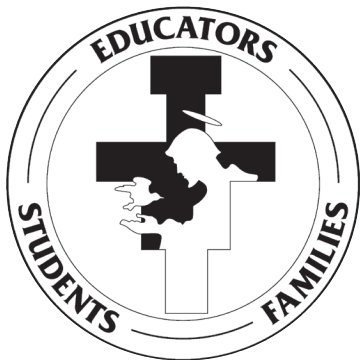
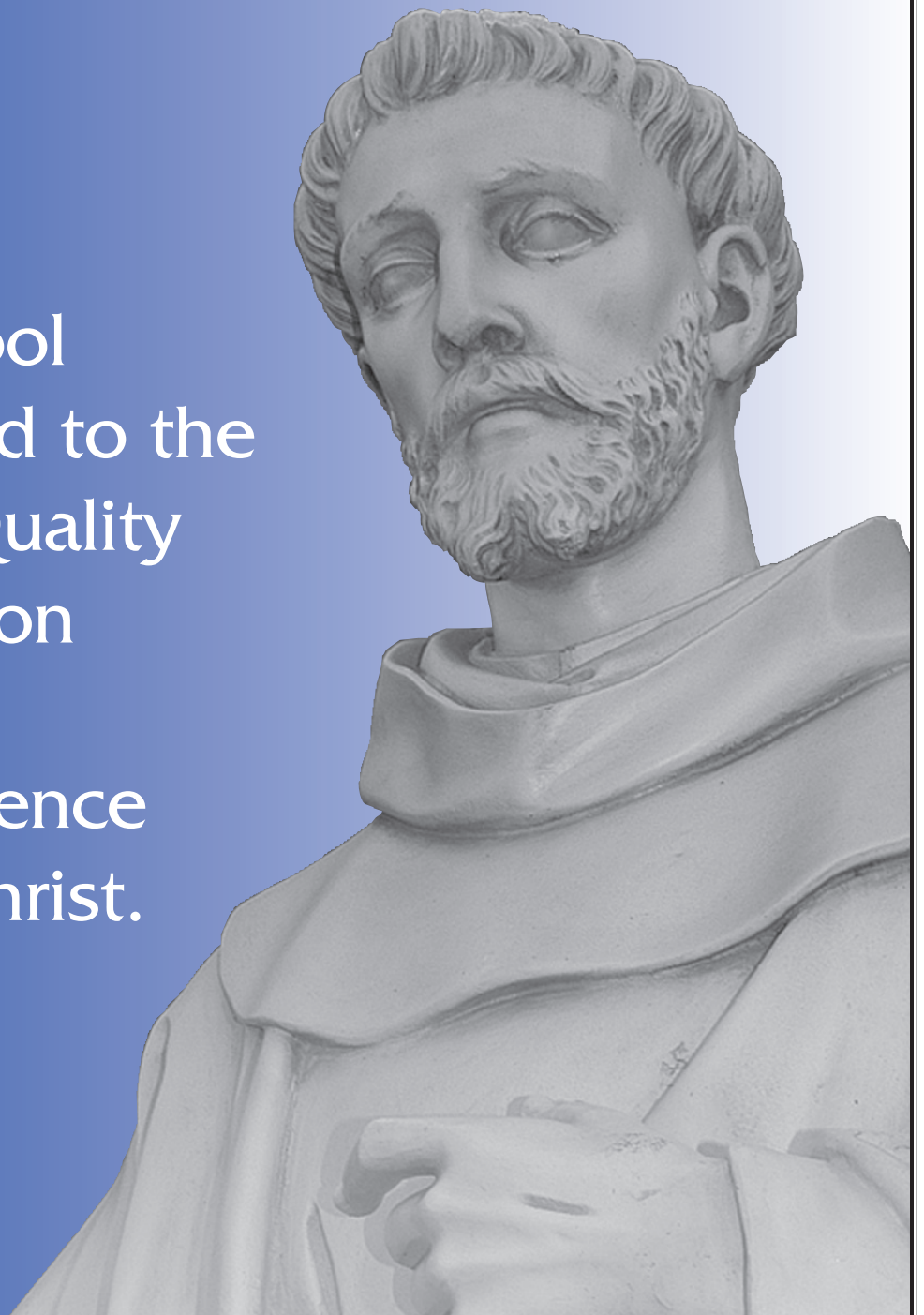


We are a
Catholic
High School
Committed to the
Highest Quality
of Education
in the
Daily Presence
of Jesus Christ.



ST. FRANCIS HIGH SCHOOL
COLLEGE PREPARATORY
2016-2017
PROGRAM OF STUDIES

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ADMISSIONS

St. Francis High School seeks students who (a) possess excellent moral character and (b) have a serious desire to prepare for higher education.

St. Francis High School does not discriminate on the basis of race, color, gender, national and ethnic origin, and immigration status to all the rights, privileges, programs and activities generally available to students at the school.

INTERNATIONAL STUDENT AND HOST FAMILY PROGRAMS

St. Francis High School proudly welcomes students from all over the world. The vision of our International Student Program is to nurture international understanding, to create memorable and diverse learning opportunities, to transform critical intercultural perspectives and to promote global connections. Some of our international students attend St. Francis High School for a few months looking for an “American experience” and to enhance their English language skills. Other international students attend our school for a true, four year St. Francis High School experience and ultimately earn a St. Francis High School diploma.

Our International Student Program team consists of dedicated teachers and professionals who focus on the entire student; academic, social and personal. We offer many layers of support which foster the comprehensive development of the student. The size of our International Student Program is intentionally few in number to boost the American exposure and authentically accelerate English language proficiency.

The international students who study at St. Francis High School live with host families. Life outside of school hours proves to be an integral part of the student’s development. Our personal approach to finding host families makes St. Francis High School exceptionally unique. St. Francis High School systematically matches all of our international students with families in our community, many of whom have their own children in the school. An extensive application, interview, background check, training, and ongoing supervision are all part of the process to ensure successful placement. We encourage communication between the host family, school, international parent and international student regarding academic progress as well as all aspects of life in America. The International Student Program team meets regularly with the students and host families to ensure the living arrangements continue to be an enriching time for everyone in the home.

The International Student Program continues to be an important facet of the St. Francis High School experience, for all of our students.

STUDENT AND SUPPORT SERVICES

GUIDANCE AND COUNSELING

The Guidance and Counseling Department works with parents and faculty to help them understand the socio-emotional needs of St. Francis High School students. The counselors assist students, parents, and teachers in fostering the students’ academic success, and achievement of long term goals for education and careers. Counselors are directly involved in student course selection, academic advising, standardized testing, career counseling, and college planning.

The Guidance and Counseling Department offers a number of group counseling programs that assist students dealing with issues of personal adjustment, stress management, peer relationships, family conflict, loss and grief, female empowerment, school transfers and other life changes.

INFORMATION TECHNOLOGY

The Information Technology department supports the academic environment of St. Francis High School through the use of audio-visual and computer technologies, with both our in-classroom technology solutions and our Mobile Learning Initiative (MLI)/1:1 program. The focus of technology is twofold – to assist faculty with curriculum content and delivery, as well as to assist students with their assignments, projects, and daily classroom activities (such as notetaking) through the use of technology. We understand that technology is constantly changing. Because of this, we work to ensure that our students not only are familiar with the current technologies and software being used by businesses and universities, but also to prepare them to use 21st Century skills to tackle what they may encounter in the future. As part of our MLI, all students receive a school-issued Surface Pro 3 device, Office 365 account (which includes both email and OneDrive file storage), and access to network resources (high speed internet access, network file storage, and network printing).

LEARNING RESOURCE CENTER

The Learning Resource Center (LRC) supports the mission and curriculum of the school by teaching students to develop up-to-date research skills, core knowledge investigative methods and by providing students with current and interesting recreational reading opportunities, in an attractive and purposeful setting. The goal of the LRC collection is to provide students with the current suggested library standard of 20 titles per student, which is supported by an on-line catalog, e-readers which are loaded with over 40 e-books, and over 30 online subscription databases. All on-line resources may be accessed 24 hours a day from either school or home through the LRC’s web page, (www.sfhscollegeprep.org/top/academics/acad-library). The St. Francis High School LRC is a member of the RAILS Library System which supports the development of library services and collaboration, while assisting in meeting statewide standards through training, consulting, resource sharing and advocacy.

PASTORAL MINISTRY

Pastoral Ministry seeks to build and maintain a distinctive Christian culture within our community by providing opportunities for service to others, action for justice and peace, liturgy, prayer, retreats, and personal formation. Within these opportunities, we work to equip the members of our community with the skills and abilities they need to lead and minister as Christians in the world.

SERVICE

In keeping with the mission of Jesus Christ and the Church to **love and serve** one another, St. Francis High School requires our students to participate in a **Christian Service Program**. By completing at least 60 service hours prior to graduation, our hope is that students will make **service to others**, especially those in need, the very foundation of their lives.

In order to reflect on their experience, students submit a **Time Log and a Reflection Paper** on line. We ask our students to use their **gifts of time and talent** beyond the home and family. Service hours are not meant to replace household chores and family responsibilities. Rather, we ask students to serve in the following ways:

Freshman: 15 Hours Service centered on neighborhood and local community

Sophomore: 15 Hours Service centered on parish or school community

Juniors 15: Hours Service centered on helping those in need in wider community

Seniors 15: Hours Service centered on helping those in need in wider community

Students are **responsible** to find their own service sites. The Office of Pastoral Ministry will work with the Religion Department to inform students about **opportunities**. We will inform students about opportunities with our community partners and we will have several service trips where students, faculty and parents will travel to serve our local communities and beyond.

RETREATS

Recognizing the developmental nature of the faith experience, the Pastoral Ministry Program seeks to support each student's growth through the coordination of a required three-year retreat program and a highly recommended fourth year program. Pastoral ministers, religion teachers, and other faculty members actively participate in these retreats as leaders and chaperones. Within the four-year program, students experience a variety of retreat formats including large and small groups, one day and overnight opportunities.

Freshman Retreat: Freshmen participate in day of service accompanied by our senior Student Ministry Team. The theme for the day is 'Our Franciscan Identity of Service'.

Sophomore Retreat: Sophomores participate in a one day retreat off site and this experience is facilitated by our Student Ministry Team. Students are once again encouraged to consider a "Franciscan Identity of Character" and further their relationship with Christ in a personal way.

Junior Retreat: Juniors at St. Francis participate in an overnight retreat held at LaSalle Manor in Plano, Illinois. Students engage in one of four/five choices of retreat dates, with approximately 45 students attending at one time. The focus is "Our Franciscan Identity in Community and includes prayer, self-reflection and community building. Students choose their first and second choice at registration and preference is given to those who return their forms in a timely manner.

Senior Retreat: Influenced by the model of St. Francis, Seniors have the option to attend an off-campus, three-day Kairos retreat, to experience God's love through personal witness stories, liturgy, song, prayer, and small group discussion. Four retreats are offered yearly (two male and two female).

WELLNESS OFFICE

The mission of the Wellness Office is to advance the well-being, academic success and life-long achievement of the students. The nurse in cooperation with the Athletic Trainer will promote and foster good health by providing emergency care, health information and instruction, preventative services, early identification of health problems, interventions and referrals.

There is a recognized relationship between health and learning whereas it is the role of the Wellness Office to also provide adaptations for students with special needs, to assist with the development and evaluation of school health policies and programs, and also to be a liaison between school personnel, family, and health care professionals.

CO-CURRICULAR OPPORTUNITIES

The St. Francis High School offers an array of co-curricular activities that help students to realize and share their gifts and talents. The goal of the department is to provide an educational environment which fosters teamwork, collaboration, discipline, respect, personal responsibility, and sportsmanship. This allows our students to develop communication, leadership and interpersonal skills that will prepare them for success beyond their time at St. Francis High School. For further information visit the St. Francis website: www.sfhscollegeprep.org.

GENERAL ACADEMIC INFORMATION

GRADUATION REQUIREMENTS

Twenty-five credits is the minimum requirement for graduation from St. Francis High School. All courses required for graduation must be taken at St. Francis High School (or some recognized high school in case of transfers).

Class of	
English****	4.0
Religion	4.0
Mathematics***	3.0
Science	2.0
Social Studies**	2.0
World Languages*	2.0
Physical Education	2.0
Health	0.5
Introduction to Computers	0.5
Electives	5.0
TOTAL	25.0

Service Hours: 15 per year, 60 total required.

*The two (2) credit World Languages requirement means two consecutive years of the same language.

**The two (2) credit Social Studies requirements means World History and U.S. History I with U.S. History II or III or AP. U.S. History. Successful completion of U.S. and Illinois Constitutions, the Declaration of Independence and Flag Code.

***The three (3) credit mathematics requirements must include Algebra and Geometry content.

****Successful completion of English III research paper.

Note: No student will graduate from St. Francis with more than three (3) required make-up credits earned during summer school.

COLLEGE ADMISSION REQUIREMENTS

Before selecting courses, students should review college admission requirements that are available in the Guidance Department and on college web sites. We seriously recommend that students begin their initial college search early in their junior year by contacting the St. Francis High School Guidance Director.

In accordance with Public Act 86-0954, St. Francis High School recommends that applicants to college successfully complete at least 15 units of high school coursework from the following 5 categories:

- 4 years of English;
- 3 years of social studies (American History, World History, an Elective);
- 3 years of mathematics (Algebra, Geometry, Advanced Algebra);
- 3 years of science (Biology, Chemistry, Physics);
- 2 years of electives (world languages, music, vocational education or art).

COLLEGE ENTRANCE STANDARDIZED TESTING EXAMS

1. St. Francis High School administers to sophomores and juniors a practice ACT on the National testing day in October of each year. However, sophomores and juniors in the top 20% of their class, may elect to take the PSAT test instead of the practice ACT on the National testing day.
2. Students should take the ACT and SAT in the spring of the junior year. Students may repeat these tests as often as desired. Those wishing to take the ACT must register in advance at www.act.org. Those wishing to take the SAT must register in advance at www.collegeboard.com.

ADVANCED PLACEMENT COURSES

Courses in the Advanced Placement® (AP®) Program are college-level studies. Students who register for these classes may opt to take the qualifying examination given in May. These examinations are based on college-level studies. The scores are used as a measurement for appropriate placement in college classes, with the possibility of earning college course credit. There is a fee charged for the testing service.

A Guidance Counselor's signature is required for students who wish to take four or more AP® courses in a single school-year.

The Science Department Chairperson's signature is required for students who wish to take two AP® science courses in a single school-year.

The following AP courses are offered: AP Studio Art, AP Biology, AP Calculus AB, AP Calculus BC, AP Chemistry, AP English Literature and Composition, AP Music Theory, AP Physics, AP Psychology, AP Statistics, AP U.S. Government and Politics, AP US History, and AP Spanish Language.

GRADING SCALE

St. Francis uses number grades for each marking period. Number grades are assigned from 60-99 converted by computer to a 4.0 system. Numeric grades correspond to letter grades as follows:

A=93-99 B=85-92 C=76-84 D=70-75 F=below 70

<i>Grade point average equivalents:</i>				<i>Weighted courses:</i>
				Add 1.00
99=4.86	92=3.88	84=2.89	75=1.83	93=5.00
98=4.71	91=3.75	83=2.78	74=1.66	85=4.00
97=4.57	90=3.63	82=2.67	73=1.50	76=3.00
96=4.43	89=3.50	81=2.56	72=1.33	70=2.00
95=4.29	88=3.38	80=2.44	71=1.16	
94=4.14	87=3.25	79=2.33	70=1.00	
93=4.00	86=3.13	78=2.22		
	85=3.00	77=2.11		
		76=2.00		

- Each quarter counts 40% of the semester grades. The semester exam counts for the other 20% of the final semester grade.
- No grade below a 60% is given for any marking period. The semester exam is not a marking period.
- Official GPA standing is changed only at the end of each semester.
- Summer school is not included in GPA.
- If a student fails Semester One in World Languages or Mathematics, but earns a 76% or higher in Semester Two, the student will receive 1.00 full credit on the transcript. The failing Semester One grade remains on the transcript.

SEMESTER EXAMS POLICY

Final Semester Exams are seen as a review and integration of material covered in each course. Therefore, final semester exams are administered in all courses. To prepare students for semester exams, exam review sheets are provided at least one week prior to the final exam for students in the following courses: junior (non-honors level courses), sophomore and freshman level courses. Exam review sheets are optional for students taking junior honors level courses and all senior courses. It is the expectation that all students take final exams during the scheduled Final Exam week. Appeals must be made to the Assistant Principal three weeks prior to Final Exam week.

Senior Exemption Policy. During the second semester, all courses may, at the discretion of the individual teacher, exempt seniors earning a 93% or higher in both quarter three and quarter four. In order to be consistent, during the first semester, seniors enrolled in semester courses that are offered in both semester one and two, may, at the discretion of the individual teacher, exempt seniors earning a 93% or higher in both quarter one and quarter two.

AP Course Senior Attendance Policy. Seniors enrolled in Advanced Placement courses, that completed their second semester final exam prior to the Advanced Placement national testing date, may, at the discretion of the individual AP teacher, be excused from attending their AP class during their regularly scheduled Senior Exam day.

INCOMPLETE GRADES

Incomplete grades must be made up within the two-week period after the end of a grading period. Failure to complete the work within the two-week period may result in a grade of 60%. Incomplete grades are allowed only for a serious reason (e.g. prolonged student illness).

HONOR ROLL

Honor Roll is computed on the basis of courses taken at St. Francis. A failure in any course for that grading period or on a semester exam makes a student ineligible for the Honor Roll.

“A” Honor Roll
Composite average of
4.00 or above

“B” Honor Roll
Composite average of
3.00 or above

CLASS DISTINCTION POLICY

The Overall Grade Point Average (GPA) will be recognized on the student’s *final* transcript using the following system:

- Honors with Distinction 5.00 and above
- High Honors 4.75-4.99
- Honors 4.50-4.74

In keeping with tradition, at the end of the seventh semester, St. Francis will internally recognize the Top Ten Senior students and the Valedictorian and Salutatorian will address their class at graduation. A minimum of four semesters of credit must be earned at St Francis High School to be eligible for the Valedictorian and Salutatorian.

SCHEDULE CHANGES

A schedule change will take place only in the following cases: if change is recommended by the instructor or department chairperson, if student has a schedule conflict, or if student needs a course for college or graduation. All schedules are final after the first ten school days of the first semester and the first five days of the second semester. Schedule changes will not occur for the following reasons: teacher preferences or conflicts, convenience of meeting time, and difficulty of the course.

In order to add or drop a course, students must obtain written approval from the guidance counselor, course instructor/ department chairperson and parents. All changes require a \$45 processing fee.

WITHDRAW PASS AND WITHDRAW FAIL GRADES

The Withdraw Pass “WP” and Withdraw Fail “WF” grades may be placed on the permanent records of students who are allowed to drop courses after the ten day period in which course changes are permitted. A “WF” grade is calculated as a 60% in the student’s GPA. Such drops require the Principal’s or Assistant Principal’s permission and are made only in special circumstances.

POLICY ON ACADEMIC PROBATION

1. Students may be placed on academic probation for a variety of reasons. Incoming freshmen may be placed on academic probation because their grade school teachers might suggest their work indicates they are not completely ready for high school level work, or because of the level of work done in the previous school.
2. Students will be placed on academic probation in any of the four years if they fail two or more courses in a semester. It should also be noted that students failing more than two courses do not meet the minimum standards set by St. Francis High School for participation in either athletics or other co-curricular activities.
3. Academic probation means that students are subject to academic review for a stated length of time, for a semester, or in some cases for an entire year. Their progress or lack thereof will be monitored and reviewed by the appropriate school official, especially at grading periods.
4. At the end of the probation period, the administration will review the student's performance and take one of three possible courses of action:
 - remove the student from probation;
 - extend the period of probation;
 - recommend to the parents that the student leave St. Francis High School.

POLICY ON SUMMER SCHOOL

1. Ordinarily, students who fail a course during the regular school year must repeat this course in summer school. Not all summer school programs, however, can earn St. Francis credit. See a guidance counselor for details.
2. If a failure in any required course occurs, the student must make up the credit in summer school before taking the next course in the required sequence, e.g. English 1 before English 2.
3. If a make-up course is not available during a summer school session, students should see a guidance counselor for a recognized way of making up the failed course.
4. The students who fail to attend summer school when asked to do so could jeopardize their enrollment at SFHS and may be placed on academic probation for the first semester of the following school year.
5. No student will graduate from St. Francis with more than three (3) required make-up credits earned during summer school.

4 Year Credit Checklist

Name _____

Year of Graduation _____

Use this form as a **WORKSHEET** in planning your course schedule:

X those classes you have already successfully completed or will complete this year.

/ those classes you plan to take next year.

BUSINESS & TECHNOLOGY	ENGLISH	MATH	PERFORMING & VISUAL ARTS	PE/HEALTH	RELIGION	SCIENCE	SOCIAL STUDIES	WORLD LANGUAGES
req=0.5	req=4	req=3		PE req=2	req=4.0	req=2	req=2	req=2
	college=4	college=3		Health req=0.5		college=3	college=3	college=2
Acct 1	Lit Genres	Alg 1 part 1	Art 1	*PE 1	God's Revel	Biology	Wrld History	Chinese 1
H Acct 2	H Lit Genres	Alg 1 part 2	Art 2	*PE 2	Body of Christ	H Biology	*US History 1	Chinese 2
*Bus Comm	Wrld Lit	Algebra 1	Art 3	*PE 3	Liv Sacramentally	Chemistry	*US History 2	H Chinese 3
*Bus Law	H Wrld Lit	Geometry	Art 3 PrePortfolio	*PE 4	*Ch Hstry/Hert	H Chemistry	*US History 3	H Chinese 4
*Cons Ed	Amer Lit	H Geometry	Art 4	*Health	*Ch Spirituality	Physics	H AP US History	French 1
*Market Mang	H Amer Lit	Adv. Algebra	H AP Art Draw/3-D	*Lifetime Fitness	*Peace & Justice	H Physics	*Geography	French 2
*Intro to Comp	Brit Lit	H Adv Alg Trig	*Digital Art		*H Wrld Rel	Anat & Phys	*Sociology	H French 2
*Micro Office	H AP Eng Lit	*PreCalc 1	*Guitar 1			*Forensic Sci	*Economics	H French 3
*H Prg Java	*Cr Writing 1	*Finite Math	*Guitar 2			*Enviom Sci	*H Economics	H French 4
*Visual Basic	Newspaper	*Intro to Stats	Music Ensmbl			H AP Bio	*Psychology	Spanish 1
*Comp Hwrđ	*Speech	*Trigonometry	Wind Ensmbl			H AP Chem	H AP Psychology	Spanish 2
	Yearbook	H PreCalc	Percussion Ensmbl			H AP Physics	H AP US Govern	H Spanish 2
		Calc (non-AP)	Mixed Choir				*Criminology	Spanish 3
		H AP Calc AB	Concert Choir					H Spanish 3
		H AP Calc BC	Swing Choir					Spanish 4
		H AP Stats	Chamber Choir					H Spanish 4
			H AP MusicThry					Spanish 5
			*Theatre 1					H AP Spanish
			*Theatre 2					
			Offered alternate years					
			*Intro to Theory					
			*Music Survey					

* designates a one semester course

PLEASE NOTE:

- The number of general subject area graduation requirements are listed below the department name as “**req.**”
- The number of courses in a subject area recommended for college preparation and admission are listed below the department name as “**college.**”
- **Electives** may be chosen from Business and Technology, English, Mathematics, Performing and Visual Arts, Religion, Physical Education, Science, Social Studies and World Languages.

SAMPLE ACADEMIC FOUR-YEAR SCHEDULE

The schedules listed below are **sample** programs. Many other combinations may be possible. If you are trying to create a schedule which is not typical, see a counselor to make sure it is possible.

	<i>Freshman</i>	<i>Sophomore</i>	<i>Junior</i>	<i>Senior</i>	
Achieve Graduation Requirements	1	Religion 1	Religion 2	Religion 3	Religion 4
	2	English 1	English 2	English 3	English 4
	3	Algebra 1	Geometry	Advanced Algebra	Elective
	4	Biology	Chemistry	PE 3/Elective	PE 4/Elective
	5	Intro Comp/PE 1	Health/PE 2	Elective	Elective
	6	World Lang. 1	World Lang. 2	Elective	Elective
	7	World History	US1 & (US2 or US3 or Elect)	US 2 or 3/Elect.	Elective
	8	SH or Elective	SH or Elective	SH or Elective	SH or Elective
Achieve College Preparatory Requirements		<i>Freshman</i>	<i>Sophomore</i>	<i>Junior</i>	<i>Senior</i>
	1	Religion 1	Religion 2	Religion 3	Religion 4
	2	English 1	English 2	English 3	English 4
	3	Algebra 1	Geometry	Adv. Algebra	PreCalc I/Trig or Finite
	4	Biology	Chemistry	Physics	Science Elect. or Elect.
	5	Intro Comp/PE 1	Health/PE 2	PE 3/Elective	PE 4/Elective
	6	World Lang. 1	World Lang. 2	World Lang. 3 or Elect.	World Lang. 4 or Elect.
	7	World History	US1 & (US2 or US3 or Elect)	US 2 or 3/Elect.	Soc. Studies Elective
8	SH or Elective	SH or Elective	SH or Elective	SH or Elective	
Achieve Highly Competitive College Requirements		<i>Freshman</i>	<i>Sophomore</i>	<i>Junior</i>	<i>Senior</i>
	1	Religion 1	Religion 2	Religion 3	Religion 4
	2	H. English 1	H. English 2	H. English 3	H. AP English 4
	3	Geometry	Adv. Algebra	PreCalc I/Trig	Calc(non-AP) or Intro Stats/Finite
	4	Biology or H Biology	Chem or H Chem	Physics or H Physics	H AP Bio or Ant/Phys
	5	Intro Comp/PE 1	Health/PE 2	PE 3/Elective	PE 4/Elective
	6	World Lang. 1	H. World Lang. 2	H. World Lang. 3	H. World Lang. 4
	7	World History	H AP US History	H Soc. St. Elective	H Soc. Studies Elect.
	8	SH or Elective	SH or Elective	SH or Elective	SH or Elective
		<i>Freshman</i>	<i>Sophomore</i>	<i>Junior</i>	<i>Senior</i>
	1	Religion 1	Religion 2	Religion 3	Religion 4
	2	H. English 1	H. English 2	H. English 3	H. AP English 4
	3	H. Geometry	H. Adv. Alg. w/Trig.	H. Pre-Calculus	H. AP Calculus
	4	H. Biology	H. Chemistry	H. Physics	H APBio/H APChem/H APPhys
	5	Intro Comp/PE 1	Health/PE 2	PE 3/Elective	PE 4/Elective
	6	World Lang. 1	H. World Lang. 2	H. World Lang. 3	H. World Lang. 4
7	World History	H. AP US History	H Soc. St. Elective	H AP Soc. Studies Elect.	
8	SH or Elective	SH or Elective	SH or Elective	SH or Elective	
Most Challenging Schedule		<i>Freshman</i>	<i>Sophomore</i>	<i>Junior</i>	<i>Senior</i>
	1	Religion 1	Religion 2	Religion 3	Religion 4
	2	H. English 1	H. English 2	H. English 3	H. AP English 4
	3	H. Geometry	H. Adv. Alg. w/Trig.	H. Pre-Calculus	H. AP Calculus
	4	H. Biology	H. Chemistry	H. Physics	H APBio/H APChem/H APPhys
	5	Intro Comp/PE 1	Health/PE 2	PE 3/Elective	PE 4/Elective
	6	World Lang. 1	H. World Lang. 2	H. World Lang. 3	H. World Lang. 4
	7	World History	H. AP US History	H. AP Soc. St. Elect.	H. AP SS/Math/Sci Elect.
8	SH or Elective	SH or Elective	SH or Elective	SH or Elective	

Religion 4 is a full year requirement. Seniors are required to choose 2 of 4 semester courses offered

CURRICULUM SEQUENCE

FRESHMAN CURRICULUM

Intro. To Computers..... 0.50 credit
English..... 1.00 credit
Mathematics 1.00 credit
Physical Education 0.50 credit
Religion I..... 1.00 credit
Science..... 1.00 credit
World History 1.00 credit
World Languages 1.00 credit
Elective/Study Hall

SOPHOMORE CURRICULUM

English..... 1.00 credit
Mathematics 1.00 credit
P.E./Health 1.00 credit
Religion II..... 1.00 credit
Science..... 1.00 credit
US History I 0.50 credit
World Languages 1.00 credit
Electives US II or US III 0.50 credit
Elective/Study Hall

JUNIOR CURRICULUM

English..... 1.00 credit
Mathematics 1.00 credit
P.E..... 0.50 credit
Religion III..... 1.00 credit
Science..... 1.00 credit
Electives 2.50 credit
Elective/Study Hall

SENIOR CURRICULUM

English..... 1.00 credit
P.E..... 0.50 credit
Religion IV 1.00 credit
Electives 5.00 credit
Elective/Study Hall

WORKSHEET

FRESHMAN YEAR

*Intro. To Computers _____
English _____
Mathematics _____
*Physical Education _____
Religion I _____
Science _____
World History _____
World Languages _____
Elective/Study Hall _____

SOPHOMORE YEAR

English _____
Mathematics _____
*P.E./*Health _____
Religion II _____
Science _____
*US History I _____
World Languages _____
Elective *US History II or *US History III _____
Elective/Study Hall _____

JUNIOR YEAR

English _____
Mathematics _____
*P.E. _____
Religion III _____
Science _____
Elective _____
Elective _____
Elective/Study Hall _____

SENIOR YEAR

English _____
Religion IV _____
Mathematics _____
Social Studies _____
Science _____
*P.E. IV/Elective _____
Elective _____
Elective/Study Hall _____

*Semester course

CURRICULAR DEPARTMENTS

BUSINESS AND TECHNOLOGY

The Business and Technology Department is dedicated to the education of the complete individual. A core of electives provides students with opportunities to pursue college preparation, career interests and life-long living skills. This department creates an environment in which students develop abilities to analyze, compare, evaluate, problem solve, and respect the opinion of others. Through specialized instruction in preparing students for careers, through fundamental instruction to help students as consumers, workers and citizens, through preparation of students for college, and continually updating technology standards, the Business Department prepares students to find proper roles in life.

Graduation requirement: 0.5 credits, must include Intro to Computers

ACCOUNTING I

Credit: 1 unit
Eligible Grade Level: 10, 11, 12
Prerequisite: None

This course is a must for business and non-business majors alike. The first-year course covers the complete accounting cycle theory for proprietorship and partnership. This is put into practice by the use of application to business situations. Partnership and corporate accounting are introduced to the students.

HONORS ACCOUNTING II

Credit: 1 unit
Eligible Grade Level: 11, 12
Prerequisite: 80% in Accounting I and consent of Department Chair

This course is a continuation of Accounting I and takes a more intensified and in-depth study of partnership and corporation accounting for the college business major. Inventory control, cost accounting, and managerial accounting are also introduced in this course. Emphasis is placed on learning problem solving strategies and testing business applications using simulation techniques. Students gain hands-on experience with computerized accounting methods.

BUSINESS COMMUNICATIONS

Credit: .5 unit
Eligible Grade Level: 10, 11, 12
Prerequisite: None

This course is designed to help students improve their verbal, nonverbal and written communication skills. Areas of study include the following: developing business presentations; conducting interviews; writing business letters, memos and reports; effective listening skills; preparing visual aides; meeting facilitation; and career selection and networking. Students will use Microsoft PowerPoint, presentation software, and prepare and present 5 major projects.

BUSINESS LAW

Credit: .5 unit
Eligible Grade Level: 10, 11, 12
Prerequisite: None

This course in business and personal law helps students to study the evolving set of rules that form our legal structure. The student's attention is focused on both the substance and the process of our legal system and understanding legal issues in the core topics of business law, integrated with the most relevant personal law topics.

CONSUMER EDUCATION

Credit: .5 unit
Eligible Grade Level: 10, 11, 12
Sophomore Prerequisite: Enrolled in Geometry and have a 2.5 GPA
Junior/Senior Prerequisite: None

This course is designed to give students a better understanding of the role of consumers, industry, and government in our economic system. Improving the students' decision making skills by developing their ability to judge consumer situations and make educated decisions that best fit their needs is one of the major goals of the course. The students learn how to budget money wisely, balance a checkbook, apply for credit, and shop for housing and furniture. Projects on careers, personal budgeting, decision making, the stock market, and credit provide in-depth study opportunities.

MARKETING MANAGEMENT

Credit: .5 unit
Eligible Grade Level: 11, 12
Prerequisite: None

This course introduces students to three different aspects of business: marketing, management, and finance. This course is designed to show students how businesses market their products or services; how businesses manage their day-to-day operations; and how businesses finance their operations and manage their cash flow. Students are exposed to simulation projects and software, and the Internet. The course includes a yearlong marketing campaign project.

INTRODUCTION TO COMPUTERS

Credit: .5 unit
Eligible Grade Level: 9
Prerequisite: None

This is a semester course in which students are introduced to the keyboard. Basic keyboarding techniques and skills are developed. Students learn how to use Microsoft Word, a word processing software, to format personal and business letters, tables, and reports. This class will also feature an introduction into the use and functions of Microsoft Excel. Other areas of study include the basics of hardware and software, Internet research, and computer ethics. This is a required course for all freshmen.

MICROSOFT OFFICE

Credit: .5 units

Eligible Grade Level: 10, 11, 12

Prerequisite: None

This self-directed course develops current knowledge of and introduces advance features of Microsoft Office. This suite of programs contains word processing software (Word), presentation graphics software (PowerPoint), and spreadsheet software (Excel). Students use practical computer skills combined with problem-solving, critical thinking and creative-thinking skills.

HONORS PROGRAMMING IN JAVA

Credit: .5 units

Eligible Grade Level: 10, 11, 12

Prerequisites: A good attendance record and cumulative GPA of 3.4 or above with consent of instructor. Completion of Visual Basic or another programming course.

This course introduces the student to the JAVA computer language. Students learn the JAVA coding for constants, variables, functions, loops, input/output, and computer designed objects. This course may not be offered every year.

VISUAL BASIC

Credit: .5 units

Eligible Grade Level: 10, 11, 12

Prerequisites: A good attendance record and a cumulative GPA of 3.0 or above with consent of instructor.

This course introduces the students to the Windows application computer language. Students can quickly design an interesting graphical user-interface program while learning the basics of the computer programming language, such as variables, loops, and conditions. This course is a hands-on, lab environment where the student can see a marked progress in skill development from week to week.

COMPUTER HARDWARE MAINTENANCE

Credit: .5 Unit

Eligible Grade Level: 11, 12

Prerequisite: Consent of Instructor

Using PCs in hands-on labs, students learn to install and maintain Windows and common PC hardware. Hardware topics include motherboards, hard drives, video, sound, memory, laptops, and printers. Software topics include installation and maintenance of Windows, anti-virus, spyware, MS Office, and utilities. Basics of home networking are discussed and demonstrated. Upon completion, students can perform over 30 PC maintenance procedures and guide others about important issues when purchasing a new PC.

COMPUTER LAB AIDE

Credit: None

Eligible Grade Level: 11, 12

Prerequisites: Completion of Computer Hardware is strongly recommended. A good attendance record and department chairperson consent.

The student will be assigned to the computer lab, rather than to a study hall, and will be present to run messages, to watch over the computer lab, and assist in hardware and software maintenance.

ENGLISH

The English Department offers two levels of English: standard college preparatory English and honors English. Emphasizing book reading and expository writing, teachers at both levels prepare students to succeed in any college course requiring interpretive and composition skills. Honors English, a four year sequence, also prepares students to write the College Board's Advanced Placement examination in literature and composition. In honors English, students read more books, more difficult books, and write essays that demand the part-whole analysis typically required on Advanced Placement essay questions.

Graduation requirement: 4 credits, must include English I, II, III, IV

ENGLISH I: LITERARY GENRES AND COMPOSITION

Credit: 1 unit

Eligible Grade Level: 9

Prerequisite: None

The focus of this course is on reviewing and strengthening basic grammar concepts, vocabulary, analytic skills and writing skills. In addition, students study a survey of literary genres to engage students with the texts on a deeper level through group discussions.

HONORS ENGLISH I: LITERARY GENRES AND COMPOSITION

Credit: 1 unit

Eligible Grade Level: 9

Prerequisite: An 85% on the entrance exam in verbal, reading, and English and the signature of the English department chairperson. Students must maintain an 85% semester one average in order to remain in English I Honors for semester two.

This accelerated course is designed for the high ability student who possesses a strong work ethic, above average reading level, and advanced interpretive skills. Students should have an avid interest in literature, a sound grasp of the fundamentals of grammar (including parts of speech, syntax & diagramming), and the ability to write well-organized, clear formal essays. Topics of study include reading and analysis of various literary genres, etymology, grammar, and composition. Students will read a minimum of 12 complete works of literature and take part in analytic discussions about those works through both active listening & verbal participation.

ENGLISH II: WORLD LITERATURE AND COMPOSITION

Credit: 1 unit

Eligible Grade Level: 10

Prerequisite: Completion of English I

Students focus primarily on world literature interpretation and composition skills. They expand, practice and refine interpretation skills learned in freshman year and also learn to create, write and revise compositions. Students learn how to research and write a short research paper. Students continue learning new vocabulary and improving usage.

HONORS ENGLISH II: WORLD LITERATURE AND COMPOSITION

Credit: 1 unit

Eligible Grade Level: 10

Prerequisite: Admission into the honors program is considered only at the beginning of each academic year. Only those students who have their English teachers' approval may be added to an honors roster. To qualify for approval, students must, in the opinion of their teachers, have both the work ethic and interpretive skills needed to succeed in Honors English.

Students focus primarily on world literature interpretation and composition skills. They expand, practice and refine interpretation skills learned in freshman year and also learn to create, write and revise compositions. Students learn how to research and write a short research paper. Students continue learning new vocabulary and improving usage.

This honors program provides a challenge for students who wish to advance their English skills at a more accelerated rate than that offered by the standard college preparatory program. Students should have an avid interest in literature, a sound grasp of the fundamentals of formal grammar, and the ability to write well-organized, clear formal essays. Students read approximately twice as much literature as those in the non-honors program and write more challenging essays. In addition, students prepare for the Advanced Placement Literature and Composition exam. Vocabulary and grammar remain an integral part of the program.

ENGLISH III: AMERICAN LITERATURE AND COMPOSITION

Credit: 1 unit

Eligible Grade Level: 11

Prerequisite: Completion of English II

Students read and interpret American literature from the colonial period to the present. During the second semester, students refine their research and writing skills as they compose a longer research paper. Students focus on developing writing style, and they continue their study of grammar and vocabulary. Successful completion of the research paper is required to pass the second semester.

HONORS ENGLISH III: AMERICAN LITERATURE AND COMPOSITION

Credit: 1 unit

Eligible Grade Level: 11

Prerequisite: Admission into the honors program is considered only at the beginning of each academic year. Only those students who have their English teachers' approval may be added to an honors roster. To qualify for approval, students must, in the opinion of their teachers, have both the work ethic and interpretive skills needed to succeed in Honors English.

Students read and interpret American literature from the colonial period to the present. During the second semester,

students refine their research and writing skills as they compose a longer research paper. Students focus on developing writing style, and they continue their study of grammar and vocabulary. Successful completion of the research paper is required to pass the second semester.

This honors program provides a challenge for students who wish to advance their English skills at a more accelerated rate than that offered by the standard college preparatory program. Students should have an avid interest in literature, a sound grasp of the fundamentals of formal grammar, and the ability to write well-organized, clear formal essays. Students read approximately twice as much literature as those in the non-honors program and write more challenging essays. In addition, students prepare for the Advanced Placement Literature and Composition exam. Vocabulary and grammar remain an integral part of the program.

ENGLISH IV: BRITISH LITERATURE AND COMPOSITION

Credit: 1 unit

Eligible Grade Level: 12

Prerequisite: Completion of English III

Students study British literature from the Anglo-Saxon period to the present. Students continue reading various types of literature and writing critical analysis papers. Students learn and practice finer points of grammar and writing style, and they continue expanding their vocabulary. The writing assignments will vary, but will typically include expository, argumentative, analytical, and creative writing.

HONORS ADVANCED PLACEMENT ENGLISH IV: ENGLISH LITERATURE AND COMPOSITION

Credit: 1 unit

Eligible Grade Level: 12

Prerequisite: Admission into the honors program is considered only at the beginning of each academic year. Only those students who have their English teachers' approval may be added to an honors roster. To qualify for approval, students must, in the opinion of their teachers, have both the work ethic and interpretive skills needed to succeed in Honors English. Additionally, students must have an 85% or better average in honors the previous semester at SFHS. Other students must have a 97% or better semester average in their previous English class and satisfy the department's honors qualifying criteria.

This course focuses on critical reading and analytical writing as designed by the AP English Course description. In both reading and writing, students will consider elements such as structure, style, and theme as well as smaller-scale elements such as figurative language, imagery, symbolism, and tone. Students study British literature from the Anglo-Saxon period to the present. This course provides a challenge for students who wish to advance their English skills at a more accelerated rate than that offered by the standard college-prep program. Students should have an avid interest in literature, a sound grasp of the fundamentals of formal grammar, and the ability to write well-orga-

nized, clear formal essays. Students read approximately twice as much literature as those in the non-honors course and write more challenging essays. In addition, students prepare for the Advanced Placement exam for college credit.

YEARBOOK

Credit: 1 unit (non-GPA)

Eligible Grade Level: 9, 10, 11, 12

Prerequisite: Consent of the Yearbook Adviser

Yearbook is a production-based course that centers around creating the St. Francis High School yearbook. The staff is solely responsible for the content, design, layout, and production of the book. Staffers must be cooperative, professional, creative, and productive. Students are responsible for taking digital photos, conducting interviews, managing clerical operations, making announcements, and composing, designing, and editing all elements of text, graphic art, and digital photography layouts. Students are expected to be organized, motivated, and possess strong reading and writing skills upon entering the class.

CREATIVE WRITING I

Credit: .5 units

Eligible Grade Level: 11, 12

Prerequisite: None

This is a one semester course that focuses primarily on poetry, the short story, and drama. The course incorporates readings, which are used as models of style and technique. Class discussion and critique are based on students' own writing samples as well as reading assignments. Although the course has no prerequisite, students are expected to have a strong interest in creative expression and a desire to improve their writing through personal and classmate critique and outside reading.

NEWSPAPER

Credit: .5 units (non-GPA) per year

Eligible Grade Level: 9, 10, 11, 12

Prerequisite: Consent of the Newspaper Adviser and signed course contract.

Students learn how to interview, write various forms of newspaper articles, edit and layout issues of the school newspaper. Using design software, students produce the newspaper regularly throughout the school year. Students must be responsible and able to thrive in a fast-paced, independent work environment and meet deadlines. Students must be able to handle constructive criticism, initiate and conduct thorough interviews and demonstrate growth as a writer. The class meets two times a week during Zero Hour.

SPEECH

Credit: .5 units

Eligible Grade Level: 10, 11, 12

Prerequisite: None

This course focuses on making a student feel calm, confident and prepared to speak in front of an audience in a variety of situations and to give tips and ideas to speak in a prepared presentation or an impromptu circumstance. This course will also help a student to understand and appreciate the power of the spoken word and how it has literally changed our world.

MATHEMATICS

The Mathematics Department is committed to teaching mathematics not only for its own intrinsic value, but also as a valuable tool to develop our students' ability to think analytically and creatively, thus improving their problem solving skills. The curriculum provides opportunities for our students to practice logical thinking, organization, communication, and technology skills. The Mathematics Department is committed to providing a challenging and rewarding college preparatory program that empowers all students to realize their mathematical potential and to appreciate the value of mathematics.

Graduation requirement: 3 credits, must include Algebra and Geometry

ALGEBRA I part 1

Credit: 1 unit

Eligible Grade Level: 9

Prerequisite: Entrance exam results.

This is the first year of a two-year course. The topics covered are: variables and functions, function graphs, rational numbers, solving equations, solving inequalities and linear functions and graphs. This course allows students to practice skills learned with extra review time built into each new topic. Students will be exposed to several features of the TI-84 graphing calculator. A Pre-Algebra diagnostic assessment will be administered the first week of school. Students should complete the Summer Pre-Algebra packet, available on the St. Francis website, prior to the beginning of the school-year.

ALGEBRA I part 2

Credit: 1 unit

Eligible Grade Level: 10

Prerequisite: Passing grade in Algebra I part 1.

This is the second year of the two-year sequence for Algebra I. The course begins with a thorough review of functions and graphing. It continues to cover the topics: systems of equations, exponents and exponential functions, polynomials including factoring processes, quadratic equations and functions, and radical expressions. A preview of Geometry will finish up the year. Students will be exposed to several

MATHEMATICS COURSE SEQUENCING

*designates a one semester course

3 credits required for graduation

	Freshman	Sophomore	Junior	Senior
Standard Placement Options	Algebra I part 1	Algebra I part 2	Geometry	Advanced Algebra
	Algebra I	Geometry	Advanced Algebra	*Precalculus I & *Trig or *Finite
Accelerated/ Honors Placement	Algebra I	Honors Geometry and Honors Adv. Algebra Trig	Honors Precalculus	AP Calc AB &/or AP Stats
	Geometry	Advanced Algebra	*Precalculus I & *Trig	Calculus (non-AP) or *Intro to Stats & *Finite
	Honors Geometry	Honors Adv. Algebra Trig	Honors Precalculus or Honors Precalculus and AP Statistics	AP Calc AB or AP Calc BC &/or AP Stats
	Honors Adv. Algebra Trig	AP Statistics	Honors Precalculus	AP Calculus AB or AP Calculus BC

features of the TI-84 graphing calculator. As in Algebra I Part 1, extra time is given in each individual topic for a thorough comprehension of the processes covered. Students are required to complete the math review packet during the summer prior to taking this course.

ALGEBRA I

Credit: 1 unit

Eligible Grade Level: 9, 10

Prerequisite: Entrance Exam results

In Algebra I students cover all aspects of working with signed numbers, functions, algebraic expressions, equations, inequalities and graphing linear expressions. The second semester covers basic statistical concepts and graphs, systems of equations, quadratic equations exponents, polynomials and their operations and radical expressions. Problem solving is an integral part of Algebra I. Students will be exposed to several features of the TI-84 graphing calculator. A Pre-Algebra diagnostic assessment will be administered the first week of school. Students should complete the Summer Pre-Algebra packet, available on the St. Francis website, prior to the beginning of the school-year.

GEOMETRY

Credit: 1 unit

Eligible Grade Level: 9, 10, 11

Prerequisites: Credit in Algebra I or Algebra I parts 1 & 2 and recommendation of teacher, or a qualifying score on the April Algebra test for incoming freshmen.

This course covers Euclidean geometry, including discussions of angles, lines, congruent and right triangles, poly-

gons, circles, areas, and volume. Coordinate geometry and basic analytic geometry will be interspersed throughout the year to reinforce other concepts. Formal proof will be an integral part of this course. The computer program "Sketchpad" will be introduced. An Algebra diagnostic assessment will be administered the first week of school. Students should complete the Summer Algebra packet, available on the St. Francis website, prior to the beginning of the school-year.

HONORS GEOMETRY

Credit: 1 unit

Eligible Grade Level: 9, 10

Prerequisites: Minimum 98% average in Algebra I and recommendation of teacher, or a qualifying score on the April Algebra test for incoming freshmen.

This course is designed for the high ability student. It covers the concepts of Euclidean geometry in more detail with more emphasis on formal proofs and more difficult applications. Coordinate geometry and basic analytic geometry will be interspersed throughout the year. The computer program "Sketchpad" is used to investigate and reinforce concepts. Written and oral communication of mathematics is emphasized. Students are required to complete assignments outside the textbook each quarter. An Algebra diagnostic assessment will be administered the first week of school. Students should complete the Summer Algebra packet, available on the St. Francis website, prior to the beginning of the school-year.

ADVANCED ALGEBRA

Credit: 1 unit

Eligible Grade Level: 10, 11, 12

Prerequisites: Credit in Geometry and either Algebra I or Algebra I parts 1 & 2

Advanced Algebra is an in-depth study of topics covered in Algebra I. A good understanding of Algebra I topics is required. Other topics include the study of roots, rational irrational/complex numbers, conics, solving and graphing quadratic functions, and an introduction to exponential and logarithmic functions. Students learn how a graphing calculator can be used in problem solving situations. A Geometry diagnostic assessment will be administered the first week of school. Students should complete the Summer Geometry packet, available on the St. Francis website, prior to the beginning of the school-year.

HONORS ADVANCED ALGEBRA WITH TRIGONOMETRY

Credit: 1 unit

Eligible Grade Level: 10, 11

Prerequisites: Minimum 88% average in Honors Geometry, or minimum 98% average in regular Algebra and Geometry and recommendation of current teacher.

This course is designed to move faster through the algebraic material, providing several weeks of trigonometry. Students add depth to their understanding of Algebra I and investigate polynomial, exponential, logarithmic, and trigonometric functions and conics. Students are introduced to the graphing calculator and learn how it is used in problem solving situations. A Geometry diagnostic assessment will be administered the first week of school. Students should complete the Summer Geometry packet, available on the St. Francis website, prior to the beginning of the school-year.

PRECALCULUS I

Credit: .5 units

Eligible Grade Level: 11, 12

Prerequisites: A credit in Honors Advanced Algebra Trig or a minimum 76% average in Advanced Algebra and current teacher's recommendation.

This course is designed for the college bound student who has a good background in mathematics. Topics covered include linear, quadratic and polynomial functions, equations and inequalities. Exponential and logarithmic functions are also investigated. The study of functions in the abstract is facilitated through the study of their graphs using paper and pencil as well as technology. An Advanced Algebra diagnostic assessment will be administered the first week of school. Students should complete the Summer Advanced Algebra packet, available on the St. Francis website, prior to the beginning of the school year.

FINITE MATH

Credit: .5 units

Eligible Grade Level: 11, 12

Prerequisites: Minimum 76% average in Advanced Algebra and credit in Precalculus I or recommendation of current math teacher.

Topics covered include sequences and series, matrices and their use in system solutions, combinatorics and probability. Logic and graph theory will be visited as time allows. Use of the graphing calculator is expanded.

INTRODUCTION TO STATISTICS

Credit: .5 unit

Eligible Grade Level: 11, 12

Prerequisite: Credit in Honors Advanced Algebra Trig or 76% in Advanced Algebra or recommendation of current math teacher.

This course is designed to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to three broad conceptual themes: exploring data, planning a study, and statistical analysis. Graphing calculators are used extensively. Students that have completed one or both semesters of AP Statistics are not eligible for this course.

TRIGONOMETRY

Credit: .5 units

Eligible Grade Level: 11, 12

Prerequisites: Minimum 80% average in Advanced Algebra and minimum 76% average in Precalculus I or recommendation of current math teacher.

This course is designed for the student who wishes to pursue a course of study such as mathematics, science, or engineering. These majors often require a trig-based calculus course in college and this course acts as preparation by providing an in-depth study of trigonometry. Topics covered include trigonometric functions, trigonometric equations, trigonometric identities, sum and difference formulas and graphing. It investigates analytic geometry as time allows. Graphing calculators are used extensively.

HONORS PRECALCULUS

Credit: 1 unit

Eligible Grade Level: 11, 12

Prerequisite: Minimum 88% average in Honors Advanced Algebra Trig or minimum of 98% in Advanced Algebra and current teacher's recommendation.

This course is designed for those with a strong background in mathematics. Topics covered include a thorough review of linear and quadratic functions and an in-depth study of polynomial functions. The study of functions in the abstract is facilitated through the study of their graphs using both pen and pencil and technology in the form of graphing calculators and computers. Topics covered include exponential and logarithmic functions and their applications in the real world; trigonometric functions, their equations, graphs and identities and their applications; sequences and series, functions and limits, and their relationship to calculus. Finite topics developed include matrices, combinatorics and probability. An Advanced Algebra diagnostic assessment will be administered the first week of school. Students should complete the Summer Advanced Algebra packet, available on the St. Francis website, prior to the beginning of the school year.

CALCULUS (non-AP)

Credit: 1 unit

Eligible Grade Level: 12

Prerequisite: Minimum 85% in Precalculus 1 and Trigonometry or a credit in Honors Precalculus and current math teacher's recommendation.

This course is designed to provide the student with an introduction to many of the topics encountered in a full year Calculus course. These topics include a discussion of limits, continuity, the derivative, the integral, and applications of the integral. The purpose of the course is to give the student an exposure to the topics and techniques used in Calculus. The approach will lack the rigor of an AP course.

HONORS ADVANCED PLACEMENT CALCULUS AB

Credit: 1 unit

Eligible Grade Level: 12

Prerequisite: Minimum 85% average in Honors Precalculus and current math teacher's recommendation.

AP Calculus AB is structured around three big ideas: limits, derivatives and integrals, and the Fundamental Theorem of Calculus. The course includes an emphasis on concepts, an embracing of technology, and an attention to calculus applications. This course follows the scope and sequence as described by the Advanced Placement program. Upon completion, students have the opportunity to take the AP exam in May.

NOTE: To be eligible for this course, the student must have completed four years of high school mathematics. If a student wishes to take both Honors Geometry and Advanced Algebra with Trigonometry as a sophomore to accomplish this end, special permission from the department chair must be obtained.

HONORS ADVANCED PLACEMENT CALCULUS BC

Credit: 1 unit

Eligible Grade Level: 12

Prerequisite: Minimum 95% average in Honors Precalculus and current math teacher's recommendation.

AP Calculus BC explores the same ideas as Calculus AB in additional contexts and adds the idea of sequences. It includes the study of polar series and various methods to determine convergence and divergence. Both Maclaurin series and Taylor series are explored. This course follows the scope and sequence as described by the Advanced Placement program. Upon completion, students have the opportunity to take the AP exam in May.

HONORS ADVANCED PLACEMENT STATISTICS

Credit: 1 unit

Eligible Grade Level: 10, 11, 12

Prerequisite: Minimum 85% in Honors Precalculus and a strong reading background. Minimum 98% in Honors Advanced Algebra Trigonometry to take concurrently with Honors Precalculus. Current math teacher's recommendation is required.

This course is designed to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad

conceptual themes: 1) exploring data, 2) planning a study, 3) probability, and 4) statistical inference. Graphing calculators are used extensively. This course follows the scope and sequence as described by the Advanced Placement program. Upon completion, students have the opportunity to take the AP exam in May.

PERFORMING AND VISUAL ARTS

The Performing and Visual Arts Department offers classes in four areas: art, drama, instrumental and vocal music. Students enrolled in the performing and visual arts often become involved in school plays, concerts, musicals, and art exhibitions. Through this involvement, students bolster their self-esteem and learn self-discipline. Research shows that studying performing and visual arts increases academic success and achievement in today's evolving world.

ART FUNDAMENTALS I

Credit: 1 unit

Eligible Grade Level: 9, 10, 11, 12

Prerequisite: None

Art I introduces the student to the elements of art and principles of design. Students work on improving drawing and observational skills while completing exercises and projects that relate to the elements of art. In addition, students study art history beginning with prehistoric cave art up to the time of the renaissance. If a student has previous art experience and would like to be considered for Art II, see the Art teacher.

ART FUNDAMENTALS II

Credit: 1 unit

Eligible Grade Level: 10, 11, 12

Prerequisites: 90% average in Art I and consent of instructor.

In Art II students concentrate on improving their drawing skills using a variety of media. Students complete direct observation drawings (the still life) using ebony pencil, charcoal, pen and ink, watercolors, and color pencil. Students are introduced to artwork created in different professions of art today such as book illustrations, advertising, architectural renderings, and scientific illustrations and will discuss different careers in art.

ART FUNDAMENTALS III

Credit: 1 unit

Eligible Grade Level: 11, 12

Prerequisite: Art I, II and consent of instructor

This independent study class allows each student to explore different types of art work and materials. Students complete three major projects each quarter. The student learns to research projects, plan projects, complete projects and record the projects in a digital portfolio creating an album for future Art III students. The student and teacher plan the goals and objectives together and organize the projects to meet those goals.

ART III PREPORTFOLIO

Credit: 1 unit

Eligible Grade Level: 11, 12

Prerequisite: Art I, II and consent of instructor.

This course is for Art students interested in continuing Art studies in college. Students discuss how to develop a portfolio and what is required by colleges and universities for acceptance in art programs. Students view slides of art work completed by Advanced Placement students and are encouraged to develop portfolios of their own. The Art III Pre-portfolio class builds the foundations for the students interested in taking AP Studio Art Drawing or Studio Art 3-D. Students complete AP projects without the time pressure of AP. Understanding the requirements and sophistication of AP Studio Art allows each student to improve artistic skills in drawing, painting and sculpture and gives each student the confidence to pursue AP if they desire.

ART FUNDAMENTALS IV

Credit: 1 unit

Eligible Grade Level: 11, 12

Prerequisite: Art III and consent of instructor.

This independent study class allows each student to explore different types of art work and materials. Students complete three major projects each quarter. The student learns to research projects, plan projects, complete projects and record the projects in a digital portfolio creating an album for future Art III students. The student and teacher plan the goals and objectives together and organize the projects to meet those goals.

HONORS ADVANCED PLACEMENT STUDIO ART DRAWING / STUDIO ART 3-D DESIGN

Credit: 1 unit

Eligible Grade Level: 11, 12

Prerequisite: Consent of instructor.

The Honors AP Studio Art program is for highly motivated students who are seriously interested in the study of art. This involves a significant commitment. Students need to accept a rigorous academic curriculum and schedule. The AP Studio Art Class consists of two semesters devoted to the investigation of the three components of the AP Portfolio: Quality, Breadth and Concentration. The first semester focuses on Breadth and is teacher directed. The second semester focuses on the Concentration during which the student develops a unique theme and style. For Quality, the student chooses five actual works to have matted to be sent with the twenty-four slides in the portfolio. Parents need to be aware of the extra costs that the Art portfolio requires for the materials and the matting of the five pieces for the quality section of the portfolio.

DIGITAL ART

Credit: .5 units

Eligible Grade Level: 11 (with consent of instructor), 12

Prerequisites: None

This course is designed for the student who wishes to learn the process and basic principles of design through projects using Adobe Illustrator and Adobe Photoshop

CS6. The student will use the design principles to create posters, ads, photo manipulations and more. This class is for anyone interested in improving their design sense to create more interesting and appealing visual communication for use in the art world, business world and beyond.

GUITAR I

Credit: .5 units

Eligible Grade Level: 10, 11, 12

Prerequisite: None

This course introduces students to general instrumental music. The class allows beginning music students an opportunity to learn about playing and performing music on the guitar. Students learn to play acoustic guitar and gain an understanding for the basic fundamentals of music. Students learn how to read music, tablature, rhythms, chords and play melodies with one another. Students will be provided with a guitar for use during class, but are expected to have one for home practice. No prior experience needed.

GUITAR II

Credit: .5 units

Eligible Grade Level: 10, 11, 12

Prerequisite: Guitar I

In Guitar II students learn more advanced methods such as barre chords, scales, music theory and advanced music notation and tablature. Students will learn to play in small ensembles with one another and will play a variety of different genres. Students will develop proper technique as well as studying several different techniques that can be played on guitar.

MUSIC ENSEMBLE

Credit: 1 unit

Eligible Grade Level: 9, 10, 11, 12

Prerequisite: Audition

Note: Students may enroll in this course more than once.

This course provides an opportunity for the advanced solo musician on piano, guitar, bass, vocals and drums to continue their musical interests. Students improve their individual skills as well as learn to play with other musicians in an ensemble situation. Students enrolled in this course, along with Wind Ensemble students, will comprise the school's premier band. This band performs at various functions both at school and in the community. Students not playing the specified instruments should see the instructor about enrolling in the course.

WIND ENSEMBLE (BAND)

Credit: 1 unit

Eligible Grade Level: 9, 10, 11, 12

Prerequisite: None

Note: Students may enroll in this course more than once.

This course provides an opportunity for students with band experience (flute, clarinet, trumpet, trombone, etc.) to continue in high school. Students need to play their instrument and read music at an intermediate rate. Students enrolled in this course, along with Music Ensemble students and Wind Ensemble students will comprise the school's premier band. The band performs at various functions both at school and in the community.

PERCUSSION ENSEMBLE

Credit: 1 unit

Eligible Grade Level: 9, 10, 11, 12

Prerequisite: None

Note: Students may enroll in this course more than once.

This course provides an opportunity for students with percussion experience (snare drum, drum set, mallets, etc.) to continue in high school. Students need to play their instrument and read music at an intermediate rate. Students enrolled in this course, along with Music Ensemble students and Wind Ensemble students will comprise the school's premier band. The band performs at various functions both at school and in the community.

MIXED CHOIR

Credit: 1 unit

Eligible Grade Level: 9

Prerequisite: None.

This chorus is for all freshman boys and girls at St. Francis. No audition is required. This choir studies choral music of various languages, styles, people, and periods. It provides opportunities for developing techniques of vocal production, ear training, sight-singing and basic music theory. Students will perform in four concerts, some school liturgies, community outreach and other school events.

CONCERT CHOIR

Credit: 1 unit

Eligible Grade Level: 10, 11, 12

Prerequisite: None.

Note: Students may enroll in this course more than once.

This is the mixed-voice (SAB/SATB) advanced chorus for students who wish to further develop vocal technique and musicianship. Advanced ear training, theory, and sight-singing are covered. Students will perform in four concerts, some school liturgies, community outreach and other school events.

SWING CHOIR

Credit: 1 unit

Eligible Grade Level: 10, 11, 12

Prerequisites: Audition and consent of instructor

Note: Students may enroll in this course more than once.

The St. Francis Swing Choir is a four-part (SSAA) chorus for serious choral students wishing to further enhance their choral studies. Audition and consent of the instructor is required. Students will sing a wide range of choral music in various languages and genres. Students will perform in four concerts a year and possible community events. This choir will incorporate choreography and dance in a show choir manner for at least two concerts. Members may also participate in the IMEA auditions, IHSA solo and ensemble competitions are required.

CHAMBER CHOIR

Credit: 1 unit

Eligible Grade Level: 10, 11, 12

Prerequisite: Audition and consent of instructor

Note: Students may enroll in this course more than once.

Chamber choir is an advanced, a cappella ensemble of 15-18 mixed voices (SATB/SSAATTBB). Music repertoire ranges from "rock-appella" (a cappella arrangement of popular songs) to voice jazz to 16th century madrigal music with emphasis on college preparation. Members will perform in four concerts, some school liturgies, community outreach and other school events. Members may also participate in the IMEA auditions, IHSA solo and ensemble competitions are required.

MUSIC SURVEY

(Not offered in 2016-2017)

Credit: .5 units

Eligible Grade Level: 10, 11, 12

Prerequisite: None

Note: This course is offered every other year.

This course is designed for students interested in all genres of music. Students will take a musical journey through history to take a closer look at how the music and musicians of the past continue to influence the music of today. Students will see live performances as a class and will have some input as to what contemporary music is covered. Attendance at St. Francis concerts is required. Neither reading music nor playing an instrument is required.

INTRODUCTION TO THEORY AND COMPOSITION

(Not offered in 2016-2017)

Credit: .5 units

Eligible Grade Level: 10, 11, 12

Prerequisite: Ability to read music at a beginning level

Note: This course is offered every other year.

This is an introductory class devoted to the fundamentals of music theory that are necessary to compose quality instrumental and vocal music. The study of musical notation, intervals, scales, key signatures, chords, and orchestration are covered. Students will have the opportunity to use these skills to focus on original composition. Some performances may occur both in and out of class. Students should already know how to play at least one instrument, and have some note-reading background. Students who study privately and wish to further their study of music will enjoy the composition aspect of this class.

HONORS ADVANCED PLACEMENT MUSIC THEORY

Credit: 1 unit

Eligible Grade Level: 10, 11, 12

Prerequisite: Ability to read music at an intermediate level and consent of instructor.

Note: This course is offered every other year. Participation in a St. Francis ensemble is expected.

AP Music Theory is a full-year course that meets five times a week for 42 minutes. This is the AP Music Theory course designed for serious students who wish to further their musicianship and knowledge of music. College-level music theory, ear training and sight-singing will be covered weekly through in-class assignments, homework, and frequent quizzes. Students will have access to keyboards and pianos during class. Participation in the AP Music Theory test is expected.

THEATRE WORKSHOP I

Credit: .5 units

Eligible Grade Level: 10 (consent of instructor), 11, 12

Prerequisite: None

Theatre Workshop I is primarily an exploratory course covering all of the elements of theatre and acting (imagination, concentration, sense awareness, pantomime, make-up, stage craft and script work). The broad spectrum of units offers the student and prospective performer a complete background and foundation for further study. The course increases the student's appreciation and enjoyment of theatre from three perspectives, as an audience, as an actor and as a stage technician.

THEATRE WORKSHOP II

Credit: .5 units

Eligible Grade Level: 11, 12

Prerequisite: Theatre Workshop I or audition and instructor approval

This course offers an extended study of the principles introduced in Theatre Workshop I. The emphasis is on performance, studying script analysis, character development, characterization, stage discipline and improvisation leading to original works. An overview of theatre history is integral to this course.

PHYSICAL EDUCATION AND HEALTH

The Physical Education and Health Department requires five semesters of physical education classes. This requirement is met by one semester of physical education each year. Health is a one-semester course required during the sophomore year. This required curriculum enhances the students' skills and knowledge in physical, mental, and social activities with an emphasis on fitness. It also enriches their background and develops their appreciation for the social and physical aspects of a variety of activities in their environment. Through both health and physical education classes, students develop lifetime skills and activities to maintain a physically fit and emotionally healthy lifestyle.

Graduation requirement: 2.5 credits, must include PE I, II, III, IV and Health

PHYSICAL EDUCATION I

Credit: .5 units

Eligible Grade Level: 9

Prerequisite: None

This beginning class emphasizes the basic elements and concepts of physical fitness including an individual fitness plan. Team and duo activities are included to begin development of lifelong exercise habits. Emphasis in this course is placed on the development of lifelong fitness/wellness and the various skills associated with exercise activities.

PHYSICAL EDUCATION II

Credit: .5 units

Eligible Grade Level: 10

Prerequisite: P.E. I

This class provides the student with the opportunity to learn and participate in individual, duo, team activities and physical fitness activities. Emphasis will be placed on skill development, implementing strategies, teamwork, exhibiting proper attitudes toward sportsmanship and continuing to develop a healthy lifestyle with a focus on nutrition.

HEALTH

Credit: .5 units

Eligible Grade Level: 10

Prerequisite: None

Health is a one semester course designed to meet the immediate health needs of the student. Health will provide students with opportunities to develop a positive healthy attitude toward life. The focus will be on all aspects of health: physical, emotional, mental, social, and spiritual with a goal for each student to gain the knowledge necessary to be an advocate for their personal health.

PHYSICAL EDUCATION III PHYSICAL EDUCATION IV

Credit: .5 units

Credit: .5 units

Eligible Grade Level: 11

Eligible Grade Level: 12

Prerequisite: P.E. II

Prerequisite: P.E. III

These are one semester courses which provide opportunities for students to further explore individual, duo, team sports and rhythm activities. Lessons in advanced fitness and conditioning will continue to aid students in the development of a healthy lifestyle.

ESSENTIALS OF LIFETIME FITNESS TRAINING

Credit: .5 units

Eligible Grade Level: 10, 11, 12

Prerequisite: P.E. I

This course will provide an opportunity for students to learn and experience the essentials of lifetime fitness principles, physical training and their effect on positive long-term health. The focus of this class is theory and practical application.

RELIGION

As disciples of Jesus Christ, we in the St. Francis Religion Department are called to continue His mission in the Church by proclaiming the Gospel to our students. Rooted in the Roman Catholic tradition and the charism of St. Francis of Assisi, the department seeks to make the kingdom of God present through the intellectual and spiritual cultivation of faith among our students. Through the study of theology and the religious traditions of the Catholic faith, our students should leave our faith community at St. Francis: knowing who they are as a Catholic women and men; prepared to bear witness to their faith; eager to continue their pursuit of truth and justice; and desiring to serve those in need. As religion teachers, we hope to evangelize our students with the Gospel in order to send them forth as disciples of Jesus Christ into the world.

Graduation requirement: 4 credits

RELIGION I: GOD'S REVELATION

Credit: 1 units

Eligible Grade Level: 9

Prerequisite: None

Required for Graduation

The purpose of this course is to give students a foundational understanding of God's Revelation to humanity. During Semester 1, students will gain general knowledge and appreciation of Sacred Scriptures, becoming familiar with the major sections of the Bible and the books included in each section. Particular attention will be given to the stories of the Old Testament, and the many ways that God's call and promise is revealed in these texts. During Semester 2, students will be introduced to the mystery of Jesus Christ, the God's ultimate Revelation to humanity. Particular attention will be given to the Gospels, learning about who Jesus is and about who He calls them to be.

RELIGION II: THE BODY OF CHRIST; THE PASCHAL MYSTERY AND THE CHURCH

Credit: 1 units

Eligible Grade Level: 10

Prerequisite: None

Required for Graduation

The purpose of this course is to help students understand all that God has done through Jesus and that in and through the Church they encounter the living Christ. During Semester 1, the students will discover how God wants us to share eternal happiness, which is accomplished through the life, death and resurrection of Jesus. Students will realize that they share in this redemption and be challenged to integrate this into their everyday lives. During Semester 2, they will discover that the Church was founded by Christ through the Apostles and is sustained by him through the Holy Spirit. The students will come to know that the Church is the living Body of Christ today. This Body has both divine and human elements, and the students will identify themselves as a part of the Body of Christ.

RELIGION III: LIVING SACRAMENTALLY

Credit: 1.0 unit

Eligible Grade Level: 11

Prerequisite: None

Required for Graduation

This course will also help students understand how they can encounter Christ today in a full and real way in and through the sacraments, and especially through the Eucharist. Students will examine the symbols and rituals of each sacrament in detail and learn how these encounters reveal Christ's presence throughout life.

RELIGION ELECTIVES

Credit: 1 unit

Eligible Grade Levels: 12

Two of the following courses are required for graduation.

CHRISTIAN HISTORY & HERITAGE

Credit: .5 units

Prerequisite: None

This course is devoted to exploring the history of Catholic Christianity and discovering how our heritage of faith is lived from day to day. The Christian faith has always challenged its adherents to live lives of integrity and fidelity to the Gospel call of Jesus Christ. The course focuses on this struggle for integrity by examining the major events and movements of our faith, from its origins to the present day. With research into the past and extensive discussion of the issues facing the church today, we will work to gain insight about how we might live our faith more fully in the future.

CHRISTIAN SPIRITUALITY

Credit: .5 units

Prerequisite: None

This course explores the journey of faith by identifying who we are and the challenge of becoming all we are meant to be in Jesus Christ. Understanding our horizons and perspectives as young adults will challenge the students to think in new ways about faith. Using spiritual classics, saints, scripture, Roman Catholic theology and Christian Tradition, students will critically reflect on the implications of a life lived in relationship with Christ.

PEACE AND JUSTICE

Credit: .5 units

Prerequisite: None

Based on a Franciscan approach this course explores peace and justice principles of the Church. Using the prayer of St. Francis as a model, this course will challenge students to consider how peace and justice teachings, rooted in Scripture, apply in the world today. While exploring Catholic Social Teaching, students will be asked to examine the Church's perspective and response to justice issues that affect the modern world. Taking into consideration prayer, Scripture, Catholic Social Teaching and Franciscan theology, students will critically reflect, respond and apply the principles taught in class to their own lives and worldviews.

SCIENCE COURSE SEQUENCING

	<u>Freshmen</u>	<u>Sophomore</u>	<u>Junior</u>	<u>Senior</u>
<i>Standard Placement Option</i>	Biology	Chemistry	Physics	Anatomy & Physiology &/or Environmental Science &/or Forensic Science
<i>Honors Placement Option</i>	Honors Biology	Honors Chemistry	Honors Physics	AP Biology &/or AP Chemistry &/or AP Physics

HONORS WORLD RELIGIONS

Credit: .5 units

Prerequisite: Overall GPA of 3.5 by the end of semester 1 of junior year, consent of the instructor.

This course responds to the Vatican II document “Declaration on the Relation of the church with non-Christian Religions” (Nostra Aetate) calling for a mutual understanding between Catholics and other religious traditions. In this course, the student will develop an understanding and appreciation of the religions Hinduism, Buddhism, Judaism, and Islam. The student will investigate each religion’s founder, basic history, beliefs, actions, sacred places and times. The student will also recognize the need for better understanding and dialogue between faith traditions, and they will be equipped to foster relationships and appreciation with those who express faith in a different manner.

SCIENCE

The Science Department curriculum affords students the opportunity to gain knowledge, understanding, and appreciation of scientific concepts. The sequence of courses develop the concepts of physical, chemical, and biological laws from the more simple to the more complex by incorporating a variety of instructional methods and laboratory experiences. An emphasis is placed on implementing analytical skills of scientific study and measurement, while exhibiting the ability to problem solve and integrate technology in both scientific research and lab-based activities.

Graduation requirement: 2 credits, must include Biology and Chemistry

AP® Science coursework: The Science Department Chairperson’s signature is required for students who wish to take two AP® science courses in a single school-year.

BIOLOGY

Credit: 1 unit

Eligible Grade Level: 9

Prerequisite: None

This laboratory-oriented course covers the diversity of processes and the structure and functions of living things from cells to complex organisms. Topics include: DNA, RNA, protein synthesis, plants, photosynthesis, biochemistry, cellular respiration and genetics.

HONORS BIOLOGY

Credit: 1 unit

Eligible Grade Level: 9

Prerequisites: 90% or above on the entrance exam, math placement and consent of the Department Chair

The laboratory-oriented course covers the diversity of processes and the structure and functions of living things from cells to complex organisms. Topics include: DNA, RNA, protein synthesis, plants, photosynthesis, biochemistry, cellular respiration and genetics. All topics covered will integrate critical thinking, analysis, and application of knowledge with material covered in future science courses. This course is designed for the student interested in science and who intend to continue with other honors and AP science coursework.

GENERAL CHEMISTRY

Credit: 1 unit

Eligible Grade Level: 10

Prerequisites: Completion of Biology

This laboratory-oriented course is designed to provide an understanding of the major principles and concepts of chemistry. Topics include: chemical bonding, periodic table, gases, thermodynamics, compounds, solutions, and reaction rates. Some time is devoted to the study of current topics.

HONORS CHEMISTRY

Credit: 1 unit

Eligible Grade Level: 10

Prerequisites: Completion of Biology; 98% average or above in Biology or 88% average or above in Honors Biology and in all previous math courses; and consent of the instructor and/or the Department Chair

This laboratory-oriented course is designed to provide an understanding of the major principles and concepts of chemistry. Topics include: chemical bonding, periodic table, gases, thermodynamics, compounds, solutions, and reaction rates. Some time is devoted to the study of current topics. Given the strong emphasis placed on quantitative problem solving, this course is suitable only for students with very strong math skills. This course is designed for the student interested in science and who intend to continue with other honors and AP science coursework.

PHYSICS

Credit: 1 unit

Eligible Grade Level: 11

Prerequisite: Completion of Biology, Chemistry, and Algebra 1

This laboratory-oriented course is designed to teach the major principles and concepts involved in physics. Topics include; kinematics, dynamics, circular motion, energy, momentum, .rotational motion, electricity, magnetism, vibration and waves, light and sound. Some time is devoted to the study of current topics and events.

HONORS PHYSICS

Credit: 1 unit

Eligible Grade Level: 11

Prerequisites: Completion of Biology and Chemistry; 98% average or above in previous college preparatory science coursework or 88% average or above in previous honors science coursework and all previous math courses; and consent of the instructor and/or Department Chair

This laboratory-oriented course is designed to teach the major principles and concepts involved in physics. Topics include; kinematics, dynamics, circular motion, energy, momentum, .rotational motion, electricity, magnetism, vibration and waves, light and sound. Some time is devoted to the study of current topics. Given the strong emphasis placed on quantitative problem solving this course is suitable only for students with very strong math skills.

ANATOMY AND PHYSIOLOGY

Credit: 1 unit

Eligible Grade Level: 12

Prerequisite: Completion of Biology, Chemistry and Physics or concurrently enrolled in Physics; 85% average or above in previous college preparatory science coursework.

This laboratory-oriented course is designed to define the structure, function and organization of the human body. This course teaches the needs and functional processes common to all living organisms. This course involves extensive dissection and covers the major body systems.

FORENSIC SCIENCE

Credit: .5 units

Eligible Grade Level: 12

Prerequisite: Completion of Biology, Chemistry, and Physics and /or Anatomy & Physiology

This laboratory-oriented course is a semester long course to help students to practice science as an inquiry. Topics covered by the course include; how scientific method is used to solve forensic problems, types of evidence, DNA analysis, how to evaluate a crime science, and forensic entomology. This course will consist of case studies, detailed journaling, and a final crime scene investigation.

ENVIRONMENTAL SCIENCE

Credit: .5 units

Eligible Grade Level: 12

Prerequisite: Completion of Biology, Chemistry, and Physics and/or Anatomy & Physiology

This laboratory-oriented course is a semester long course that allows students to become more aware of the interrelationships of all organisms and their biotic and abiotic factors. Topics covered by the class include: global interactions, biodiversity, sustainability, and energy.

HONORS ADVANCED PLACEMENT BIOLOGY

Credit: 1 unit

Eligible Grade Level: 11, 12

Prerequisites: Completion of Biology, Chemistry, Physics or concurrent enrollment in Physics; 98% average or above in previous college preparatory science coursework or 88% average or above in previous honors science coursework; and consent of the instructor and/or the Department Chair

This laboratory-oriented course is designed for those going into careers in science. The curriculum includes cell biology, plant and animal physiology, ecology and genetics. The course involves a weekly extended lab period, which meets either before or after the regular school day. This course follows the scope and sequence as described by the Advanced Placement program. Upon completion, students have the opportunity to take the AP exam in May.

HONORS ADVANCED PLACEMENT CHEMISTRY

Credit: 1 unit

Eligible Grade Level: 11, 12

Prerequisites: Completion of Biology, Chemistry, Physics or concurrent enrollment in Physics; 98% average and above in Physics or 88% average or above in Honors Physics and all previous math courses; and consent of instructor and/or the Department Chair

This laboratory-oriented course is designed to provide an understanding of the major principles and concepts of chemistry in a more detailed manner. Topics include: chemical bonding, periodic table, gases, thermodynamics, compounds, solutions, and reaction rates. Given the strong emphasis placed on quantitative problem solving, this course is suitable only for students with very strong math skills. This course involves an extended lab period, which meets before or after the regular school day. This course follows the scope and sequence as described by the Advanced Placement program. Upon completion, students have the opportunity to take the AP exam in May.

HONORS ADVANCED PLACEMENT PHYSICS

Credit: 1 unit

Eligible Grade Level: 12

Prerequisites: Completion of Biology, Chemistry, and Physics with a 98% average or above in previous college preparatory science course work or an 88% average or above in previous honors science course work, along with consent of the instructor and/or the Department Chair.

This laboratory-oriented course is designed for those going into careers in science and is designed to provide an understanding of the major principles and concepts of physics in a more detailed manner. Topics include: kinematics, Newton's laws of motion, gravitation, circular motion, work, energy, power, linear momentum, torque, rotational motion, simple harmonic motion, waves, sound, electrostatics and simple electric circuits. Given the strong emphasis placed on quantitative problem solving, this course is suitable only for students with very strong math skills. The course involves a weekly extended lab period, which meets either before or after the regular school day. This course follows the scope and sequence as described by the Advanced Placement program. Upon completion, students have the opportunity to take the AP exam in May.

SOCIAL STUDIES

The courses included in the Social Studies Department are designed to not only teach course content but also to encourage students to make comparisons of past events and current situations and to explore human behavior. The development of responsible decision making through an understanding of major themes, events and schools of thought within the Social Sciences is encouraged.

Graduation requirement: 2 credits by the end of junior year; must include 1.0 credits in World History and 1.0 credits in U.S. History I and U.S History II or III or 1.0 credit in AP U.S. History

WORLD HISTORY

Credit: 1 unit

Eligible Grade Level: 9

Prerequisite: None

This course provides both a general treatment of World History and an in-depth attention to pivotal periods in the development of Western Civilization. Students examine history through a number of methods, and an emphasis is placed on student-centered exercises while evaluation extends from traditional testing to student presentations. Study, listening, writing, and research skills are fostered so students have the opportunity to develop skills and techniques that will be useful at the college level.

U.S. HISTORY I (required)

Pre-Columbian through Civil War

Credit: .5 units

Eligible Grade Level: 10

Prerequisite: World History

All sophomore students are required to take this course. This course provides an overview of the cultural, economic, and political history of the United States from the Pre-Columbian period through the Civil War. Students examine history through a number of methods, and an emphasis is placed on student-centered exercises while evaluation extends from traditional testing to student projects and presentations. U.S. History is required for graduation from St. Francis High School and by the State of Illinois. The course also fulfills the State of Illinois requirements for the U.S. Constitution exam. The normal content of the course is enhanced by the use of the following strategies & resources: primary sources, secondary sources, group work, political cartoons, class discussion, think pair share activities, lectures, note taking, map work, term papers, debates, documentaries, films, handouts, written and reading homework.

Students are required to pass the U.S. and Illinois constitution tests upon completion of this course. Students that have successfully earned credit in A.P. US History are not eligible for this course.

HONORS ADVANCED PLACEMENT U.S. HISTORY

Credit: 1 unit

Eligible Grade Level: 10

Prerequisite: Minimum cumulative 4.0 GPA and consent of Social Studies Department Chair

This course is an in-depth study of the cultural, economic and political history of the United States. This course requires students to read and analyze at the college level as well as the use of additional source materials. Students are expected to meet additional research and writing requirements beyond those of the standard United States History course. Students are required to pass the U.S. and Illinois constitution tests upon completion of this course. This course follows the scope and sequence as described by the Advanced Placement program. If a student chooses to drop out of AP at semester, they will automatically be placed in US III for the next semester. Completion of AP History covers all regular US history courses; therefore, a student may not enroll in US III as an elective in their future course work. Upon completion, students have the opportunity to take the AP exam in May.

U.S. HISTORY II

Post-Civil War through World War II

Credit: .5 units

Eligible Grade Level: 10, 11, 12

Prerequisite: U.S. History I

This course provides an overview of the cultural, economic, and political history of the United States from the period of post-Civil War through World War II. The normal content of the course is enhanced by the use of the following strategies & resources: primary sources, secondary sources, group work, political cartoons, class discussion, think pair share activities, lectures, note taking, map work, term papers, debates, documentaries, films, handouts, written and reading homework. Students that have successfully earned credit in A.P. US History are not eligible for this course.

U.S. HISTORY III

Post-World War II to Present Day

Credit: .5 units

Eligible Grade Level: 10, 11, 12

Prerequisite: U.S. History I

This course provides an overview of the cultural, economic, and political history of the United States from the period of post-World War II through present day. The normal content of the course is enhanced by the use of the following strategies & resources: primary sources, secondary sources, group work, political cartoons, class discussion, think pair share activities, lectures, note taking, map work, term papers, debates, documentaries, films, handouts, written and reading homework. Students that have successfully earned credit in A.P. US History are not eligible for this course.

GEOGRAPHY

Credit: .5

Eligible Grade Level: 10, 11

Prerequisite: None

This course develops an understanding of the character of various regions of the world as influenced by environmental, historical, and cultural forces. Students improve their mental maps of the world and establish a basic foundation of knowledge about countries of the world and how they interact within an interdependent global system. Emphasis is placed on the role of the Middle East and its effect on world events and issues.

SOCIOLOGY

Credit: .5 units

Eligible Grade Level: 11, 12

Prerequisite: None

This course covers the basic study of sociology by introducing the founding sociologists and theories that underscore this social science. The course explores the main theories that define social issues of culture, societal structure, and race, gender, adolescent and stratification. This knowledge precedes a study of the breakdown in society which leads to deviance and the need for social control. This course is a prerequisite for Criminology.

ECONOMICS

Credit: .5 units

Eligible Grade Level: 11, 12

Prerequisite: None

This course is designed to explain the role that economics plays in the decision-making process. First, students learn about microeconomics--how individual choices affect supply and demand, organization of individual business firms and markets, and how individual incomes are determined. Next, students learn about macroeconomics--choices made by the whole economy, gross domestic product, unemployment, inflation, and money supply and banking systems. Last, students learn about the world economy--how

choices affect the global economy, international trade, and problems of less-developed countries.

HONORS ECONOMICS

Credit: .5 units

Eligible Grade Level: 11, 12

Prerequisite: Cumulative GPA of 3.80 or above and consent of current Honors Economics Instructor

This course is an in-depth study of the role that economics plays in the decision-making process. First, students learn about microeconomics--how individual choices affect supply and demand, organization of individual business firms and markets, and how individual incomes are determined. Next, students learn about macroeconomics--choices made by the whole economy, gross domestic product, unemployment, inflation, and money supply and banking systems. Last, students learn about the world economy--how choices affect the global economy, international trade, and problems of less-developed countries. This challenging course also includes a twelve week project dealing with the role of consumers in the global economy with real life applications. Students who earned credit in Economics may not enroll in this course.

PSYCHOLOGY

Credit: .5 units

Eligible Grade Level: 11, 12

Prerequisite: None

This course provides students with a broad overview of the field of Psychology. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice. Emphasis is placed on psychoanalytic, behavioristic, humanistic and cognitive approaches to human behavior. Topics covered include a brief history of the field, psychological methods, biology and behavior, learning, memory, adolescence, adulthood, gender roles, and psychological disorders. The normal content of the course is enhanced by the use of the following strategies & resources: primary sources, secondary sources, group work, and class discussion, think pair share activities, lectures, note taking, research papers, debates, documentaries, films, handouts, written and reading homework. Students that have completed one or both semesters of AP Psychology are not eligible for this course, but may choose to take AP Psychology following the completion of this course.

HONORS ADVANCED PLACEMENT PSYCHOLOGY

Credit: 1 unit

Eligible Grade Level: 11, 12

Prerequisite: Cumulative GPA of 3.80 or above and consent of current AP Psychology Instructor

Why do human beings behave the way they do, and why especially do humans hurt themselves and each other? Why, too, do humans behave so DIFFERENTLY from

one another? Is human behavior primarily “instinctual,” “learned” or is it a combination of nature AND nurture? To what degree has evolution also “sculpted” human behavior? In answering these questions, how do the various subfields of psychology differ, and which methodologies seem more “scientific”? Is it true that, given our new technologies, most human behaviors can now be explained by understanding the biological processes of the brain? By the end of the course, students will be able to formulate their OWN answers to these questions and better understand their own behavior and the behavior of those around them. This course follows the scope and sequence as described by the Advanced Placement program. Upon completion, students have the opportunity to take the AP exam in May. Prior course work in regular Psychology is not required.

HONORS ADVANCED PLACEMENT U.S. GOVERNMENT & POLITICS

Credit: 1 unit

Eligible Grade Level: 11, 12

Prerequisite: Cumulative GPA of 3.80 or above and consent of current AP US Government Instructor

Who ultimately holds power in the United States? Does power equally lie with our Congress, president and judicial system, which “check and balance” each other? Or do other persons/groups--such as committee chairmen, political action committees or the media--ultimately “call the shots”? And what power do average people--like you and me--have? To answer these and other fundamental questions about the American political system, students will study aspects of the lawmaking and policy making process. Topics covered include, among others, the Constitution, federalism, civil liberties, public opinion campaigns, interest groups, Congress and the lawmaking process, the Presidency, the judicial system, economic policy, foreign policy, and state and local governments. This course follows the scope and sequence as described by the Advanced Placement program. Upon completion, students have the opportunity to take the AP exam in May.

CRIMINOLOGY

Credit: .5 units

Eligible Grade Level: 12

Prerequisite: Sociology

This course gives students an opportunity to learn about the criminal mind by looking at classical and modern theories behind some of the most notorious criminal figures and infamous events in history. This is an academic course that looks to inform students on some of the most crucial unlawful troubles in society while examining what role crime plays in race and class in our culture. The class studies the attempts society makes to control criminal actions and bring order to humanity.

WORLD LANGUAGES

The World Language curriculum affords students the opportunity to begin or continue their study of Chinese, French and/or Spanish. In accordance with the National Foreign Language Standards, the curriculum is designed to foster communication in the target language, to stress knowledge of the target culture, to encourage connections with other disciplines, to make comparisons between the target language and culture and their own, and finally, to participate in multilingual communities at home and around the world. Because communication is at the core of the World Language curriculum, students must be encouraged to speak. In order to improve comprehension and verbal skills, students have the opportunity to work in interactive language programs on their mobile device. Students have further opportunity to perfect speaking skills and to gain cultural awareness during activities which simulate reality, use realia, and utilize audio-visual aids. The World Language teachers ultimately gauge student progress by means of traditional as well as performance based assessment. Finally, the curriculum is enhanced by educational trips to other countries, field trips, and varied classroom projects. By learning a world language, it is believed that students will nurture the critical thinking skills necessary to become lifelong learners.

Graduation requirement: 2 credits in the same language

CHINESE I

Credit: 1 unit

Eligible Grade Level: 9, 10, 11, 12

Prerequisite: None

Chinese Mandarin I is a beginning level world language course designed for students who have had limited or no previous exposure to the language. With a Chinese language course for beginners, students will gain listening, speaking, reading and writing skills in standard Chinese (Mandarin) and acquire an appreciation of Chinese culture. Students will be introduced to new vocabulary and language structures in a communicative environment using a variety of readings and projects.

CHINESE II

Credit: 1 unit

Eligible Grade Level: 10, 11, 12

Prerequisite: Chinese Mandarin I

Students continue to develop their listening, speaking, reading and writing skills. Furthermore, students continue to work on proper pronunciation while practicing more complex sentences. Finally, students learn practical vocabulary to use in real-life situations. Interwoven with the study of useful vocabulary and grammar, is the presentation of Chinese culture and civilization.

HONORS CHINESE III

Credit: 1 unit

Eligible: Grade Level: 11, 12

Prerequisite: Minimum of 86% in Chinese II and recommendation of instructor.

HONORS CHINESE IV

Credit: 1 unit

Eligible: Grade Level: 11, 12

Prerequisite: Minimum of 86% in Chinese III and recommendation of instructor.

In Honors Chinese III and Honors Chinese IV students will synthesize the skills of listening, speaking, reading, and writing they acquired in the previous courses and expand their knowledge of the Chinese language and culture. This level course provides students with opportunities to expand their Chinese skills with literary texts, authentic materials, and media on different topics. The content and exercises help students improve in discussing, comparing, and analyzing cultural differences. The learning activities continuously reinforce student-centered learning, cooperative learning, use of information technology, and creative learning and thinking. The purpose of this course is to assist students in developing their level of Chinese proficiency.

In order to accommodate different-level students, the two levels of students will study the same unit with different expectations. Thus, expectations and some assessments are different. The course will be a two year plan.

FRENCH I

Credit: 1.0 unit

Eligible Grade Level: 9, 10, 11, 12

Prerequisite: None

French 1 is a beginning level world language course designed for students who have had limited or no previous exposure to the language. This course emphasizes the four language skills: listening, speaking, reading, and writing. Since fluency is one of the major goals of French study, particular emphasis is placed on speaking exercises and proper pronunciation of the material. Students also explore various cultural elements of the Francophone countries through readings and presentations. To support this process, students use interactive language software and internet based activities.

FRENCH II

Credit: 1 unit

Eligible Grade Level: 10, 11, 12

Prerequisite: French I

Students continue to develop their listening, speaking, reading and writing skills. Furthermore, students continue to work on proper pronunciation while practicing more complex grammar. Finally, students learn practical vocabulary to use in real-life situations. Interwoven with the study of useful vocabulary and grammar, is the presentation of French culture and civilization. To support this process, students use interactive language software.

HONORS FRENCH II

Credit: 1 unit

Eligible Grade Level: 10, 11, 12 (9 by world language placement test)

Prerequisite: Minimum 88% in French I grade and recommendation of French I instructor.

While all French II students continue to develop their listening, speaking, reading and writing skills, an Honors French II student will be encouraged to speak French on an ever increasing basis with the goal being to use the target language during the entire class. The Honors French II student learns complex grammar, proper pronunciation, and practical vocabulary for real-life situations. Interwoven with the study of useful vocabulary and grammar, is the presentation of French culture and civilization. To support this process, students use interactive language software.

HONORS FRENCH III

Credit: 1 unit

Eligible Grade Level: 10, 11, 12

Prerequisite: Minimum 86% in Honors French II and recommendation of instructor. The student may also qualify with a 95% in regular French II and recommendation of instructor.

Honors French III is designed to develop a more advanced command of the four language skills: listening, speaking, reading, and writing. While advanced grammar and verb tenses are an integral part of the curriculum, continued emphasis will be placed on speaking and proper pronunciation. They begin to analyze, discuss and summarize in French, the literature they have read. Finally, students also use interactive language software and internet based activities.

HONORS FRENCH IV

Credit: 1 unit

Eligible Grade Level: 11, 12

Prerequisites: Minimum 86% in Honors French III and recommendation of instructor.

Students continue to develop a more advanced command of the four language skills: listening, speaking, reading, and writing. While difficult grammar and verb tenses are an integral part of the curriculum, continued emphasis is placed on writing, speaking and proper pronunciation. Students maintain the French speaking personality they developed in Honors French III. Students must also complete units working with interactive language software. Furthermore, students will read and analyze *Le Petit Prince* by Antoine de Saint Exupéry or *Les Misérables* by Victor Hugo. Finally, students will conclude their course of study with *Les Beaux Arts: French poetry, art and film*.

SPANISH I

Credit: 1 unit

Eligible Grade Level: 9, 10, 11, 12

Prerequisite: None

Spanish I is a beginning level world language course designed for students who have had limited or no previous exposure to the language. This course emphasizes the four language skills: listening, speaking, reading, and writing. Since fluency is one of the major goals of world language study, particular emphasis is placed on speaking exercises and proper pronunciation of the material. Students also explore various cultural elements of Spain as well as other Spanish-speaking countries through readings, projects, and other interactive language software.

SPANISH II

Credit: 1 unit

Eligible Grade Level: 10, 11, 12

Prerequisites: Spanish I

Students continue to develop their listening, speaking, reading and writing skills. This course also examines Spanish culture and civilization in various Spanish speaking countries. Students will also use interactive language software to further their studies in the language.

HONORS SPANISH II

Credit: 1 unit

Eligible Grade Level: 10, 11, 12 (9 by World Language-placement test)

Prerequisite: Minimum 93% Spanish I and recommendation of instructor. Incoming freshman may qualify for Honors Spanish II contingent upon placement exam results.

All Honors Spanish II students continue to develop their listening, speaking, reading and writing skills. An Honors Spanish II student is encouraged to speak Spanish on an ever-increasing basis with the goal being to use the target language during the entire class. This course introduces many cultural elements representative of Spanish-speakers from the United States, Spain and Latin America. Students will also use interactive language software.

SPANISH III

Credit: 1 unit

Eligible Grade Level: 10, 11, 12

Prerequisites: Minimum of 80% in Honors Spanish II or 85% in Spanish II and recommendation of instructor.

Students continue to reinforce grammatical concepts learned previously. Emphasis is placed on identifying and conjugating verbs in a variety of different levels. Students will journal frequently on a variety of related topics. Students complete cultural readings to reinforce learned material. Students will also use interactive language software.

HONORS SPANISH III

Credit: 1 unit

Eligible Grade Level: 10, 11, 12

Prerequisite: Minimum 93% in Honors Spanish II or 96% in Spanish II (which will include curriculum additions) and recommendation of instructor.

Students begin with the review of previously learned vocabulary and grammatical concepts. New vocabulary, advanced grammar and writing are an integral part of the course. These concepts prepare students for reading and discussing various Spanish literatures. Classroom discussion and conversation is conducted in Spanish. Students will also use interactive language software.

SPANISH IV

Credit: 1 unit

Eligible Grade Level: 11, 12

Prerequisite: Minimum of 85% in Spanish III or 80% in Honors Spanish III

Students continue with the advanced study of grammar, writing and reading with an emphasis in conversational Spanish. Classroom discussion and conversation is conducted in Spanish. Students will also use interactive language software.

HONORS SPANISH IV

Credit: 1 unit

Eligible Grade Level: 11, 12

Prerequisites: Minimum 93% in Honors Spanish III or 96% in Spanish III (which will include curriculum additions) and recommendation of instructor.

Students continue the advanced study and refinement of grammar, writing, speaking, reading, and listening skills. All classroom discussions and conversation are conducted in Spanish by both the teacher and the students. College level assignments and assessments are employed to prepare students for college entrance exams. Students will be exposed to various works of literature, cinema, and current events to expand their cultural understanding of Spain and Latin America. Students will use interactive language software to record voice, practice grammar, create presentations and research.

SPANISH V

Credit: 1 unit

Eligible Grade Level: 12

Prerequisites: Minimum of 80% in Honors Spanish IV or 86% in Spanish IV and recommendation of the instructor.

Students continue the advanced study of grammar concepts. There is a focus on fine-tuning students' writing, reading, speaking and listening skills with a special emphasis on conversational Spanish. All classroom discussions and conversation are conducted in Spanish by both the teacher and the students. Along with the study of grammar, there will be a cultural study of the Spanish and Latin American cultures that will stimulate conversations and debates. Students will use the interactive language software to further their study of the language through voice recording, research and grammar practice.

HONORS ADVANCED PLACEMENT SPANISH LANGUAGE AND CULTURE

Credit: 1 unit

Eligible Grade Level: 12

Prerequisite: Minimum of 93% in Honors Spanish IV and recommendation of instructor.

Advanced Placement Spanish Language is an advanced level Spanish language course. Emphasizing the use of Spanish for active communication, it encompasses aural/oral skills, reading comprehension, grammar, and composition. The objectives of the course are to understand Spanish at a natural pace in formal and informal contexts, develop active vocabulary without dependence on a dictionary, and communicate with describing, narrating, and inquiring for different contexts and audiences. Students will study culture and literature from Spain and Latin America based on the themes covered in the Advanced Placement exam. These themes include cultural identity, gender roles, the concept of beauty and the interaction of man and nature. Finally, students, upon completion, are eligible to take the Advanced Placement Spanish Language and Culture exam in May.

NON CURRICULAR

STUDY HALL

Students may sign up for one study hall per semester.

OFFICE AIDE

Students may apply to be an office aide during their study hall. Office aide duties will involve the entire period each day and take top priority.

PERFORMING AND VISUAL ART AIDE

Upper level art students may apply to be a Fine Art aide during their study hall. The Fine Art aide will assist with art classes and school-wide projects, i.e. Mass decorations, theater props, etc. Fine Art aide duties will involve the entire period each day and take top priority.

TEACHER AIDE

At times, teachers may request a student aide during the student's study hall. Students interested in being an aide for a specific teacher need written permission from the teacher to the student's Guidance counselor.

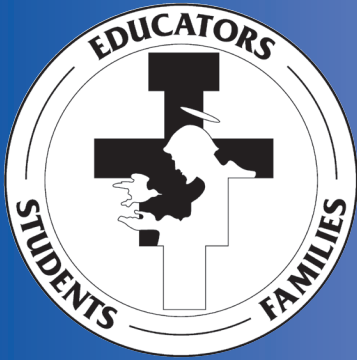
NON-TRADITIONAL CURRICULUM

ONLINE CLASSES

St. Francis High School is committed to offering students the opportunities to take courses that provide expanded curricular options beyond the scope and sequences of the St. Francis High School curriculum. St. Francis High School has developed a partnership with the Jesuit Virtual Learning Academy (JVLA) which serves as the educational provider for students taking online classes. Course offerings are from the following disciplines: Computer Science, Social Studies, Science and World Languages. All courses are considered electives and upon successful completion of the course, students receive credit and GPA credit for each course. Students interested in pursuing enrollment in an online course should make an appointment with the Assistant Principal.

VOCATIONAL EDUCATION

For additional information on vocational education opportunities for students in school districts that sponsor the Technology Center of DuPage, see your guidance counselor. This program is only recommended for students who are not planning to attend a four year college after graduation.



ST. FRANCIS HIGH SCHOOL

MISSION

St. Francis High School is a Catholic, college preparatory learning community that promotes spiritual, academic, physical and social development in the daily presence of Jesus Christ. (2010)

VISION

Develop students who are:

- faith-filled participants of the Church
- committed to Christian service
- critical thinkers
- effective and creative communicators
- persons of integrity
- physically fit and emotionally healthy
- respectful and accepting of others
- responsible citizens of the world
- self-directed, lifelong learners (2010)

ST. FRANCIS HIGH SCHOOL

COLLEGE PREPARATORY

2130 W. Roosevelt Road

Wheaton, IL 60187

630-668-5800

www.sfhscollegeprep.org