1.00 H Math Analysis H
 5450* 1.00 Math 12
 5506* 1.00 H A.P.Calculus
 5510* 1.00 H Calculus H
 5520* 1.00 Pre-Calculus
 5550* 1.00 Prob./Stat.
 5556* 1.00 H A.P. Prob.Stat.

RELIGIOUS EDUCATION

9120 .50 Religion 9
 9220 .50 Religion 10
 9380* .50 ChristianServ.
 9410 .25 C Morality
 9420 .25 C Phil.of Life
 9430 .25 C Body,Mind,Spirit
 9470 .25 C Soc. Justice
 9530 .25 C Jesus and Film
 9590 .25 C Rel. of World
 9610 .25 C Cont.FranciscanLiv.
 9620 .25 C Women in the Bible
 9630 .25 C HealingPowerGrace
 9660 .25 C Hum.Sex. & Love

PHYSICAL EDUCATION

7010* .50 C Health H per.
 7120 .50 Phys. Ed. 9
 7220 .50 Phys. Ed. 10
 7330* .50 Phys.Ed.Leaders I
 7610 .25 C T.Ftbl/Wt.Tr.
 7630 .25 C Basket/Ult.Frisbee
 7640 .25 C Speedbl./Soc.
 7660 .25 C Eur.Hdb./S.Def.
 7670* .50 Phys.Ed.Leaders II
 7710# .25 C T.Ftbl./Soc.
 7720 .25 C Lacr./F.Hock.
 7780 .25 C G.Cond/S.Def.
 7790 .25 C Dance/Aerob.
 7810 .25 C Racket/Jog./Fit.
 7850 .25 C Padbl./Golf
 7860 .25 C Volbl./Softbl.
 7880* .25 C Yoga/Tai Chi
 7890* .25 C Project Adv.
 7910 .50 C Health
 7920* .50 C First Aid
 7940* .50 C Nutrition

SOCIAL STUDIES

8020*# 1.00 GlobalHis.II.
 8040*# 1.00 His. of U.S.
 8076*# 1.00 H A.P. Psych.
 8100* 1.00 H Global His.I H
 8120 1.00 Global His. I
 8136* 1.00 H A.P.World Hist.
 8200* 1.00 HR GlobalHis.II H
 8220 1.00 R GlobalHis.II
 8236* 1.00HR A.P. World Hist.II
 8306* 1.00 HR A.P.Am.Hist.
 8310* 1.00 HR U.S. History, H
 8320 1.00 R His.of U.S.
 8426* 1.00 H A.P. Human Geo.
 8430* .50 C Intro. to Soc.
 8440* .50 C Economics
 8450* .50 C For. Crim.
 8460* .50 C Crim.Justice
 8470* .50 C Cont. World Issues
 8480* .50 C History WW II
 8490* .50 C Hist. New York
 8516* 1.00 H A.P. Eur.Hist.
 8540* .50 C Part. in Govt.
 8546* 1.00 H A.P. Macrocon.
 8530* 1.00 H Research Sem.
 8550* .50 C Intro.Psych.
 8586* 1.00 H A.P. Govt.
 8920* .50 Cold War Ind. Study