

ST. FRANCIS HIGH SCHOOL

"A ROMAN CATHOLIC, FRANCISCAN, COLLEGE READY SCHOOL THAT
SERVES YOUNG MEN OF DIVERSE FAITHS AND BACKGROUNDS"



Course Catalog 2026-2027

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ST. FRANCIS HIGH SCHOOL IS ACCREDITED BY:

Middle States Association of Colleges & Schools

MEMBER OF:

National Catholic Education Association
National Association of Secondary School Principals

COURSE CATALOG



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COURSE PLACEMENT & CHANGES

St. Francis has prepared this course description brochure to assist students in the course selection process. Every attempt is made to match the student’s needs and aptitudes with appropriate courses. All course placements are accomplished by the counseling department in consultation with faculty, administration, past achievements, along with post-secondary interests. Current student course placements for the following year are accomplished by their school counselor, current teachers, in conjunction with department chairpersons, based on aptitude, previous achievement, and the school’s curriculum guidelines. Incoming student course placements are accomplished by the combined efforts of past achievements, standardized testing, St. Francis H.S. graduation requirements, curriculum guidelines, course placement testing, counseling department, and department chairpersons. Students should consult with their school counselor, teachers, and parent(s)/guardian(s) in the selection process.

The school reserves the right to withdraw any course or section of a course at any time due to insufficient enrollment or faculty availability, as well as limit the number of students scheduled for any given course. Administration reserves the right to refuse to admit students to courses for which they prove to be unqualified. Students who have scheduling conflicts will be placed in appropriate courses at the discretion of the counseling department. After the course request and verification process is complete, all course selections are considered final. **No elective changes will be made after June 1st.**

GRADUATION REQUIREMENTS

The general distribution of the 27.0 credits required for graduation is outlined below.

- English: 4 credits
- History & Social Sciences: 4 credits
- Science: 3 credits
- Mathematics: 3 credits
- Foreign Language: 2 credits at St. Francis
- Theology: 4 credits
- Fine Arts: 1 credit
- Physical Education: 2 credits
- Health: ½ credit
- Seminar: ½ credit
- Elective: 3 credits

Honors & Advanced Placement

Honors/Accelerated courses require exceptional aptitude and motivation. Students must have superior competencies and well-developed study skills. The courses are fast paced and involve more interdisciplinary and independent work by the student. Weighting: 1.05

To gain admission to AP Courses, the student must have the approval of the department and meet the prerequisites. Students who enroll in Advanced Placement courses are required to pay the exam fee and take the AP Exam administered by The College Board. Students who enroll in AP courses must remain in the course for the entire school year. College credit is awarded at the discretion of the post-secondary institution based on AP exam scores. Weighting: 1.07

Franciscan Service Learning Program

Through this program, every member of the student body participates in experiences of service, designed to progressively introduce students to a variety of service opportunities and to grow in our young men a lifelong commitment to the works of mercy. Students participate in a required minimum number of service experiences based on their Class Year. The yearly requirement builds in amount and intensity of service. Students also complete a Franciscan Theological Reflection on their service experiences. Participation in and successful completion of the program, is required for a student's matriculation to the following year and a Senior's graduation.

Summer Reading

All students must complete a summer reading assignment.

COURSES OF STUDY

FRESHMEN

1. Theology: Old Testament and Franciscan Studies
2. Advanced Foundations of Literature
3. Exploration of Buffalo History and Classic Civilizations
4. Biology/Engineering Essentials
5. Integrated Math 9
6. Language I/Language II
7. Physical Education
8. Freshman Seminar
9. Health

SOPHOMORES

1. Theology: New Testament Scripture and Franciscan Studies
2. World Literature
3. Turning Points in World History/ AP World History: Modern
4. Chemistry/Physics/Engineering Essentials/Principles of Engineering
5. Integrated Math 10
6. Language II/Language III
7. Physical Education
8. Studio in Art/Chorus

JUNIORS

1. Theology: Morality and Ethics
2. American Literature/AP Language & Composition
3. United States History: Building a Nation/NUSTEP United States History 1877-Present
4. Integrated Math 11/Introduction to Calculus
5. Chemistry/Physics/AP Biology/SUPA Physics
6. Studio in Art/Chorus
7. Physical Education
8. Elective (choose 1)

SENIORS

1. Theology: Apologetics and the Theology of the Body
2. Senior English/AP Literature & Composition
3. Economics and Government/NUSTEP Government
4. Physical Education
5. Senior Seminar
6. Elective (choose 3)

COLLEGE READY AT ST. FRANCIS

We at St. Francis High School aim to provide students and families a wide-range of opportunities and advantages in higher education. As part of our academic mission, we want to ensure that our students are ready for the rigor of college academics. Our Advanced Placement and Dual-Enrollment courses allow students to earn college credit and college transcripts while still in high school.

Dual-Enrollment - students can take college courses at St. Francis and earn college credits from classes taught by our faculty. Students never have to leave St. Francis to earn credits and become college ready. Students who enroll in Dual-Enrollment courses will have the opportunity to purchase credits at a discounted rate (*see table below*).

Niagara University - NUSTEP

- U.S. History 1877-Present (3 credits)
- Government (3 credits)

Syracuse University - SUPA

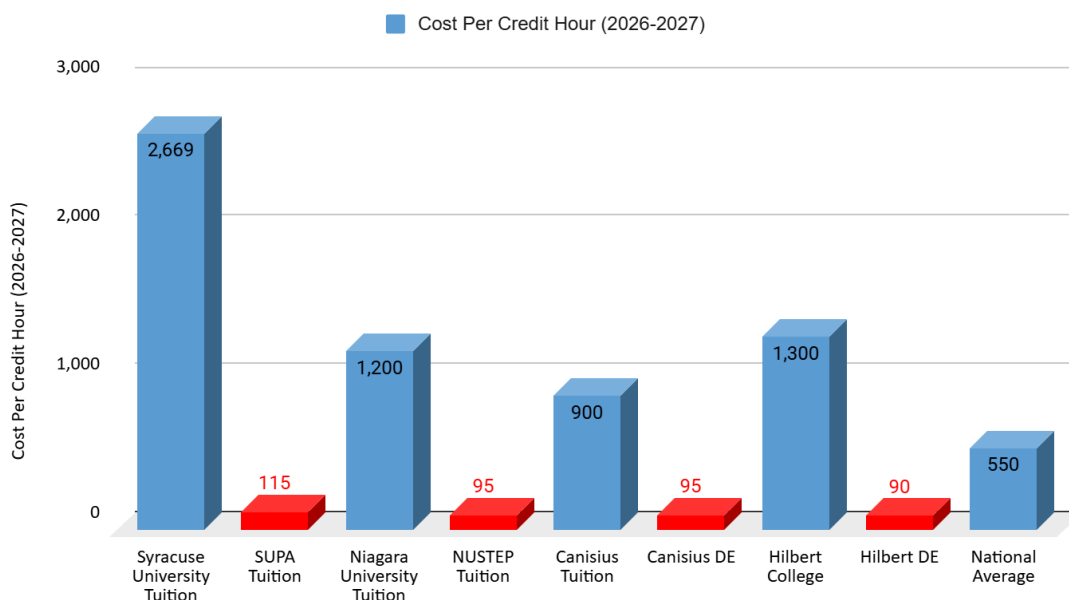
- Psychology: Foundations of Human Behavior (3 credits)
- General Physics I and II (4 credits)

Hilbert College

- Introduction to Calculus (3 credits)
- Spanish V (3 credits)
- Statistics (3 credits)
- English Creative Writing (3 credits)

Canisius University

- Accounting Foundations (3 credits)
- Introduction to Entrepreneurship (3 credits)



**Students and parents will be notified about timelines related to enrollment, registration, payments, and requesting transcripts.*

PADUAN SCHOLARS PROGRAM



The Paduan Scholars Program offers a challenging curriculum for gifted students. The Program is named for St. Anthony of Padua, patron of the Franciscan Friars Conventual of Our Lady of the Angels Province who staff St. Francis High School. His keen intellect, strength of character and unshakable faith earned him the title "Doctor of the Church".

Candidates for the Paduan Scholars Program will be offered several challenging learning opportunities. Classes will include enriching activities designed to enhance critical thinking skills and creativity. Paduan Candidates are expected to focus on application of concepts, analysis or issues, and recognition of cross-disciplinary connections.

All freshmen Candidates will be enrolled in the Honors seminar during the second semester. The course specifically addresses vital skills and strategies such as time management, organization, logic and reasoning, journal writing, library research, and technology-based presentations. The goal of the seminar is to set a course of success for students in the Paduan Program, in college, and in life.

Paduans must attend special field trips. The field trips are designed to provide hands-on experiences and cultural enrichment that complement their classroom lessons across the curriculum. Past trips include Buffalo River History Tours, the Albright-Knox and Burchfield Penny Art Galleries, Rich Products, Moog, Fisher Price, the Earthquake Research Facility at UB, Tifft Farm Nature Preserve, the Downtown Buffalo Public Library, and Forest Lawn Cemetery just to name a few. As a culminating, college preparatory project, Junior Paduans will complete and present the Paduan Capstone Project senior year. Paduans are required to immerse themselves into a topic of study for which they have a genuine interest and complete a research based argument and defense of their findings and experiences. The final projects must be presented to faculty and peers.

The Paduan Program is an opportunity and a challenge for our most gifted students. The Program incorporates the mission of St. Anthony of Padua, incorporating "keen intellect, strength of character, and unshakable faith" to produce the scholars, leaders, and men of Christ for the 21st century.

*Paduan Candidates are NOT required to enroll in a certain number of honors or accelerated courses; however, this is a program for our most gifted students and true Paduan Scholars embrace challenges. In order to gain Junior Paduan status after sophomore year, students will need to prove to the acceptance committee that they have challenged themselves while at St. Francis High School.

PADUAN SCHOLARS PROGRAM GUIDELINES

- Paduan Candidacy is a four-year process.
- Students must maintain at least a 95 GPA overall to maintain Paduan status.
- Paduans will automatically be eligible for membership in National Honor Society by maintaining the minimum GPA.
- Paduans are required to complete a capstone project at the end of senior year.
- Once all requirements of the program are fulfilled, Paduans will be recognized as Paduan Scholars at the Baccalaureate Mass.

ACADEMY OF BUSINESS

The St. Francis Academy of Business was designed to give students the opportunity to obtain the knowledge and skills necessary to be successful in the world of business. This program offers students the opportunity to earn college credit while learning in a hands-on learning environment.

Members of the St. Francis Academy of Business can expect challenging college-level curriculum, presentations from business leaders in WNY and beyond, hands-on field trips in the world of business, and mentorships through our school's extensive network of business alumni. All academy students will also participate in Future Business Leaders of America - the largest business Career and Technical Student Organization in the world.

This two-year program is set to prepare students for a lifetime of success and leadership. Our partnership with Canisius University allows students to complete the following courses for both high school and college credit: Accounting and Introduction to Entrepreneurship.

Accounting is designed to give an introduction to accounting in preparation for college and as a first step to a career in business. Accounting, often referred to as the language of business, provides financial information about a business/organization to owners, managers, potential investors and other interested parties. Students will learn the accounting cycle from when a transaction occurs through preparing the financial statements. Students will learn about revenues, expenses, assets, liabilities, owner's equity, debits and credits in order to prepare balance sheets, income statements, and journal entries.

Entrepreneurship aims to provide an understanding of the entrepreneurial process from both conceptual and applied perspectives. Topics include creativity, innovation, and the characteristics of entrepreneurs, common issues encountered by entrepreneurs, entrepreneurial marketing, entrepreneurial finance, and organizational strategies for new business enterprises.

ST. FRANCIS ACADEMY OF BUSINESS TIMELINE

Students may apply to the St. Francis Academy of Business at the end of their Sophomore year.

*April of Sophomore Year

- Applications will be available
- Letters of recommendation
- Interview with Moderator
- Selection process

*Junior Year

- Accounting Foundations (Canisius University Dual Enrollment)

Total College Credits: 3

*Senior Year

- Introduction to Entrepreneurship (Canisius University)
- FBLA Membership

Total College Credits: 3

**More courses will be added soon!*

*Students are expected to maintain a GPA of 85% in all academy courses in order to remain in the program.

**All college credits will require a separate fee to be payable directly to the university. Additional individual course fees may apply based on materials needed.

THEOLOGY

Theology: Old Testament Scripture and Franciscan Studies

010 (Honors)

011 (College Prep)

FRESHMEN, 1 credit

The first year of Theology begins with an introduction to the Franciscan Tradition with a focus on the life and spirituality of St. Francis of Assisi.

The course also provides an introduction to the study of Catholic Christianity. The basic beliefs and teachings of Jesus Christ as entrusted to the Roman Catholic Church will be explored.

The final part of the course is an introduction to Old Testament Scripture. Emphasis is placed on the significance of reading the Old Testament for a proper understanding of Jesus Christ, Catholic Christianity, and salvation history as a whole.

Honors: Additional requirements for Honors sections include projects on biblical topics. Quality and quantity of the work in this program is to be more in-depth and scholarly.

Theology: New Testament Scripture and Franciscan Studies

020 (Honors)

021 (College Prep)

SOPHOMORES, 1 credit

The sophomore Theology course is centered on the New Testament and the person of Jesus Christ. One cannot properly understand Christianity without an understanding and appreciation of Scripture. The Bible will be explored as a book of literary, historical, and spiritual importance. In the second semester the Sacraments of the Catholic Church will be explored.

Attention will be given to the scriptural foundation of each of the sacraments. Franciscan themes associated with the cross and the writings of St. Francis will complement the discussion of the life of Christ.

Honors: Additional requirements for Honors sections include projects on biblical topics. Quality and quantity of the work in this program is to be more in-depth and scholarly.

Theology: Morality and Ethics

030 (Honors)

031 (College Prep)

JUNIORS, 1 credit

The junior Theology course is designed to utilize the theological foundation established by the first two years of Theology class. This course seeks to apply the Christian faith to the real life issues of our day. Part of the course covers the principles of moral theology.

Concepts covered include conscience, free will, natural law, virtue, and sin. Practical examples of living the moral life will be drawn from the lives of Franciscan saints.

The course will also offer an analysis of specific moral and ethical issues. Catholic Social teaching, sexual ethics, and advocating for a consistent ethic of life will be deeply explored through relevant modern issues. Care for God's Creation will also be an emphasis of the course.

Honors: Additional requirements for Honors Sections include projects on topics of moral issues. Quality and quantity of the work in this program is to be more in-depth and scholarly.

Theology: Apologetics and the Theology of the Body

040 (Honors)

041 (College Prep)

SENIORS, 1 credit

The senior Theology course is designed to integrate the entire four year religion curriculum. Part of the course will focus on Christian Apologetics (a reasoned defense of the faith). We will explore questions dealing with the existence of God, the trinity, heaven, hell and purgatory, good and evil, the Catholic Church, devotion to Mary and the saints, and the papacy. The second part of the course will focus on the Theology of the Body (a biblical understanding of human sexuality and marriage). We will explore questions dealing with the nature of love, sex, the institution of marriage, Natural Family Planning, vocations, and chastity. A discussion of religious vocations, and in particular the Franciscan Order and its charism will be included.

Honors: Additional requirements for Honors sections include projects on relevant topics. Quality and quantity of the work in this program is to be more in-depth and scholarly.

ENGLISH

Advanced Foundations of Literature

110 (Honors)
111 (College Prep)
FRESHMEN, 1 credit

Freshmen English introduces students to the main components of communication; reading, writing, listening, speaking, and language fundamentals. The course requires students to become active participants in their education. The foundational texts are a mix of classical and contemporary pieces from a variety of genres: fiction, non-fiction, poetry, and drama. The writing process - planning, drafting, revising, editing, and publishing - is introduced and is directly connected with student success in this writing-intensive course. Class and group discussions, individual and group presentations, viewing and analysis of images and film provide practical and relevant use of the students' developing communication skills and incorporate various forms of technology and multimedia. Practice in grammar, usage, vocabulary, research, and library science are woven into various lessons. Evidence and credible research are valued over generalizations and basic summaries.

World Literature

120 (Honors)
121 (College Prep)
SOPHOMORES, 1 credit

The sophomore course emphasizes further development of the communications skills of reading, writing, listening, and speaking introduced at the freshman level. This includes expanding thought development through journal writing, developing pre-writing activities, a strong focus on revision and proofreading with constant reinforcement of mechanics, usage, and grammar skills. The literature is a blend of classic and contemporary masterpieces, chosen to correlate with the sophomore Global Studies course. World-renowned authors from European, Asian, African, and Middle Eastern countries are included. There is an emphasis on critical interpretations through reading and writing, application of literary terms and vocabulary skills, and a major research project. Cause-effect, comparison-contrast, and argument will all be significant strategies used to develop personal expressive and creative writing.

Honors: Students will read eight extended works. Fiction and non-fiction texts will parallel material covered in AP World History to provide support and depth to students about the impact that culture, geography, politics, religion, etc. all have upon the identities of historically significant people as well as average citizens of a given era. Students will complete a research paper in MLA format (8-10 pages).

American Literature

130 (Honors)
131 (College Prep)
JUNIORS, 1 credit

The junior year is a more sophisticated study of the communications process. Literature presented is a chronological study of American Literature, including the early Native Americans and the pre-revolutionary colonists. Every effort is made to coordinate this course with the History curriculum and teachers are working together on integrating the curriculum as much as possible.

English IV: Creative Writing

144
(EN 250 Hilbert Dual Enrollment)
SENIORS, 1 credit

This course should be an exploration for the student of the creative writing process to discover what elements are desirable, and how to embrace them. The major purpose of this course is to meet you where you are in your creative writing, and help you improve and take those writing skills farther. A secondary objective will be to provide students with greater technical control over their work and also help develop critical reading skills. By the end of the semester, students will have developed a keen, critical eye. Furthermore, students will begin to gain a sense of their own personal "voice" and a greater awareness of the subjects and styles that interest them the most. Students should gain some exposure to the mechanisms of submission and publication of creative writing.

Senior English begins with writing and revising college essays to researching and publishing in-depth research projects and papers.

ENGLISH

English IV: Introduction to Horror in Literature

148

SENIORS, 1 credit

This course aims to explore the role of horror in literature and film and answer the question: How does the study of the horror genre reveal a truth about the human condition?

Starting with the works and plays of Marlowe, Irving, and Hawthorne, the course will examine the origins of the genre. From there, students will analyze the influence of family, science fiction, and personality disorders. From those roots, the course will conclude with a study of how earlier works inspired contemporary horror and the influence of the supernatural in everyday society through the works of Stephen King.

Senior English begins with writing and revising college essays to researching and publishing in-depth research projects and papers.

English IV: Film and Mass Media

146

(College Prep)

SENIORS, 1 credit

The media has a significant impact on American society and culture. The goal of this film and mass communication class will be to provide students with the tools to read the world around them and to help them understand the impact that the mass media has upon them.

Students will analyze, interpret, and evaluate the power of language and images in order to comprehend how they may avoid being subject to that power as well as how they may use that power for their own benefit, for the entertainment of others, and for the purpose of promoting positive social change.

In addition, students enrolled will be responsible for their own production of media. Students will be responsible for producing weekly television news programs, commercials, investigative journalism segments, current events pieces, interviews, and promotional videos showcasing events at St. Francis. Lessons in videography, script writing, lighting, audio, and editing will be incorporated into the course.

Senior English begins with writing and revising college essays to researching and publishing in-depth research projects and papers.

English IV: 21st Century Literature

149

(College Prep)

SENIORS, 1 credit

21st Century Fiction seeks to answer the question of how the rise of untraditional stories and storytellers have changed form and genre in the last quarter century. Students will be asked to analyze how our country's history shapes our modern stories, how literature can give voice to the voiceless, and what it means to write fiction in the 21st century. Readings will include works by Colson Whitehead, CE Morgan, and Daniel Mason.

Senior English begins with writing and revising college essays to researching and publishing in-depth research projects and papers.

AP Literature & Composition

150

SENIORS, 1 credit

The content of the course will revolve around the changing idea of the Hero from the classical to modern times. The student is encouraged to relate and synthesize the Heroic ideal with the writer's milieu. The literary content centers around four specific genres: Epic, Drama, Poetry and the Novel. Close critical reading and concentrated explication of poetry is of primary importance. The composition portion stresses the student's mastery of writing skills, namely ordering ideas into a logical pattern, developing them with pertinent and valid detail, and effectively communicating them to the reader with fluency and tact.

Students must also write two research papers, develop a writing portfolio, create effective resumes, conduct interviews and compose effective college applications.

**Admission to this course is subject to departmental approval.*

ENGLISH

AP Language & Composition

151

JUNIORS, SENIORS

1 credit

Regardless of the college major or career one chooses, adept reading and writing skills are invaluable assets that can provide an advantage over others in the same field. The purpose of this course is to motivate students to become exceptional writers through reading and emulating the expert writing of others. Students will mainly utilize the short writings, short stories, essays, speeches, journals, etc., of published authors who have written about a variety of subjects from personal experiences and political views to imaginative fiction and complex scientific theories. This course will explore and analyze through reading and responding a variety of topics, including pop culture, economics, environment, justice, education, and sports.

Students will gain experience with written expression through journal writing, personal essays, comparative essays, critical literary analysis, research, and creative fiction. An intense emphasis will be placed upon the effective use of charges and descriptive language which will strengthen the tone and mood of the writer's work. The conventions of the English language will be scrutinized for the purpose gearing writers toward the idea of polishing and presenting a publishable piece of writing with each opportunity.

**Admission to this course is subject departmental approval.*

***Prerequisite: successful completion of 120.*



HISTORY AND SOCIAL SCIENCES

Exploration of Buffalo History & Classical Civilizations & Empires

210

FRESHMEN, 1 credit

The course recognizes the diverse origins of our students from Western New York and explores the importance of understanding the local history of our area. It provides students with the chance to explore their city and region through immersive learning experiences, including field trips, tours and guest speakers. Collaborating with the English department, students delve into readings about the region, exploring topics such as Buffalo's evolution as a trade haven, its role in presidential inaugurations, and its rich history of architecture and design.

The second semester of freshman year will serve as an introduction to classical civilizations, expansive empires, and discussions about the origins of world religions. Students will concentrate on major empires and civilizations across Europe, Asia, Africa, and the Americas. Topics will encompass Ancient River Valley civilizations (Egypt, Mesopotamia, India, and China), Ancient Greece, Ancient Rome, Alexander's Empire, and civilizations in the Americas such as the Olmecs, Aztecs, Incas, Mayans, along with early Chinese dynasties.

Turning Points in World History

221

SOPHOMORES, 1 credit

Turning Points in World History seeks to explore crucial moments that have deeply impacted communities, cultures, and the global geopolitical landscape. The course focuses on key historical events that signaled significant shifts in the development of civilizations, cultures, and international relations. Utilizing an interdisciplinary approach, students will delve into major historical periods, investigating their origins, influences, and lasting effects on the global stage. This course is crafted to cultivate critical thinking, historical analysis, and an appreciation for the interconnected nature of significant historical events.

AP World History: Modern

252

SOPHOMORES, 1 credit

In AP World History: Modern, students investigate significant events, individuals, developments, and processes from 1200 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change over time. The course provides six themes that students explore throughout the course in order to make connections among historical developments in different times and places: humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation. Upon completion of the course students will take the Advanced Placement examination in World History.

United States History: Building a Nation

231

JUNIORS, 1 credit

This United States history survey course explores the American experience by examining major events and turning points from the creation of the nation to modern times. The course chronicles the development of America from pre-Columbian times to the present, analyzing political, social, and economic events. Key focus areas include American government and Constitutionalism, the Bill of Rights, and pivotal periods such as Washington to Jackson, Lincoln and the Civil War, industrialization, World Wars, the Depression, and the Cold War. Throughout the course students gain an understanding of cultural diversity by examining history from various perspectives.

HISTORY AND SOCIAL SCIENCES

NUSTEP United States History 1877-Present

254
(Niagara University
Dual-Enrollment)
JUNIORS, 1 credit

Late nineteenth- and early twentieth-century social and economic history is examined against a background of increased nationalism and rapid industrialization that accompanied and followed the Civil War and Reconstruction Periods. The agrarian revolt, the emergence of the country as a first-rate power, the progressive movement, the New Deal, America's part in the two World Wars and foreign policy, popular culture, and indigenous historical interpretations are emphasized. Students enrolled in this course will have the opportunity to obtain up to 3 college credits through Niagara University.

**College credits are an additional cost.*

***Admission to this course is subject departmental approval.*

Economics & American Government

241
SENIORS, 1 credit

In Economics and American Government students will study human choices in the face of limited resources. The course covers basic market concepts such as scarcity, supply and demand, government regulation, and trade. Students will learn useful life skills in personal finance and examine modern issues in economics such as poverty, the stock market and the complicated problems faced by modern cities. Students will also examine the historical forces that influenced the English and, later, American governments and the forms of government created. Students will investigate the way the government functions and learn about the US Constitution. Students will also focus on citizenship and the election process.

NUSTEP Government

255
(Niagara University
Dual-Enrollment)
SENIORS, 1 credit

This course will examine the structure and processes of the American national government. Topics include American political culture, the Constitution, the Presidency, Congress, the federal court system, political parties, interest groups, elections, policy formulation and current political and controversial issues. Students enrolled in this course will have the opportunity to obtain up to 3 college credits through Niagara University.

**College credits are an additional cost.*

***Admission to this course is subject departmental approval.*

Law in Society: Intro to Criminal Justice

240
*JUNIORS, SENIORS
(ELECTIVE) 1 credit*

This course provides an overview of criminal justice, covering law enforcement, the courts, and corrections. The course also offers a thorough examination of the function and effects of law in forming and affecting society. Along with a study of important problems and moral dilemmas in the criminal justice system, students will acquire knowledge of the fundamentals, organizational frameworks, and roles of these elements. This multidisciplinary course looks at the historical development of legal systems as well as the dynamic relationships that exist between the law and many facets of society. The profound understanding of legal ideas, ethical issues, and the wider societal effects of legal frameworks that students will acquire will be invaluable.

History of Sports and American Society

245
*SENIORS
(ELECTIVE) 1 credit*

In the past two decades, sport history has gained widespread legitimacy and has emerged as a booming academic field of research. The nineteenth century labor slogan, "Eight hours for work, eight hours for rest, and eight hours for what we will," best sums up sport and recreation in American life. How America played made this nation as much as labor, economics, and war. Whether it was gender, ethnicity, race, social class, community, commercialization, labor and technology, sport mirrored our society. Even more, sport brought us together in ways otherwise impossible and has shaped our nation. Sport history captures not just our games but reveals our problems and pluses as a civilization. This course examines the place of sports in American life since the mid-nineteenth century and focuses on sports as a reflection of our social, political, and economic make-up and its ability to effect and shape our institutions. Particular attention will be given to social class, race and ethnicity, gender, community, technology, and commercialization and the media.

HISTORY AND SOCIAL SCIENCES

SUPA Psychology: Foundations of Human Behavior

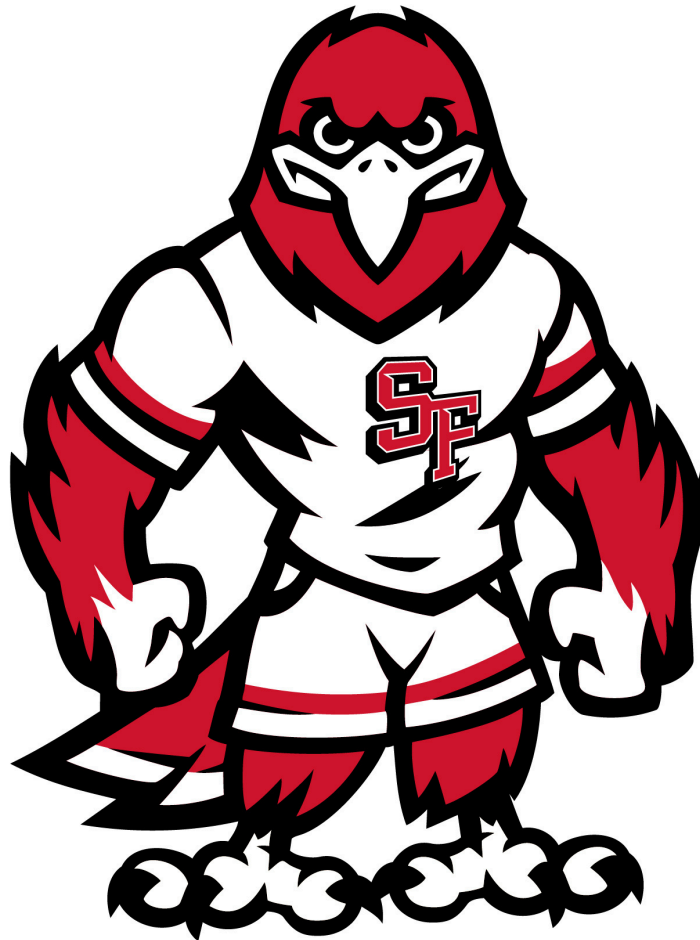
247

(Syracuse University
Dual-Enrollment)
SENIORS, 1 credit

Psychology 205 is an introductory psychology course offered by Syracuse University's psychology department that provides instruction in the fundamental topics in psychology in addition to providing a degree of freedom for students to pursue individual topics of interest. The primary goals of the course include providing students with information regarding major areas of psychology such as learning, memory, cognition, development, personality, and social psychology. Students will learn the basic principles, concepts, and research findings in psychology and will become acquainted with psychological research methods and procedures while attempting to conduct and document research. Students will be presented with opportunities to discuss current topics, events, real-life experiences, and applications of psychological theories and research. Students will learn the organizational and study skills important to succeed in college courses while also developing their oral and written communication of psychological knowledge.

**College credits are an additional cost.*

***Admission to this course is subject departmental approval.*



FOREIGN LANGUAGE, FRENCH

Incoming freshmen are required to take the Foreign Language placement test through the Admissions Office and Foreign Language Department. The results will be reviewed by the Foreign Language Department and the chair will recommend each student for placement.

Transfer students will be placed based on their transcripts.

French I

312 (Honors)
313 (College Prep)
1 credit

In this year long course of study, students begin to develop listening, speaking, reading and writing competency. Students learn to communicate in everyday situations, using vocabulary and grammatical structures which are presented through a variety of meaningful topics and cultural contexts. Topics include: personal identification, school, community, professions, shopping, family life, food, geography, sports and leisure activities.

Honors: Emphasis on critical thinking, creative writing.

French II

322 (Honors)
323 (College Prep)
1 credit

A continuation of the first year of study in which students develop proficiency in the language by maintaining their focus on the message being communicated. Additional vocabulary, grammatical structures and verb tenses are presented through a variety of meaningful topics and cultural contexts. Topics include: travel and transportation, house and home, the environment, and food and meals.

Honors: Emphasis on more complex grammatical and structure items and additional vocabulary topics. Importance of critical thinking and creative writing.

**Prerequisite: successful completion of French 312 or 313.*

French III

332 (Honors)
333 (College Prep)
1 credit

In French III, students begin to approach a level of communication that will enable them to function successfully in real life situations. Students continue to learn more complex grammatical structures and additional French vocabulary. Emphasis is placed on self-expression through speaking and writing. Reading comprehension is improved through short passages and stories. Students explore realia and interpret documents used in real communicative settings. In French III, more than ever, communication skills and cultural awareness blend together as students come to realize the strong connections between a culture and its language.

Honors: Honors students work with more extensive vocabulary and more complex grammatical structures and verb tenses. Emphasis is placed upon critical thinking and creative writing.

**Prerequisite: Successful completion of French 322 or 323.*

French IV

342
JUNIORS, SENIORS
(Elective) 1 credit

The French IV student concentrates on speaking and conversational skills, as well as on the study of culture through literature, music, art and poetry. Contemporary issues of the French speaking world are discussed.

**Prerequisite: successful completion of French 332 or 333.*

FOREIGN LANGUAGE, SPANISH

Spanish I

314 (Honors)
315 (College Prep)
1 credit

In this year long course of study, students begin to develop listening, speaking, reading and writing competency. Students learn vocabulary and grammatical structures which are presented through a variety of meaningful topics and contexts. The student is presented with opportunities to learn, practice and use the language in the context of daily life and situations.

Honors: Emphasis on critical thinking and creative writing.

Spanish II

324 (Honors)
325 (College Prep)
1 credit

A continuation of the first year of study in which students develop proficiency in the language by maintaining their focus on the message being communicated. Additional vocabulary, grammatical structures and verb tenses are presented through a variety of meaningful topics and cultural contexts. Students will utilize learning strategies as well as problem solving and creative thinking skills to achieve these goals.

Honors: Emphasis on more complex grammatical and structure items and additional vocabulary topics. Importance of critical thinking, creative writing, independent projects and a deeper cultural understanding through the use of technology.

**Prerequisite: Successful completion of Spanish 314 or 315.*

Spanish III

334 (Honors)
335 (College Prep)
1 credit

In Spanish III, students begin to approach a level of communication that will enable them to function successfully in real life situations and will develop cross-cultural skills and understanding that will facilitate more meaningful interactions in the target language.

Vocabulary and complex grammatical structures and verb tenses are introduced. Emphasis is placed on self-expression through speaking and writing. Reading comprehension is improved through passages and stories. Students explore realia and interpret documents used in communicative settings. In Spanish III, more than ever, communication skills and cultural awareness blend together as students come to realize the strong connection between a culture and its language.

Honors: Honors students work with more extensive vocabulary and more complex grammatical structures and verb tenses. Emphasis is placed upon critical thinking, creative writing, independent projects and a deeper cultural understanding through the use of technology.

**Prerequisite: Successful completion of Spanish 324 or 325.*

Spanish IV

343
JUNIORS, SENIORS
(Elective) 1 credit

Students continue to build proficiency in the language and concentrate on developing speaking and conversational skills. Grammatical structures and vocabulary are reviewed and new topics, idioms and additional verb tenses are introduced. Students will increase their reading comprehension skills through articles on current events and culturally relevant topics. Writing skills will be enhanced to include creative writing, personal narratives and journal entries. Students continue their study of Hispanic culture through art, music, film, food, holidays and celebrations. Contemporary topics of Spain, Mexico, Central and South America will be discussed.

**Prerequisite: Successful completion of Spanish 334 or 335.*

Spanish V

354
SENIORS
(SPA201 Hilbert
Dual-Enrollment)
1 credit

Spanish 5 is an advanced course designed for those students who have successfully completed Spanish 4. The course will focus on advanced communication and listening skills. Students are expected to speak Spanish on a daily basis. Grammar will be an important part of the course. Previously learned structures and verb tenses will be reviewed and advanced grammatical structures will be introduced for mastery. Students will increase their already large vocabulary bank and concentrate on those words and expressions necessary to enhance communication. Students will read articles, short stories and literature to increase their reading skills. Different styles of writing will be implemented throughout the course including journaling, narrative and expository styles. Culture will continue to be introduced throughout the course since it is an integral part of learning a language. Students will further their knowledge of the Spanish-speaking world and its people.

Students have an opportunity to receive college credit for this course.

**Prerequisite: successful completion of Spanish 344 and departmental permission.*

**** College credits are an additional cost.**

MATHEMATICS

Integrated Math 9

416 (Honors)

417 (College Prep)

FRESHMEN, 1 credit

This course is the first in a 3 year series designed to provide students with a comprehensive understanding of algebra, geometry, trigonometry, logic, probability and statistics. It follows the National Council of Teachers of Mathematics standards. This first course will focus on the foundations of algebra along with discovering how geometry, trigonometry, probability, and statistics are related to these algebraic fundamentals.

Honors: will include further research and project based learning.

**Honors Prerequisite: Successful completion of Math 8 curriculum with an 90% or higher final exam score.*

Integrated Math 10

421(Honors)

422 (College Prep)

SOPHOMORES, 1 credit

This course is the second in a 3 year series designed to provide students with a curriculum that is built on knowledge gained from the first year. It follows the National Council of Teachers of Mathematics standards. The second course will be a focus on advanced geometry concepts while incorporating algebra into the curriculum and exploring where logic, trigonometry, probability and statistics are fused together.

Honors: will include further research and project based learning.

**Honors Prerequisite: Successful completion of Integrated Math 9 Honors or completion of Integrated Math 9 with a 95% average and teacher recommendation.*

Integrated Math 11

431 (Honors)

432 (College Prep)

JUNIORS, 1 credit

This course is the third in a 3 year series designed to provide students with a curriculum that is built on knowledge gained from the previous two years. It follows the National Council of Teachers of Mathematics standards. The third course will be a focus on advanced algebra, geometry, and trigonometry along with further study of data and probability.

Honors: will include further research and project based learning.

**Honors Prerequisite: Successful completion of Integrated Math 10 Honors or completion of Integrated Math 10 with a 95% average and teacher recommendation.*

Introduction to Calculus

440

(MAT201 Hilbert
Dual-Enrollment)

*JUNIORS, SENIORS
1 credit*

This course is designed to provide both a solid foundation for college-level calculus courses. It provides an introduction to the main concepts behind calculus while strengthening algebra prerequisite skills. Central themes will include functions, rational expressions, finding limits of a function, an introduction to derivatives and integrals and their applications. A graphing calculator is required. A local final exam will be administered.

In addition, we offer dual enrollment through Hilbert College. For those students who choose to enroll through this program, college credit can be earned with successful completion of the course and passing the final exam. There is a fee associated with the dual enrollment program.

**Prerequisite: Successful completion of Math 431 or 432 and departmental recommendation.*

***College credits are an additional cost.*

MATHEMATICS

Pre-Calculus

441

*JUNIORS, SENIORS**1 credit*

This course is designed to provide both a solid foundation for and a smooth transition to a college-level calculus course. Central themes will include functions, systems of equations, polynomials, rational expressions, radical and quadratic functions, finding limits of a function, and an introduction to differential and integral calculus. A scientific calculator is required. A graphing calculator is permitted. A local exam will be administered.

**Prerequisites: Successful completion of Math 431 or 432 and departmental recommendation.*

College Algebra

442

SENIORS, 1 credit

This course is designed to provide a solid foundation and reinforce skills that will be required when taking college level math courses. Topics for this course will include the real number system, polynomials and algebraic expressions, rational expressions, problem solving, linear and quadratic relations, trigonometry, radicals, complex numbers, logarithms, functions, statistics and probability. A scientific calculator is required, a graphing calculator is permitted. A local exam will be administered.

Statistics (Hilbert)

452

SENIORS, 1 credit

Data is all around us in the world. Understanding statistics allows students to gather and compile the data, organize it in meaningful ways, interpret it and make predictions based on trends they discover. A student with good statistical skills will go far in our data-driven society. This introductory course will serve as a study of the basic terminology and methods of elementary statistics including organization of data, measures of central tendency and dispersion, sampling theory, estimation and testing of hypotheses. Also includes an introduction to correlation and linear regression. Students enrolled in this course will have the opportunity to obtain up to 3 college credits through Hilbert College.

**Prerequisites: Successful completion of Math 431, 432, or 441 and departmental recommendation.*

***College credits are an additional cost.*

AP Calculus AB

450

*SENIORS**1 credit*

This course begins by re-examining and increasing the depth of the basics of calculus presented in Introduction to Calculus. Limits and continuity, derivatives and integrals will be extensively addressed. New topics will include L'Hopital's Rule, differential equations, Mean Value Theorem, the Fundamental Theorems of Calculus, and volumes of solids. The TI-89 graphing calculator is required.

**Prerequisites: Successful completion of 441 and departmental recommendation.*

SCIENCE

Incoming freshmen are placed by the department chair upon review of 8th grade transcripts. Transfer students will be placed based on their transcripts.

Biology

510 (Honors)
511 (College Prep)
FRESHMEN, 1 credit

Biology is the study of living systems. This course presents unifying themes about the living environment and physical setting. Themes will focus on connecting biological concepts of all living systems through the study of living organisms and their vital functions.

The following units will be explored within the course: Introduction to Biology/Scientific Inquiry, Cellular Structures & Functions, Genetics, Evolution, Ecology, and Human Impact on the Environment.

Students will develop their critical thinking and analytical skills through learning opportunities within classroom activities, laboratory experiences, and demonstrations. The student will apply scientific method, concepts and theories to current research, as well as understand the historical development of the subject. Students will develop their critical thinking and analytical skills, as well as advance their hands-on laboratory techniques of investigation as a vital source of learning.

Honors: This course includes the Biology curriculum with additional concepts including but not limited to, plant and animal maintenance, cell biology, human anatomy and physiology, and biochemistry. Other areas are treated with greater depth than the college-prep curriculum.

Honors Prerequisite: Students need to be Paduan Candidates to take Biology Honors.

Engineering Essentials

515 (Honors)
*FRESHMEN,
SOPHOMORES
1 credit*

Engineering Essentials is a full-year course designed to be a high school student's first exposure to the Project Lead the Way Engineering program. In Engineering Essentials, students explore the work of engineers and their role in the design and development of solutions to real-world problems. The course introduces students to engineering concepts that are applicable across multiple engineering disciplines and empowers them to build technical skills through the use of a variety of engineering tools, such as geographic information systems (GIS), 3-D solid modeling software, and prototyping equipment. Students learn and apply the engineering design process to develop mechanical, electronic, process, and logistical solutions to relevant problems across a variety of industry sectors, including health care, public service, and product development and manufacturing.

Prerequisite: Freshmen should have completed NYS Life Science in 8th grade or Biology at St. Francis.

Principles of Engineering

(Honors)
*SOPHOMORES,
JUNIORS
1 credit*

Principles of Engineering is a full-year course designed to be a high school student's second exposure to the PLTW Engineering program and is appropriate for students in grades 9-12. In Principles of Engineering, students explore a broad range of engineering disciplines, careers, and design and solve real-world engineering problems. This course introduces students to engineering concepts that are applicable to a variety of engineering disciplines and empowers them to develop technical skills through the use of engineering tools such as 3-D modeling software, hands-on prototyping equipment, programming software, and robotics hardware to bring their solutions to life. Students apply the engineering design process to solve real-world problems across a breadth of engineering fields such as mechanical, robotics, infrastructure, environmental sustainability, and product design and development.

Prerequisite: Need to complete 515 Engineering Essentials

SCIENCE

Chemistry

520 (Honors)
521 (College Prep)
*SOPHOMORES,
JUNIORS
1 credit*

The goal of this course is to help build on the physical science foundations from middle school to become a scientifically literate and engaged citizen in society. This course of study presents a modern view of chemistry suitable for pupils with a wide range of skills and abilities. Through phenomena, question, & modeling, and inquiry based hands-on activities, students develop a better understanding of chemistry in context. Topics include: atomic structure, periodic table, chemical bonding and forces, chemical interactions, mathematical relationships, the physical behavior of matter, solution chemistry, thermochemistry, kinetics, equilibrium, acids & bases, oxidation-reduction, and nuclear chemistry. Through the study of phenomenon, students will ask questions about the physical world around them, construct explanations, plan and carry out investigations, and engage in argumentation from evidence. This course follows the skills & practices established in Pre-AP and AP.

Honors: This course includes the general chemistry curriculum with additional concepts which include quantum mechanics, molecular geometry, ideal gas laws, and salt hydrolysis. Other areas, such as stoichiometry and dimensional analysis, are treated in greater depth than the college-prep curriculum. Pre-AP labs are also integrated to stress the use of technology in data analysis and acquisition.

Physics

530 (Honors)
531 (College Prep)
*SOPHOMORES,
JUNIORS, SENIORS
1 credit*

In this course, students learn to use a problem-solving approach to physics. Students will use mathematical analysis, scientific inquiry, and engineering design, as appropriate, to pose questions, seek answers, and develop solutions. They will access, generate, process, and transfer information, using appropriate technologies. They will understand the relationships and common themes that connect mathematics, science, and technology and apply the themes to these and other areas of learning. They will apply the knowledge and thinking skills of mathematics, science, and technology to address real-life problems and make informed decisions. Finally, they will understand and apply scientific concepts, principles, and theories pertaining to the physical setting and living environment and recognize the historical development of ideas in science.

Honors: The students will complete a final project as one of their 4th quarter test grade. The project will enable them to integrate different concepts or units learned in class and to connect them to real world applications.

**Departmental approval required for Honors.*

Chemistry and Society

542
*JUNIORS, SENIORS
(Elective) 1 credit*

Chemistry and society is a course that studies societal problems and issues involving an understanding of the important chemical principles. We will revisit introductory chemistry topics such as the periodic table, atomic structure, chemical bonding, and solubility. The course emphasizes the relevant application and enhancement of chemical literacy. Chemical principles are applied to problems of current interest, such as:

Chemistry in industry and technology, medicines and drugs, environmental chemistry, and food chemistry.

Methods which chemists and other scientists use in their attempts to solve such problems are illustrated. This will further your understanding of how chemistry is used to improve the world around us.

AP Biology

550
*JUNIORS, SENIORS
1 credit*

This course is academically-demanding and rigorous as it aligns with college level standards. The course material delves more deeply into micro and macro biological structures and processes. The following units will be explored within the course: Biochemistry, Cell Structure & Function, Cellular Energetics, Cell Communication & Cell Cycle, Heredity, Gene Expression & Regulation, Natural Selection, and Ecology. Students are expected to fully participate within classroom activities, laboratory experiences, demonstrations, and be self-directed learners outside of class. The course is open to Honors and College Prep students who have successfully completed their introductory biology course. Students are required to take The College-Board AP exam.

**Departmental approval required.*

SCIENCE

AP Chemistry

551

*JUNIORS, SENIORS**1 credit*

AP Chemistry is an introductory college-level chemistry course. Students cultivate their understanding of chemistry through inquiry-based lab investigations as they explore the four Big Ideas: scale, proportion, and quantity; structure and properties of substances; transformations; and energy. The AP Chemistry course provides students with a college-level foundation to support future advanced coursework in chemistry. Students will expand their knowledge of chemistry from their introductory course of study as they explore content such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. Students will take the College-Board AP Chemistry Exam in May.

**Departmental approval required*

SUPA

Physics 101/102

554

(Syracuse University
Dual-Enrollment)

*JUNIORS, SENIORS**1 credit*

PSUPA is a Syracuse University aligned introductory college-level physics course. Students cultivate their understanding of physics through inquiry-based investigations as they explore these topics: kinematics, dynamics, circular motion and gravitation, energy, momentum, simple harmonic motion, torque and rotational motion. Students should have completed Geometry and be concurrently taking Algebra II or an equivalent course. Although the course includes basic use of trigonometric functions, this understanding can be gained either in the concurrent math course or in the Physics course itself.

**Departmental approval required*

***College credits are an additional cost.*

FINE ARTS, VISUAL

Studio Art: History of Fine Art 842 1/2 credit SOPHOMORES, JUNIORS	This course is designed to provide an overview and introduction to fine art through the use of a variety of art tools and materials. Emphasis is on the elements and principles of design. This course is designed to develop higher level thinking, art related technology skill, art history, and aesthetics.
Studio Art: Techniques and Color Theory 843 1/2 credit SOPHOMORES, JUNIORS	This course offers an exploration of technique and medium. This course of study will have an emphasis on color theory in addition to studio production. This course is designed to develop higher level thinking, art related technology skill, art history and aesthetics.
Drawing & Painting 851 JUNIORS, SENIORS 1 credit	This course will focus on intermediate to advanced skill levels relating to drawing, painting and mixed media in a 2-dimensional format. Exploring a variety of media while refining technical and expressive skills and the ability to make informed aesthetic judgements. The first semester will primarily focus on developing drawing skills and the use of mediums covered in Studio Art. Skills that will be covered include drawing contour and continuous line, shading, perspective & composition. We will use a variety of drawing media, for example graphite pencil, colored pencil, pen & ink and pastels. The end of the first semester will start off the painting portion of this course and we will continue to focus on painting techniques throughout the second semester. Watercolors, acrylics and oils will be used on canvas, watercolor paper and illustration boards. Additional activities may include written/oral reports and critiques, sketchbooks and practice exercises. <i>*Prerequisite: 1/2 credit of Studio Art</i>
Sculpture Foundations 852 JUNIORS, SENIORS 1 credit	This course works with three-dimensional forms through hands-on experience. Students will explore a broad range of techniques and approaches creating 3-dimensional art. Students will be expected to design functional decorative and ornamental objects using the elements and principles of design. Students are expected to display control, strengthen artistic expression and apply critical thinking skills to create their own original art pieces. This course is recommended for those looking to include 3-dimensional work to their art portfolios. <i>*Prerequisite: 1/2 credit of Studio Art</i>
Digital Photography 853 JUNIORS, SENIORS 1 credit	This course is designed for those with an interest in photography. The student will apply elements and principles of design creating their own original digital imagery. Photographic techniques, composition and expression of meaning in personal works will be stressed. All camera assignments will be stored in an electronic portfolio and will conclude the course and include printed photographs as assigned throughout the year. <i>*Prerequisite: 1/2 credit of Studio Art</i>
Advanced Studies in Studio Art SENIORS 1 credit	This course is designed to provide students who display an exceptional talent in Studio Art an opportunity for further growth. Students will work autonomously and explore mediums and concepts to further develop their artist voice. <i>*Prerequisite: ½ credit of Studio Art and 1 credit of Drawing and Painting</i>

FINE ARTS, VOCAL

Red & White Chorus 829 SOPHOMORES, JUNIORS <i>1/2 credit</i>	This course is designed for those students motivated to develop vocal and choral skills with performance as a goal. Tone quality, diction, phrasing, rhythm and expression in building choral techniques are emphasized. Also included are music reading, aural perception and stage presence.
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Advanced Chorus 841 JUNIORS, SENIORS <i>1/2 credit</i>	Designed for the more musically capable and talented students who are motivated to achieve a higher degree of performance experience, this course reinforces basic choral technique with a refinement and understanding of musical structures and styles. A wide variety of choral literature is explored. Students in the course must perform with male chorus. <i>*An audition is required.</i>
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Men's Choir 870 OPEN TO ALL <i>1/2 credit</i>	Men's Choir meets for a minimum of one hour per week after school hours (usually on Wednesday). Choral skills are developed through experiencing a wide range of choral literature, with an emphasis on liturgical music (since the group sings for many liturgies, both on campus and in the community). Members contribute significantly to school life and reputation through a rigorous rehearsal and performance schedule. <i>*An audition is required.</i>
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FINE ARTS, INSTRUMENTAL

Jazz Improvisation 847 JUNIORS, SENIORS <i>1 Credit</i>	The world of creative jazz improvisation and critical analysis forms the basis of this course designed for motivated instrumentalists. Jazz improvisational techniques and performance, as well as jazz theory and history will be explored in this year long course. <i>*Prerequisite: Instrumental music lesson 830 and audition required.</i>
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Music Theory 848 JUNIORS, SENIORS <i>1 Credit</i>	The music theory course is designed to develop a student's ability to recognize, understand, and describe the basic materials and processes of music that are heard or presented in a score. These abilities will be developed through various listening, performances, written, creative, and analytical exercises. Although this course focuses on music of the Common Practice Period (1600-1900), materials and processes found in other styles and genres are also studied. <i>*Prerequisite: Chorus or Band experience preferred.</i>
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Concert Band 875 OPEN TO ALL <i>1/2 Credit</i>	The concert band meets daily. Rehearsal and time is spent in learning tuning, blend and balance, proper articulations, part reading, and interpretation. Personal practice time is expected, as well as proper deportment and poise in performance. <i>*Prerequisite: Instrumental music lessons and an audition with the instrumental instructor are required for membership in concert band.</i>
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Jazz Ensemble 877 OPEN TO ALL <i>1/2 Credit</i>	A wide range of musical styles with an emphasis on improvisation is explored. Students are encouraged to develop their creative talents in performing and writing. Rehearsals are twice per week after school. <i>*Prerequisite: Audition with the instrumental instructor is required.</i>
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FINE ARTS, INSTRUMENTAL

Dramatics

880 (Fall)

885 (Spring)

OPEN TO ALL

1/4 Credit

One quarter unit is offered for each of the two semester's participation in dramatic activities. Students may opt to participate in staging a full length play (non-musical) in the fall and/or a musical play during the spring semester. Involvement in drama includes performance and stage crew. In addition to the experience of a full scale production, students gain insight into drama as a vehicle of artistic expression and personal fulfillment. The schedule for the course is dependent upon the roles undertaken and the complexities of a given performance.

Rock 'n Roll

878

OPEN TO ALL

1/4 Credit

Are you ready to rock?! Students will learn how to play a wide variety of instruments traditionally found in popular music (guitar, bass, drums, keyboard), history of popular music, songwriting/music theory, and will have opportunities to perform in a real rock band setting.



PHYSICAL EDUCATION & HEALTH

Health

517

FRESHMEN, 1/2 Credit

A half unit course designed to pursue a mature understanding of health from the point of view of both physical health and mental health. Topics include: physical fitness, AIDS education, first aid, alcohol and tobacco, drugs, stress management, mental mechanisms, personality disorders and emotions.

Physical Education

910, 920, 930, 940

1/2 Credit

The objective of the Physical Education course each year is to develop the individual physically, socially and emotionally. Each year the program provides an important educational medium in attaining the maximum development of each participant. The end goal strives for each student to achieve a level of fitness and competence in management of his body and to acquire useful physical skills.

Biomedical Sciences and First Aid & Athletic Training

543

*JUNIORS, SENIORS
(Elective) 1 Credit*

This course replaces and combines Biomedical Sciences and First Aid & Athletic Training and is a one-of-a-kind program in WNY. It is designed for students who are interested in pursuing careers in physical therapy, athletic training, personal training, and other health disciplines. This is a year-long class for seniors that consists of lecture, demonstrations, physical activity, and a year-end project designing a personal fitness program. Students will be able to learn about nutrition, anatomy, physiology of exercise, and program design.

ACADEMY OF BUSINESS

Accounting Foundations

647

(Canisius University
Dual-Enrollment)
*JUNIORS, SENIORS
1 credit*

This course is designed to give an introduction to accounting in preparation for college and as a first step to a career in business. Accounting, often referred to as the language of business, provides financial information about a business/organization to owners, managers, potential investors and other interested parties. Students will learn the accounting cycle from when a transaction occurs through preparing the financial statements. Revenues, expenses, assets, liabilities, owner's equity, debits and credits will all be concepts learned to help prepare a balance sheet, income statement and journal entries

**Departmental approval required.*

Introduction to Entrepreneurship

648

(Canisius University
Dual-Enrollment)
*SENIORS
1 credit*

This course aims to provide an understanding of the entrepreneurial process from both conceptual and applied perspectives. Topics include creativity, innovation, and the characteristics of entrepreneurs, common issues encountered by entrepreneurs, entrepreneurial marketing, entrepreneurial finance, and organizational strategies for new business enterprises. Students will engage in entrepreneurial projects.

**Departmental approval required.*

COMPUTER SCIENCE

Computer Applications

646

*JUNIORS, SENIORS**(Elective) 1 credit*

This course utilizes various types of computer software. Students are introduced to a variety of computer applications and programs which include photo editing, graphic design, google apps, and the Microsoft Office Suite. Touch typing skills will also be reinforced throughout the course. Class time is divided between learning concepts and a hands-on computer based project.

SEMINARS

Freshmen Seminar

913 (Honors)

914 (College Prep)

FRESHMEN, 1/4 Credit

This course meets once per cycle and students will work with a variety of faculty and staff, including the Director of Technology, the Director of the Paduan Scholars Program, and counselors. Students will learn more about how to use technology for education and how to avoid plagiarism. Other topics include critical thinking, study skills, and brotherhood. Students will learn etiquette and how to become Franciscan-hearted men.

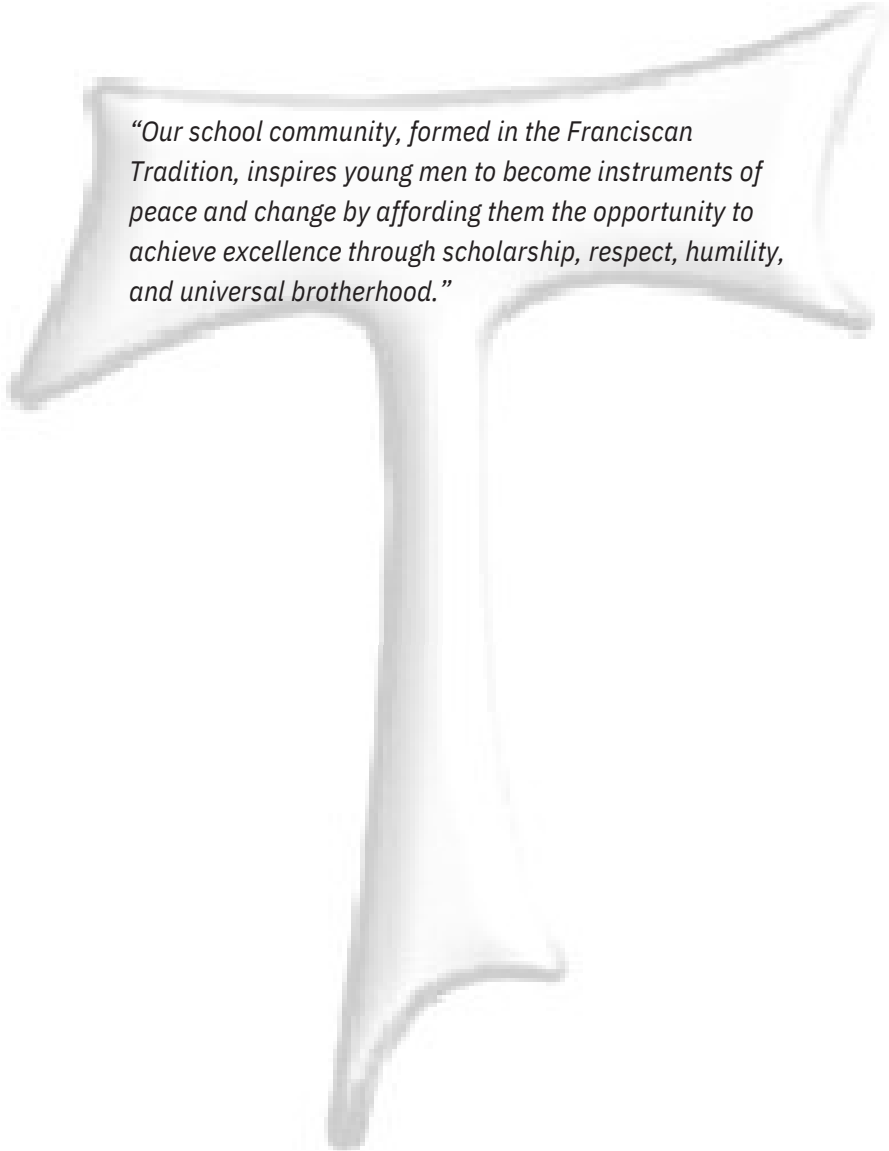
Senior Seminar

987

SENIOR, 1/4 Credit

The focus of this course is to prepare students for the transition into college life. The course is skill-based and assists students to develop best practices that will aid them in their college years. Topics covered include: selecting and applying to college, scholarships and financial aid for college, the transition to college life, critical thinking skills, problem solving techniques, personal finances, an academic and social responsibility.





“Our school community, formed in the Franciscan Tradition, inspires young men to become instruments of peace and change by affording them the opportunity to achieve excellence through scholarship, respect, humility, and universal brotherhood.”