

Tampa Catholic High School



**Course Catalog
2008-2009**

Statement of Mission and Beliefs

Mission

Tampa Catholic High School is a ministry of the Diocese of St. Petersburg entrusted to dedicated religious and laity. The young men and women in our care represent the diversity of the communities we serve. As educators in a Catholic environment, we nurture academic, spiritual, and personal growth while promoting life-long learning and commitment to service and justice. Inspired by the Gospel and animated by the charism of Blessed Edmund Rice, founder of the Christian Brothers, our mission celebrates the value and dignity of each person.

Beliefs

Our faith in a loving God is the foundation of our educational ministry. We believe in an holistic education which promotes personal well-being, spiritual growth, and the ability to view the world in an informed way. We believe in the pursuit of excellence and the development of each individual's potential. We believe in forming a partnership with parents who are the primary educators of their children. We believe in the value of communication skills: reading, writing, speaking, listening, and critical thinking. We believe in fostering the courage for moral and spiritual leadership. We believe in recognizing the dignity of each individual and practicing Christian justice in our daily lives. We believe in placing our talents at the service of others, especially the marginalized.

Program of Studies

Tampa Catholic High School offers three programs of study: Honors, College Preparatory, and an Academic Assistance Program.

The **Honors** Program is designed for the most academically talented students. Courses are taught at accelerated rates and seek to challenge and prepare students for admission into four-year colleges and universities. The program includes Dual Enrollment and Advanced Placement courses

which provide opportunities for enrolled students to earn college credit. Honors, Dual Enrollment, and Advanced Placement courses have additional weighted credit assigned in computing the grade point average for graduation and college admittance.

The **College Prep** Program will meet the needs of those students who plan to attend a junior college or a four-year college or university.

The **Academic Assistance** Program is designed to meet the academic needs of students with documented learning challenges who plan to attend a junior college, a four-year college, or a university. A certified Academic Advisor will guide the student in all aspects of his/her academic career. The program provides a learning environment which will assist each student to reach their greatest academic potential.

Course Requirements

Freshman:

Introduction to Catholicism (1/2 credit)
 Jewish History (1/2 credit)
 English 1
 Physical Science 1
 Freshmen Mathematics course
 World History
 Personal Fitness (1/2 credit) & Team Sports (1/2 credit)
 First year of a World Language or a Reading or Writing course

Sophomore:

Introduction to the Bible 2: New Testament (1/2 credit)
 Faith and Tradition (1/2 credit)
 English 2
 Biology
 Sophomore Mathematics course
 European History
 Fine Arts course(s) (1 credit)
 Second year of a World Language or the Sophomore Writing course

** Health is required only for students of the class of 2009 and 2010.

Junior

Christian Morality (1/2 credit)
 World Religions (1/2 credit)
 English 3
 Junior Science course
 Junior Mathematics course
 American History
 Health (1/2 credit)**
 Electives equal to 1.5 credits

Senior:

Current Issues in the Church (1/2 credit)
 Christian Lifestyles (1/2 credit)
 English 4
 Senior Science course
 Senior Mathematics course
 American Government (1/2 credit)
 Economics (1/2 credit)
 Electives equal to 2 credits

Graduation Policy:

In order to participate in the Baccalaureate Mass and Commencement Ceremony, a student must fulfill the school's academic, disciplinary, and financial requirements.

Academic Requirements for Graduation:

- a. 28 credits required
 - 4 Theology
 - 4 English**
 - 4 Mathematics
 - 4 Science** (2 of these must include a laboratory component)
 - 4 Social Studies (1 World History, 1 European History, 1 American History or US History, 1/2 American Government, and 1/2 Economics)
 - 1/2 Personal Fitness
 - 1/2 Team Sports
 - 1/2 Health/Life Management Skills (*required only of students from the classes of 2009 and 2010*)
 - 1 Fine Arts
 - 6 Electives (2 years of World Language are necessary for college-preparatory students.)
- b. Electives may not include more than 3 credits in fine arts.
- c. Students must earn seven credits at Tampa Catholic High School during their senior year.
- d. Students must pass all courses during senior year.
- e. Students must complete the Christian Service requirements.

**Certain English and Science Dual Enrollment classes, by state statute, are awarded additional credits. These additional credits do not count toward any of the requirements set forth in this graduation policy.

Semester Grades and Course Credits

At the end of the fall and spring semesters, students will receive a semester grade for each course. This grade is determined by the weighted, numerical average of the two quarter grades and the examination grade.

An "F" semester grade means a loss of 0.5 credit in that course. It is possible for a student to fail one semester and pass the other of a two-semester course. If a student fails a semester of a course, he/she must make up the 0.5 credit in summer school. Eligible students may make up failed course work in night school with approval of the guidance counselor.

A student must pass seven (7) credits per school year. Core courses must ordinarily be taken at Tampa Catholic. A student may not take a course for credit in night school while concurrently registered for that course at Tampa Catholic.

All courses taken at Tampa Catholic, at night school, or summer school, will be reflected on the cumulative transcript and will be used in computing grade point averages.

Course Offering Policy

This catalog lists all the courses currently taught at Tampa Catholic High School. Not all courses are offered each year. The decision to offer a course is made by the administration and is determined, in part, by student interest, enrollment, and available faculty. Further, the number of sections and seats for a course may be limited. This can result in students being unable to enroll in a particular class.

Advanced Placement and Dual Enrollment Courses

Tampa Catholic honor students, in their junior and senior years, have the option of enrolling in Dual Enrollment (DE) and Advanced Placement (AP) courses for which they meet the requirements. In order to choose which of these courses is best suited to the student an understanding of the difference between them is necessary.

Advanced Placement courses are the highest level high school courses offered in the United States. The curriculum is approved by the College Board. College and university admission teams view AP courses as strong indicators of a student’s success in college. Studies also show that students enrolled in AP courses have higher college graduation rates than students without AP. Students receive high school credits toward high school graduation requirements. College credit is not awarded upon completion of the course. The Advanced Placement exams are national, cumulative, rigorous, standard exams given each spring. Colleges and Universities award credit, at their discretion, based on the student’s score on the exam.

Advanced Placement Offerings	
AP Spanish Language	AP Computer Science
AP Spanish Literature	AP Calculus AB
AP French Language	AP Calculus BC
AP Art History	AP Physics B
AP English Literature and Composition	AP U.S. History
	AP United States Government and Politics

Note: Advanced Placement courses with insufficient enrollment may not be offered. In the event that a course has more students registered than can be properly taught, students will be selected based on the GPA specified for that course. Students with the highest GPA will be admitted first.

Dual Enrollment courses are college level courses sanctioned by the State of Florida and the State University system. Students earn high school credits toward high school graduation requirements and at the same time earn college credit toward a degree in the State of Florida University system. Some private and out-of-state colleges will accept credit for these courses as transfer credits. They do so at their own discretion. These courses are administered by Hillsborough Community College. (HCC) The instructors must have a Master’s Degree in their field of study and be approved by HCC as adjunct professors. The course content and syllabus must also be approved by HCC.

To enroll in a DE course a student must meet the following criteria established by Florida State Statute:

Passing Scores:

College Placement Test (CPT)	
Reading:	83
Sentence Skills:	83
Math:	72
Scholastic Aptitude Test (SAT)	
Critical Reading:	440
Math:	440
ACT	
English:	17
Reading:	18
Math:	19

- Have and maintain an un-weighted cumulative GPA minimum of 3.0
- Obtain a passing score on the CPT, SAT or ACT tests

Notes: Dual Enrollment courses with insufficient enrollment may not be offered. In the event that a course has more students registered than can be properly taught, students will be selected based on their cumulative weighted GPA. Students with the highest GPA will be admitted first.

By State statute, students enrolled in English 3 DE, English 4 DE, or Anatomy & Physiology DE earn an additional one-half credit per semester for a total of one credit per semester. Quality points are awarded based on an earned grade of C or higher and one credit each semester.

HCC regulations require that students who earn a semester grade lower than a C in a DE course or who no longer meet the unweighted cumulative GPA requirement each semester be dropped from that course.

Dual Enrollment Offerings

- English 3 DE/H
- English 4 DE/H
- Anatomy and Physiology DE/H
- US History DE/H
- American Government DE/H
- Political Science DE/H
- Introduction to Film DE/H

“Were we to know the merit and value of only going from one street to another to serve a neighbor for the love of God, we should prize it more than gold or silver.”

Blessed Edmund Rice
 Founder of the Congregation of Christian Brothers

The Bright Futures Scholarship Program

General Eligibility Requirements:

Each of the scholarship awards has specific criteria that must be met. However, to be eligible for an initial award from any of the scholarships under the Florida Bright Futures Scholarship Program, a student must:

1. be a Florida resident
2. earn a standard high school diploma or its equivalent from a public or private high school or complete a home education program
3. be accepted by, and enrolled in, an eligible Florida public or independent postsecondary education institution
4. be enrolled for at least six (6) semester hours or the equivalent
5. not have been found guilty of, or pled nolo contendere, to a felony charge
6. apply for a scholarship during the last semester before high school graduation
7. have a Florida Financial Aid Application on file in Tallahassee

The Tampa Catholic Guidance Department will assist students with the application process.

The Bright Futures Scholarship Program is the umbrella program for state-funded scholarships based on academic achievement in high school.

The Florida Academic Scholars Award

A student is eligible for a Florida Academic Scholars Award if the student meets the general eligibility requirements for the Florida Bright Futures Scholarship Program and has:

1. achieved a minimum weighted cumulative GPA of 3.50 on a 4.00 scale in the 15 credits identified by the Florida Board of Regents as college preparatory courses. (See course list below.)
2. attained an SAT score of at least 1270 or an ACT score of at least 28.
3. completed 75 hours of community service.

The Florida Medallion Scholars Award

A student is eligible for a Florida Medallion Scholars Award if the student meets the general eligibility requirements for the Florida Bright Futures Scholarship Program and has:

1. achieved a minimum weighted cumulative GPA of 3.00 on a 4.00 scale in the 15 credits identified by the Florida Board of Regents as college preparatory courses. (See course list below.)
2. attained an SAT score of at least 970 or an ACT score of at least 20.

The 15 credits identified by the Florida Board of Education as college preparatory courses are:

English - 4 credits, three with substantial writing

Math - 3 credits, Algebra 1 and above

Natural Science - 3 credits, two of which must have included substantial laboratory requirements

Social Sciences - 3 credits

World Language - 2 credits, both must be in the same World Language

Key to abbreviations found in the course descriptions

BFSP - Bright Futures Scholarship Program; Courses with this designation are used by the State in computing eligibility and grade point averages for the Bright Futures Scholarships.

FL-SUS Core - Florida State University System; Courses with this designation are considered core classes and used by State Universities in computing eligibility and grade point averages for purposes of admission.

FL-SUS Elective - Florida State University System; Courses with this designation are considered elective classes and used by State Universities in computing eligibility and grade point averages for purposes of admission.

H - Honors; A course number that ends in an 'H' is considered an Honors course at Tampa Catholic and receives additional weighting in computing grade point averages. However, the course is not given this additional weighting when used by the Bright Futures or Florida State University System.

Theology Department Course Offerings

Introduction

The Theology Department is central to the mission of Tampa Catholic. All students are required to successfully complete four years of theology courses to meet graduation requirements. Course material ranges from basic concepts of sacraments and morality to the study of the Church teachings regarding the current scientific work in Bioethics.

Courses

Introduction to Catholicism

Course number: 1001

Credit: 0.5

Offered to grade: 9, semester 1

Category: Required

Pre-requisite: none

Description: This is an introductory course aimed at providing the student with the basic concepts and essential elements needed to fully experience a Tampa Catholic High School Education. This course will enable the student to understand the Edmund Rice philosophy of education, the basis for the teachings of the Church, and how to celebrate Liturgy. It will also provide the student with an understanding of Christian signs and symbols and introduce the student to a deeper understanding of prayer and the Bible.

Jewish History

Course number: 2109410

Credit: 0.5

Offered to grade: 9, semester 2

Categories: Required; BFSP; FL-SUS Core

Pre-requisite: none

Description: This course focuses on the revelation of God to the Jewish people. The covenant faith of the Hebrew Bible will be studied from the creation accounts to the inter-testamental period. Major emphasis will be given to the theology of the Torah, the prophetic movement and exilic and post exilic theological developments. The theology of the Old Testament will be viewed as the background for the revelation of Jesus.

“The Spirit of the Lord is upon me, because he has anointed me to preach the Gospel to the poor. He has sent me to Proclaim release to the captives, and recovery of sight to the blind, to set free those who are oppressed, to proclaim the favorable year of the Lord”

Luke 4:18-19

Introduction to the Bible 2: New Testament

Course number: 0900410

Credit: 0.5

Offered to grade: 10, semester 1

Categories: Required; FL-SUS Elective

Pre-requisite: none

Description: This course will examine the origins, structure and meaning of the Christian Scriptures. The revelation of God in Jesus of Nazareth will be traced from the Gospel accounts through the letters to the early Christian communities. The life, ministry, and Paschal Mystery of Christ are highlighted. The entire Christian Bible is presented as the source of the Christian Community's knowledge of the saving acts of God as well as God's teaching for our salvation.

Faith and Tradition

Course number: 1002

Credit: 0.5

Offered to grade: 10, semester 2

Category: Required

Pre-requisite: none

Description: This course examines the historical and theological aspects of the Church to foster an appreciation of the concepts, values, rituals, and doctrines of the Catholic Church. Students will explore the developmental aspects of the faith in creed and history, examining highlights from every age so that they might grow in their own faith and accept personal responsibility for contributing to the ongoing life of the Church.

Christian Morality

Course number: 1003

Credit: 0.5

Offered to grade: 11, semester 1

Category: Required

Pre-requisite: none

Description: The study of Christian moral development is the concentration of this course. Moral positions on the important issues facing the young church member are examined with a dual purpose of studying the historical context of the church's position and directing the student through the process of conscience formation. The morally responsible Christian is the model for both discussion and development for students in this course.

World Religions

Course number: 2105310

Credit: 0.5

Offered to grade: 11, semester 2

Categories: Required; BFSP; FL-SUS Core

Pre-requisite: none

Description: The purpose of this course is to introduce the student to other significant religions practiced throughout the world. The course is designed to compare and contrast other religions with Christianity in order to develop religious tolerance and a better understanding of the beliefs of Catholicism.

Current Issues in the Church

Course number: 1700300

Credit: 0.5

Offered to grade: 12, semester 1

Category: Required

Pre-requisite: none

Description: The purpose of this course is to explore selected issues in the Church today to gain a greater understanding of their complexity as well as the Church's position on them. This course is designed to assist students not only to appreciate more fully the concepts, values, and teachings of the Church on issues which are a part of daily life, but to motivate them to incorporate these teachings into their own personal value systems.

Christian Lifestyles

Course number: 0800330

Credit: 0.5

Offered to grade: 12, semester 2

Category: Required

Pre-requisite: none

Description: One half of this course examines the developmental tasks of young adulthood and the other half examines the four Christian lifestyles (single, married, religious, and ordained ministry) in the light of the Gospels and the Christian tradition.

Fine Arts Department Course Offerings

Introduction

Beginning with the class of 2011, all students are required to earn 1 credit in fine arts in order to graduate. We have grouped all the courses that will fulfill this requirement here. Not all Fine Arts courses are offered each school year.

Art Courses

Studio in Art 2D - 3D Skills

Course number: 0101360
 Credit: 0.5
 Offered to grades: 10 - 12
 Categories: Fine Arts Elective; FL-SUS Elective
 Pre-requisite: none
 Description: This course is designed for those who plan to elect further courses in art, as well as for those desiring a general background in the visual arts. A broad curriculum introduces students to a variety of media. Projects include, but are not limited to drawing, painting, printmaking, sculpture, ceramics, fibers, and crafts.

Art 2-D Drawing Comprehensive 1

Course number: 0101300
 Credit: 0.5
 Offered to grades: 10 - 12
 Categories: Fine Arts Elective; FL-SUS Elective
 Pre-requisite: none
 Description: The purpose of this course is to give students a basic understanding of the elements and principles of art. The study of artists helps to develop an understanding of the kinds of thinking and speaking that are a part of art criticism.

Art 2-D Drawing Comprehensive 2

Course number: 0101310
 Credit: 0.5
 Offered to grades: 11 - 12
 Categories: Fine Arts Elective; FL-SUS Elective
 Pre-requisite: Art 2/D Comprehensive 1
 Description: Students will learn the techniques of watercolor and acrylic painting and will complete studies that will develop their skill in color shading in these mediums.

Art History 1

Course number: 0100330
 Credit: 0.5
 Offered to grades: 10 - 12
 Categories: Fine Arts Elective; FL-SUS Elective
 Pre-requisite: none
 Description: The purpose of this course is to provide opportunities to study the history and theory of art; to explore the relationship of artist, art work, and society; to learn to value the aesthetic components within an original art work; and to apply reasoned analysis to works of art. Women artists will be highlighted. The course includes art projects relating to the artists under study.

Art 3-D Sculpture

Course number: 0101330
 Credit: 0.5
 Offered to grades: 10 - 12
 Categories: Fine Arts Elective; FL-SUS Elective
 Pre-requisite: none
 Description: The purpose of this course is to give students an understanding in three dimensional art methods, media, techniques, and craftsmanship.

Pottery 1

Course number: 0102300
 Credit: 0.5
 Offered to grades: 10 - 12
 Categories: Fine Arts Elective; FL-SUS Elective
 Pre-requisite: none
 Description: This course gives students a basic understanding of working with clay. Students will learn the hand building process and the glazing process.

Pottery 2

Course number: 0102310
 Credit: 1.0
 Offered to grades: 11 & 12
 Categories: Fine Arts Elective; FL-SUS Elective
 Pre-requisite: A or B average in Pottery 1
 Description: This course extends hand building skills and introduces throwing on the wheel. Compositional principles are examined and contemporary ceramic artists are studied.

AP Art History

Course number: 0100300
 Credit: 1.0
 Offered to grades: 11 & 12
 Categories: Fine Arts Elective; FL-SUS Elective
 Pre-requisite: A cumulative GPA of at least 3.5 and a satisfactory writing sample
 Description: The AP offering in Art History is designed to provide an understanding and enjoyment of architecture, sculpture, painting, and other fine art forms within historical and cultural contexts. Students examine major forms of artistic expression, past and present, from a variety of cultures. Students may earn college credit by taking and passing the AP exam given in the spring. An additional fee is required to register for this mandatory exam.

Art in Other Cultures 1 Honors

Course number: 0100320AH
 Credit: 0.5
 Offered to grades: 10 - 12
 Categories: Fine Arts; FL-SUS Elective
 Pre-requisite: Successful completion of at least 1 English or Social Studies Honors course
 Description: This course enables students to develop knowledge of art styles throughout history from selected cultures. Emphasis is placed on the attributes and significance of art as related to religious, economic, political, and geographic perspectives.

Art in Other Cultures 2 Honors

Course number: 0100320BH
 Credit: 0.5
 Offered to grades: 10 - 12
 Categories: Fine Arts; FL-SUS Elective
 Pre-requisite: Successful completion of at least 1 English or Social Studies Honors course
 Description: This course enables students to develop knowledge of art styles throughout history from selected cultures. Emphasis is placed on the attributes and significance of art as related to religious, economic, political, and geographic perspectives.

Music Courses

Chorus

Course number: 1303300
 Credit: 1.0
 Offered to grades: 10 - 12
 Categories: Fine Arts Elective; FL-SUS Elective
 Pre-requisite: none
 Description: This course enables students to develop basic individual and ensemble skills in choral performance through preparation of varied high school literature. Emphasis will be placed on healthy and expressive singing, accurate interpretation of notation, and development of critical and aesthetic response to music.

Music Theory I

Course number: 1300300
 Credit: 1.0
 Offered to grades: 10 - 12
 Categories: Fine Arts Elective; FL-SUS Elective
 Pre-requisite: Must demonstrate competency in the 5 basic elements of music
 Description: This course enables students to develop knowledge of basic music structures and elements and their uses in varied music styles and genres. Content includes: rhythmic, melodic, and harmonic notation; ear training; sight reading; composition, arranging, and improvisation; harmonic structure; and analysis of compositional structure and form.

Music Appreciation

Course number: 1301310

Credit: 0.5 or 1.0

Offered to grades: 10 - 12

Categories: Fine Arts Elective; FL-SUS Elective

Pre-requisite: none

Description: The purpose of this course is to provide instruction in the knowledge and skills necessary to value the role of music in everyday life and in various cultures.

Instrumental Techniques and Ensemble

Course number: 1302460

Credit: 0.5 or 1.0

Offered to grades: 10 - 12

Categories: Fine Arts Elective; FL-SUS Elective

Pre-requisite: Knowledge of and experience with instruments

Description: This course provides students with instruction on selected instruments in an individualized or ensemble setting. Performance techniques, proficiency, and the development of music fundamentals are the major focuses of this course. Members of the TC Drumline are encouraged to enroll in this course.

Other Fine Arts Courses**Introduction to Drama**

Course number: 0400300

Credit: 0.5

Offered to grades: 10 - 12

Category: Fine Arts Elective; FL-SUS Elective

Pre-requisite: none

Description: The purpose of this course is to introduce students to the acting techniques of improvisation, scripted scenes, and monologues. Performing in front of the class is a requirement of the course.

Speech

Course number: 1007300

Credit: 0.5

Offered to grades: 10 - 12

Category: Fine Arts Elective; FL-SUS Elective

Pre-requisite: none

Description: The purpose of this course is to provide instruction in the fundamentals of formal and informal oral communication.

Debate 1

Course number: 1007330

Credit: 1.0

Offered to grades: 10 - 12

Category: Fine Arts Elective; FL-SUS Elective

Pre-requisite: none

Description: This course enables students to develop fundamental skills and techniques for use in debate and forensic activities. The content includes communication skills, logic and critical thinking skills, techniques of public speaking, research skills, parliamentary procedure, argumentation and debate skills, analysis of debates, and timing and judging techniques.

Multimedia Technologies

Course number: 0107400

Credit: 1.0

Offered to grades: 10 - 12

Category: Fine Arts Elective; FL-SUS Elective

Pre-requisite: none

Description: This course enables students to develop basic knowledge of visual and non-visual communication using multimedia production processes.

Business Technology Course Offerings

Introduction

The Business Technology Education Department provides a program of study by which each student can develop the skills and knowledge necessary for success in today's rapidly changing business community. Emphasis in all Business Technology courses is placed on ethical and moral decision-making in all aspects of a student's life: personal, professional, and civic. Since a majority of the students will continue their education in a postsecondary institution, the program prepares students for college-level business programs as well as providing basic business training for entry-level positions. The Business Technology Department currently offers two programs of study that will qualify for the Florida Gold Seal Scholarship of the Florida Bright Futures Scholarship Program: Accounting Operations and Business Supervision and Management.

Courses

Note: *Not all Business Technology courses are offered each year.*

Computer and Business Skills

Course number: 8200330

Credit: 0.5

Offered to grades: 10-12

Categories: Elective; FL-SUS Elective

Pre-requisite: none

Description: This course is designed to introduce students to the basic skills and foundations required for today's educational and business environments. Emphasis will be placed on developing a student's ability to create research papers, reports, letters, spreadsheets, and presentation documents with ease by learning the unique features of Microsoft Office 2007® suite of applications. Students will also learn strategies for improvement of organizational and note taking skills.

Computing for Colleges and Careers

Course number: 8209020

Credit: 1.0

Offered to grades: 11 & 12

Categories: Elective; FL-SUS Elective

Pre-requisite: none

Description: This course will enhance the student's abilities beyond basic computer application and Internet skills. Emphasis is placed on developing proficiency with touch keyboarding and advanced computer applications using Microsoft Office 2007® software, including Excel and Access.

Computer Programming

Course number: 0201300

Credit: 0.5

Offered to grades: 11 - 12

Categories: Elective; FL-SUS Elective

Pre-requisite: none

Description: This course introduces the student to computer programming. Logic, program design, coding, debugging, and documentation are developed throughout the semester. The Java language will be used in the course.

Accounting Applications 1

Course number: 8203310

Credit: 1.0

Offered to grades: 11 & 12

Categories: Elective; FL-SUS Elective

Pre-requisite: A 75% average or better in college prep math courses

Description: This course will provide students with a basic foundation of accounting knowledge, principles, theory, and concepts for an entry-level accounting career or for continued study at the collegiate level.

Accounting Applications 2 Honors

Course number: 8203320H

Credit: 1.0

Offered to grade: 12

Categories: Elective; FL-SUS Elective

Pre-requisite: a 75% average or better in Accounting 1

Description: This computerized accounting course reinforces principles, procedures, theory and concepts learned in Accounting Applications 1. Emphasis will be on spreadsheets and other accounting computer applications.

Business Technology Courses, continued

Business and Entrepreneurial Principles

Course number: 8215120
 Credit: 1.0
 Offered to grades: 11 & 12
 Categories: Elective; FL-SUS Elective
 Pre-requisite: Computing for Colleges and Careers or demonstrated proficiency in Microsoft Office® software
 Description: This course explores the basic principles of entrepreneurship, managing a business, business ethics, marketing, and finance, through interactive projects and discussions. Instruction includes discovering personal finance options and how they relate to business principles. Computer use is an integral part of this course.

AP Computer Science

Course number: 0200320
 Credit: 1.0
 Offered to grades: 11 & 12
 Categories: Elective; FL-SUS Elective
 Pre-requisite: Prior programming experience and ability to work independently
 Description: The purpose of this online course is to prepare the student for the advanced placement examination in computer science. The context centers around programming in the Java language but includes broader aspects of software development and design. Students may earn college credit by taking and passing the AP exam given in the spring. An additional fee is required to register for the exam.

Web Design 1

Course number: 8207110
 Credit: 1.0
 Offered to grades: 10 - 12
 Categories: Elective; FL-SUS Elective
 Pre-requisite: Computing for Colleges and Careers or a minimum score of 80% on the Computer Technology Proficiency test administered by Tampa Catholic
 Description: This course provides broad transferable skills emphasizing elements of web technology to include operating system commands and web document design, development, scripting, programming, management, and networking.

Legal Aspects of Business

Course number: 8215130
 Credit: 1.0
 Offered to grade: 11 & 12
 Categories: Elective; FL-SUS Elective
 Pre-requisite: none
 Description: This course is designed to provide an introduction to the legal aspects of business. Topics include business law concepts, forms of business ownership, insurance awareness, governmental regulations, management functions, human resources management issues, and career development.

English Department Course Offerings

Introduction

The English Department at Tampa Catholic High School believes that the hallmark of successful teaching is enabling students to become well-informed, fluent communicators. Mastery of language skills gives students clarity, precision, and logic in thought as well as expression. Of all the requisite communication skills, frequent reading and writing promote the direct experience with language that students need. To this end, the department grounds the skills governing vocabulary, spelling, grammar, etc. in the literature selected for assignments. Although "skill and drill" is still taught, we prefer a holistic approach to language study. Students absorb correct usage, connotation, and nuances of new words better when they view vocabulary in context. To promote more frequent reading, the department maintains the summer reading program, supports the cross-curricular reading program, and often selects literature from primary sources rather than from abridged and/or edited versions that have been anthologized.

Courses

English 1 CP-I

Course number: 1001310
 Credit: 1.0
 Offered to grade: 9
 Categories: Fulfills freshmen English requirement; BFSP; FL-SUS Core
 Description: The purpose of this course is to provide instruction in English language skills, including reading, writing, speaking, and listening in the content area of literature.
 Note: Students are concurrently enrolled in Learning Strategies: Writing.

English 1 CP-II

Course number: 1001310
 Credit: 1.0
 Offered to grade: 9
 Categories: Fulfills freshmen English requirement; BFSP; FL-SUS Core
 Description: The purpose of this course is to provide instruction in English language skills, including reading, writing, speaking, and listening in the content area of literature.

English 1 Honors

Course number: 1001320
 Credit: 1.0
 Offered to grade: 9
 Categories: Fulfills freshmen English requirement; BFSP; FL-SUS Core
 Description: The purpose of this honors course is to promote academic excellence in English language arts through enriched experiences in literature, writing, speaking, and listening.

English 2 CP-I

Course number: 1001340
 Credit: 1.0
 Offered to grade: 10
 Categories: Fulfills sophomore English requirement; BFSP; FL-SUS Core
 Pre-requisite: none
 Description: This course provides instruction in English language skills and in the study of world literature.
 Note: Students maybe required to concurrently enroll in Learning Strategies: Reading.

English 2 CP-II

Course number: 1001340
 Credit: 1.0
 Offered to grade: 10
 Categories: Fulfills sophomore English requirement; BFSP; FL-SUS Core
 Pre-requisite: Completion of English 1 CP-II or a 90% in English CP-I
 Description: This course provides instruction in English language skills and in the study of world literature.

English 2 Honors

Course number: 1001350
 Credit: 1.0
 Offered to grade: 10
 Categories: Fulfills sophomore English requirement; BFSP; FL-SUS Core
 Pre-requisite: A or B average in English 1 Honors or an A average in English 1 CP-II
 Description: This honors course promotes academic excellence in English language arts through the study of world literature and through enriched experiences in composition, speech and listening skills.

English Courses, continued**English 3 CP**

Course number: 1001370

Credit: 1.0

Offered to grade: 11

Categories: Fulfills junior English requirement; ; BFSP; FL-SUS Core

Pre-requisite: none

Description: The purpose of this course is to provide instruction in American literature and in English language skills including reading, speaking, and writing exercises which allow demonstration of the skills as well as enhancing the student's understanding and command of the language.

English 3 DE / Honors

Course number: 1001380 / AML 2010 & 2020

Credit: 1.0 toward graduation requirements; by State Law students earn 2.0 credits in this course for purposes of GPA, BFSP, and FL-SUS admissions.

Offered to grade: 11

Categories: Fulfills junior English requirement; BFSP; FL-SUS Core

Pre-requisite: Admission into the dual enrollment program

Description: The purpose of this honors course is to promote academic excellence in English language arts through enriched experience in reading, writing, speaking, and listening and to provide instruction in the study of American literature.

English 4 CP

Course number: 1001400

Credit: 1.0

Offered to grade: 12

Categories: Fulfills senior English requirement; ; BFSP; FL-SUS Core

Pre-requisite: none

Description: The purpose of this course is to provide instruction in all phases of English skills: reading, listening, speaking, and writing using major work in all genres of English and world literature as a focal point.

English 4 DE / Honors

Course number: 1001410 / ENC 1101 & 1102

Credit: 1.0 toward graduation requirements; by State Law students earn 2.0 credits in this course for purposes of GPA, BFSP, and FL-SUS admissions.

Offered to grade: 12

Categories: Fulfills senior English requirement; ; BFSP; FL-SUS Core

Pre-requisite: Admission into the dual enrollment program

Description: This honors course will promote academic excellence in the English language arts with a vigorous sophisticated exercise of reading, writing, and speaking skills using British and World literature as a focus of study.

AP English Literature and Composition

Course number: 1001430

Credit: 1.0

Offered to grade: 12

Categories: Fulfills senior English requirement; BFSP; FL-SUS Core

Pre-requisite: A cumulative English GPA of at least 3.5 with at least 4 semesters at the honors level

Description: This rigorous course challenges the student to absorb and demonstrate knowledge of the important works of world literature with a major emphasis on Western thought. Students will participate in a learning colloquium centered on reading, discussion, and the writing of critiques and compositions. An additional summer reading book is required of students enrolled in this class. Students may earn college credit by taking and passing the AP exam given in the spring. An additional fee is required to register for this mandatory exam.

Leadership

Course number: 2400300

Credit: 0.5

Offered to grades: 11 & 12

Category: Elective Only

Pre-requisite: none

Description: The purpose of this course is to teach leadership skills, parliamentary procedure, problem solving, decision making, communications skills, group dynamics, time and stress management, public speaking, human relations, public relations, team building, and other group processes.

Shakespeare: Literature and the Arts I Honors

Course number: 1005350

Credit: 0.5

Offered to grade: 11 & 12

Categories: Elective; BFSP; FL-SUS Core

Pre-requisite: A cumulative English GPA of at least 3.0

Description: This course will allow students to develop a deeper understanding of Shakespeare. Through three Shakespearean comedies and one tragedy, students will watch their vocabulary and comprehension grow exponentially. Students will read aloud, view film clips of famous productions, study text for literal and inferential understanding, and enact select scenes.

Critical Thinking

Course number: 1700370

Credit: 0.5

Offered to grades: 11 & 12

Category: Elective Only

Pre-requisite: none

Description: The course seeks to develop in students the characteristics of critical thinkers and to encourage their use in everyday situations. The course also instructs students to incorporate critical thinking strategies into their approach to reading, writing, and speaking so that they read more actively and thoughtfully and write and speak more meaningfully and insightfully.

Journalism 1 / Yearbook

Course number: 1006300

Credit: 1.0

Offered to grades: 11 & 12

Categories: Elective; FL-SUS Elective

Pre-requisite: No grade lower than a B in any English course taken at TC, essay, and photograph portfolio approval.

Description: The purpose of this course is to provide instruction in basic aspects of journalism and workshop experiences in journalistic production through publication of the school yearbook "The Crusader."

Journalism 2 / Yearbook

Course number: 1006310

Credit: 1.0

Offered to grades: 11 & 12

Categories: Elective; FL-SUS Elective

Pre-requisite: B or better in Journalism 1 / Yearbook

Description: The purpose of this course is to provide practical experience in news gathering techniques and practice in journalistic writing through publication of the school yearbook "The Crusader."

Introduction to Film DE / Honors

Course number: 1006350 / ENG 2100

Credit: 0.5

Offered to grades: 11 & 12

Category: Elective; BFSP; FL-SUS Core

Pre-requisite: Admission into the dual enrollment program

Description: This course presents film as an art form, with an emphasis on analysis and evaluation. Topics include vocabulary, techniques, story, script, cinematography, sound, directing, historical perspective, cultural settings, and comparative status among other films.

Creative Writing I

Course number: 1009320

Credit: 0.5

Offered to grades: 11 - 12

Category: Elective; BFSP; FL-SUS Core

Pre-requisite: none

Description: Students will explore creative writing techniques and tools through individual writing, editing, peer-group critique, and publication. Students will explore the use of creative fiction (short story, poetry, character sketch, novel) and non-fiction (essay, editorial, review).

Creative Writing II

Course number: 1009330

Credit: 0.5

Offered to grades: 11 - 12

Category: Elective; BFSP; FL-SUS Core

Pre-requisite: none

Description: This course offers students the opportunity to create poetry, fictions, personal essays, and film. In-class exercises and at-home writing projects stimulate students to create a major portfolio by the end of the semester. This course also helps to produce the literary magazine, *The Pendragon*.

Note: Creative Writing I is not a pre-requisite of Creative Writing II.

Mathematics Department Course Offerings

Introduction

The Mathematics Department at Tampa Catholic High School embraces the philosophy and goals of the National Council of Teachers of Mathematics as stated in the Curriculum and Evaluation Standards for School Mathematics. The department strives to provide experiences that encourage and enable students to value mathematics, gain confidence in their own mathematical ability, become mathematical problem solvers, communicate mathematically, and reason mathematically.

Important General Notes:

TI 84 or 84+ calculators are required for all mathematics courses taught at Tampa Catholic. AP Calculus students must have a TI 89 calculator.

Students in the Honors Program must earn an 80% or above in each semester to remain in the Honors Program.

Freshmen who take Algebra 1A may not meet the requirements for admission to the State Universities in Florida.

Students must demonstrate proficiency in Algebra 1 before taking the Algebra 2 course. This can be demonstrated by:

- earning a 70% or above in both semesters of Algebra 1
- earning an 80% or above in both semesters of Algebra 1B
- earning a 60% or above on the Algebra Competency Exam

Courses

Algebra 1A

Course number: 1200370

Credit: 1.0

Offered to grade: 9

Categories: Fulfills one credit of the math requirement; For BFSP and FL-SUS Core Algebra 1A and Algebra 1B are combined for 1 credit.

Students who take Algebra 1A must take Algebra 1B in the following school year and may not meet the admission requirements for the Florida State University system.

Description: This is the first part of a 2-year program whose purpose is to present Algebra 1 material at a slower pace. Topics covered in the first semester of Algebra 1 CP will be covered in Algebra 1A

Algebra 1B

Course number: 1200380

Credit: 1.0

Offered to grades: 10-11

Categories: Fulfills one credit of the math requirement; For BFSP and FL-SUS Core Algebra 1A and Algebra 1B are combined for 1 credit.

Pre-requisite: Successful completion of Algebra 1A; Students who earned a grade below 70% in the second semester of Algebra 1 must take Algebra 1B before taking Geometry and may not meet the admission requirements for the Florida State University system.

Description: In this second year of a 2-year program in Algebra 1, topics covered in the 2nd semester of Algebra 1 CP will be presented.

Algebra 1 CP

Course number: 1200310

Credit: 1.0

Offered to grades: 9

Categories: Fulfills one credit of the math requirement; BFSP; FL-SUS Core

Description: The purpose of this course is to develop the algebraic concepts and processes which can be used to solve a variety of real world and mathematical problems.

Algebra 1 Honors

Course number: 1200320

Credit: 1.0

Offered to grade: 9

Categories: Fulfills one credit of the math requirement; BFSP; FL-SUS Core

Description: This honors course provides a rigorous and in-depth study of algebra as a foundation for more advanced mathematics courses and to develop the skills needed to solve real world and mathematical problems.

Geometry CP

Course number: 1206310

Credit: 1.0

Offered to grades: 9-11

Categories: Fulfills one credit of the math requirement; BFSP; FL-SUS Core

Pre-requisite: A 70% average in Algebra 1 CP or completion of Algebra 1B; Incoming freshmen who have taken Algebra 1 for High School credit may enroll in Geometry provided they earned a minimum 70% grade in the course.

Description: The purpose of Geometry is to study geometric relationships and deductive and inductive strategies which can be used to solve a variety of real world and mathematical problems.

Geometry Honors

Course number: 1206320

Credit: 1.0

Offered to grades: 9 - 11

Categories: Fulfills one credit of the math requirement; BFSP; FL-SUS Core

Pre-requisite: Algebra 1 Honors; Incoming freshmen scoring at the honors level on the ExploreTest and who have taken Algebra 1 for High School credit or have a qualifying score on the Algebra Competency Exam may enroll in Honors Geometry

Description: The purpose of this honors course is to give a rigorous, in-depth study of geometric relationships and deductive and inductive strategies to solve a variety of real world and mathematical problems.

Algebra 2 CP

Course number: 1200330

Credit: 1.0

Offered to grade: 10 - 12

Categories: Fulfills one credit of the math requirement; BFSP; FL-SUS Core

Pre-requisite: Geometry and demonstrated proficiency in Algebra 1 (see note above)

Description: The purpose of this course is to continue the study of Algebra and to provide the foundation for applying these skills to other mathematical and scientific fields.

Algebra 2 Honors

Course number: 1200340

Credit: 1.0

Offered to grades: 9 - 11

Categories: Fulfills one credit of the math requirement; BFSP; FL-SUS Core

Pre-requisite: Geometry Honors

Description: The purpose of this honors course is to present an in-depth study of topics of Algebra 2 and trigonometry with emphasis on theory, proof, and development of formulas, as well as their application.

Pre-Calculus CP

Course number: 1202340

Credit: 1.0

Offered to grades: 12

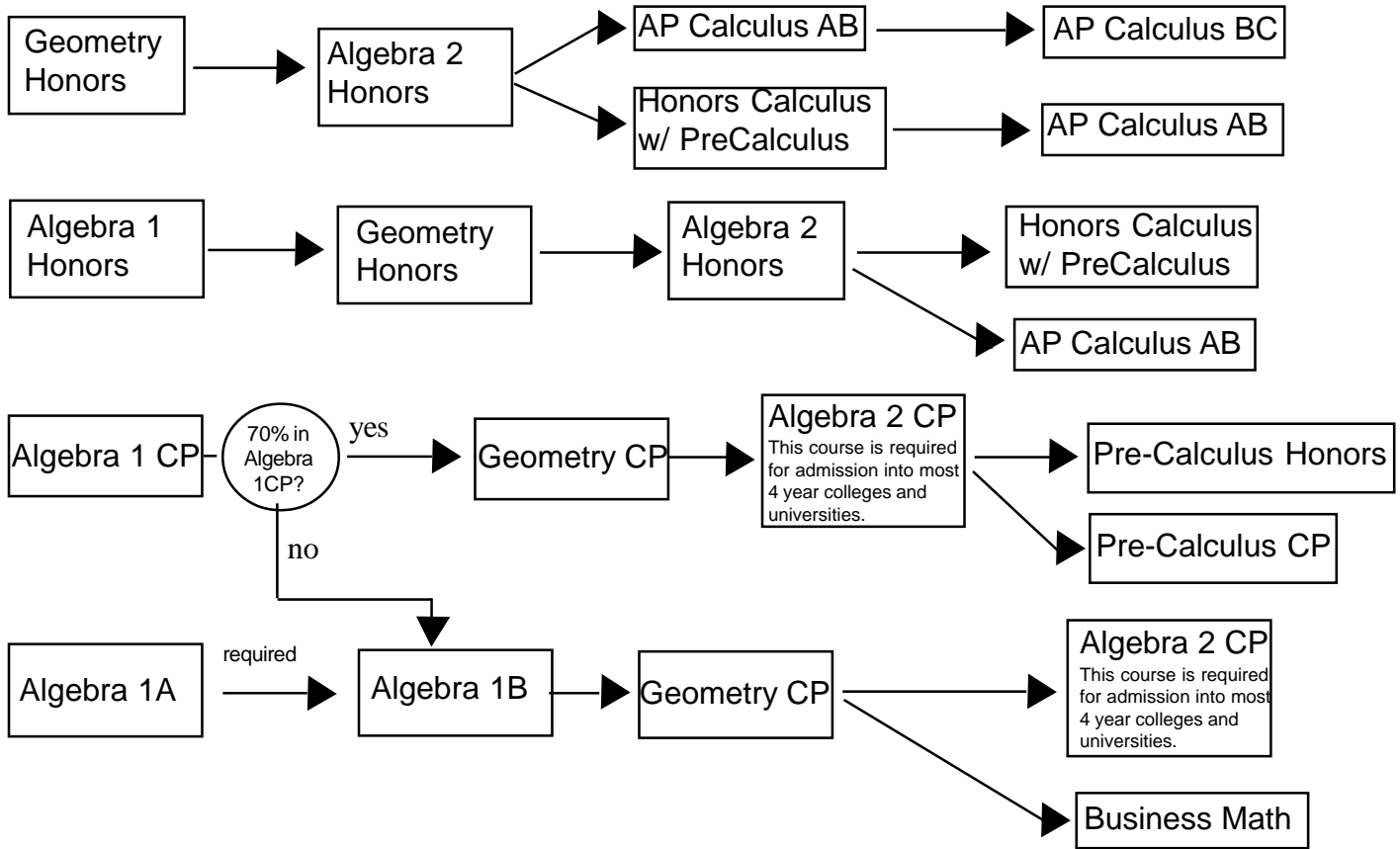
Categories: Fulfills one credit of the math requirement; BFSP; FL-SUS Core

Pre-requisite: Algebra 2 CP; Note Juniors must enroll in Pre-Calculus Honors

Description: The purpose of this course is to emphasize the study of functions and other skills necessary for the success in college level Mathematics.

Course Sequences for Mathematics

This schematic diagram shows a suggested sequence of courses for the majority of students. Please refer to specific pre-requisites for course selection.



Note: Mathematics courses are highly sequential.

Performance in Algebra 1 courses will impact a student’s opportunity to enroll in future mathematics courses. Please see the sequence of mathematics courses on page 13 for further clarification.

Mathematics Courses, continued

Pre-Calculus Honors

Course number: 1202340H
 Credit: 1.0
 Offered to grades: 11 & 12
 Categories: Fulfills one credit of the math requirement; BFSP; FL-SUS Core
 Pre-requisite: 85% average in Algebra 2 CP
 Note: Sophomores who have completed Algebra 2 CP must take this course during their junior year.
 Description: The purpose of this course is to emphasize the study of functions and other skills necessary for Honors Calculus or college-level calculus.

Calculus Honors

Course number: 1202300
 Credit: 1.0
 Offered to grades: 10 - 12
 Categories: Fulfills one credit of the math requirement; BFSP; FL-SUS Core
 Pre-requisite: An 80% average in Algebra 2 Honors or an 85% average in Pre-Calculus Honors
 Note: Juniors enrolling in this course are required to take AP Calculus AB in their senior year.
 Description: The purpose of this course is to first study pre-calculus concepts and then proceed to study calculus topics including the operations of taking limits, derivatives, and integrals.

AP Calculus AB

Course number: 1202310
 Credit: 1.0
 Offered to grade: 11 - 12
 Categories: Fulfills one credit of the math requirement; BFSP; FL-SUS Core
 Pre-requisites: A 90% average in both semesters of Algebra 2 Honors or an 80% average in both semesters of Calculus H.
 Note: Juniors enrolling in this course are required to take AP Calculus BC in their senior year.
 Description: The purpose of this course is to study algebraic and transcendental functions and the general theory and techniques of calculus. This includes the content specified by the Advanced Placement Program. Students may earn college credit by taking and passing the AP exam given in the spring. An additional fee is required to register for this mandatory exam.

Mathematics Courses, continued

AP Calculus BC

Course number: 1202320
 Credit: 1.0
 Offered to grade: 12
 Categories: Fulfills one credit of the math requirement; BFSP; FL-SUS Core
 Pre-requisite: 80% average in AP Calculus AB
 Description: The purpose of this course is to review and expand upon the content of AP Calculus AB. Content specified by the AP Program includes: applications of derivatives and integrals; techniques of integration; and application of concepts in series, sequences, and convergence. Student may earn college credit by taking and passing the AP exam given in the spring. An additional fee is required to register for this mandatory exam.

Business Math

Course number: 1205540
 Credit: 1.0
 Offered to grade: 12
 Category: Fulfills one credit of the math requirement for TC but does not fulfill a math requirement for college admission
 Pre-requisite: none
 Note: Students who qualify to take Algebra 2 or higher may not enroll in this course.
 Description: The purpose of this course is to enable students to develop mathematical competence in problem solving, communication, and reasoning, as related to the business world and personal finance.

Applied Probability and Statistics

Course number: 1210300
 Credit: 1.0
 Offered to grade: 12
 Categories: Fulfills one credit of the math requirement; BFSP; FL-SUS Core
 Pre-requisite: Concurrent enrollment in Algebra 2 and a minimum 3.0 cumulative GPA.
 Description: The purpose of this course is to enable students to develop and apply knowledge of statistics and probability to design experiments, collect and analyze data, and reach appropriate inferences and conclusions.

Discrete Mathematics Honors

Course number: 1220910
 Credit: 1.0
 Offered to grade: 12
 Categories: Elective; BFSP; FL-SUS Core
 Pre-requisite: At least an 80% average in Algebra 2 H or Algebra 2 CP; This course must be taken concurrently with either Pre-Calculus CP or Honors, Calculus H, AP Calculus AB, or AP Calculus BC
 Note: Seniors who have completed one year of Calculus and are not qualified to continue the Calculus series may enroll in this course to satisfy their senior math requirement.
 Description: This course is designed to provide students with further study in topics of mathematics necessary for success in the advanced study of mathematics and computer science. Topics include set theory, functions and relations, symbolic logic, combinatorics, recursion, and graph theory.

Questions?
 If you have questions about the information in this catalog please contact one of our guidance counselors at 813-870-0860 or via email.

Ms. Sara Stranz, Director of Guidance, sstranz@tampacatholic.org
Mr. Mike Shemroske: mshemroske@tampacatholic.org
Br. Mark Ventura mventura@tampacatholic.org

Academic Assistance Program students:
Ms. Liz Cowley lcowley@tampacatholic.org

Academic Assistance Program Course Offerings

Introduction

The Academic Assistance Program is a college-prep program designed to meet the academic needs of students with documented learning challenges who plan to attend a junior college, a four-year college, or a university. A certified Academic Advisor will guide the student in all aspects of his/her academic career. The program provides a learning environment which will assist each student to reach their greatest academic potential. Listed here are the courses available for students in the program.

Learning Strategies: Writing

Course number: 1009300
 Credit: 1.0
 Offered to grade: 9
 Categories: Required of freshmen enrolled in English 1 CP-I; BFSP; FL-SUS Core
 Description: This course is designed for college prep students whose English language skills need to be strengthened before beginning the study of a world language. The students are provided with opportunity to develop better writing skills through writing for various audiences and purposes, as well as the study of grammar and spelling.

Learning Strategies: Reading

Course number: 1008300
 Credit: 1.0
 Offered to grade: 10
 Category: May be required if enrolled in English 1 CP-II
 Description: The purpose of this course is to assist students in developing their reading skills. This class maybe taken concurrently with English 2 CP-I.
 Note: Students from the class of 2011 that took this course as freshmen will be enrolled in Learning Strategies: Writing

Learning Strategies 3: Active Learning Approach

Course number: 7963080
 Credit: 1.0
 Offered to grade: 11
 Category: For students with a current student support plan
 Description: The purpose of this course is to provide instruction that enables students with learning disabilities to acquire and use strategies and skills to enhance their independence as learners in educational settings.

Learning Strategies 4: Self-Advocacy and Planning Skills

Course number: 7963080
 Credit: 1.0
 Offered to grade: 12
 Category: For students with a current student support plan
 Description: The purpose of this course is to provide instruction that enables students with learning disabilities to acquire and use strategies and skills to enhance their independence in post-secondary living.

Physical Education Course Offerings

Introduction

The Physical Education Department assists students in developing their basic skills, not only physically but academically and spiritually. The department's role within the overall school philosophy is to provide a holistic program that helps students develop a positive self-concept and challenges them to grow physically, socially, and mentally.

Courses

Personal Fitness with Integrated Health

Course number: 1501300
 Credit: 0.5
 Offered to grade: 9
 Category: Required
 Pre-requisite: none
 Description: The purpose of this course is to provide students with opportunities to acquire knowledge of health related fitness concepts, to develop and enhance critical life management skills necessary to make sound decisions, and take positive actions for healthy and effective living.

Team Sports 1

Course number: 1503350
 Credit: 0.5
 Offered to grade: 9
 Category: Required
 Description: The purpose of this course is to provide students with opportunities to acquire knowledge of strategies of team sports play, develop skills in selected team sports, and maintain and/or improve their personal fitness to enable them to continue with lifetime participation in athletic activities.

Team Sports 2

Course number: 1503360
 Credit: 0.5
 Offered to grades: 11 & 12
 Category: Elective
 Pre-requisite: A or B average in Team Sports 1
 Description: The purpose of this course is to provide students with the opportunity to incorporate physical activity into the school day and to continue to develop both their knowledge of strategies and their skills in the major team sports, including bowling.

Health/Life Management Skills

Course number: 0800300
 Credit: 0.5
 Offered to grade: 11
 Category: Required
 Pre-requisite: none
 Description: The purpose of this course is to provide students with opportunities to develop and enhance critical life management skills necessary to make sound decisions and take positive actions for healthy and effective living.

Basketball

Course number: 1503310
 Credit: 0.5
 Offered to grades: 11 & 12
 Category: Elective
 Pre-requisite: none
 Description: The purpose of this course is to enable students to develop knowledge, skills, and strategies of basketball, and to maintain and/or improve health related fitness.

Individual & Dual Sports I

Course number: 1502410
 Credit: 0.5
 Offered to grades: 11 & 12
 Category: Elective
 Pre-requisite: A or B average in previous physical education courses
 Description: The purpose of this course is to provide students with opportunities to acquire knowledge and strategies of individual and dual sports play, develop skills in selected individual and dual sports, and maintain and/or improve their personal fitness.

Individual & Dual Sports II

Course number: 1502420
 Credit: 0.5
 Offered to grades: 11 & 12
 Category: Elective
 Pre-requisite: A or B average in Individual & Dual Sports I
 Description: This course provides students with opportunities to extend their knowledge, skills, and strategies of individual and dual sports play and maintain and/or improve their personal fitness.

Beginning Weight Training

Course number: 1501340
 Credit: 0.5
 Offered to grades: 11 & 12
 Category: Elective
 Pre-requisite: A or B average in previous physical education courses
 Description: In this course students will be able to acquire basic knowledge and skills in weight training that may be used in physical fitness pursuits today as well as in later life, improve muscular strength and endurance, and enhance body image.

Intermediate Weight Training

Course number: 1501350
 Credit: 0.5
 Offered to grades: 11 & 12
 Category: Elective
 Pre-requisite: A or B average in Beginning Weight Training
 Description: In this course students will extend their knowledge and skills in weight training.

Advanced Weight Training

Course number: 1501360
 Credit: 0.5
 Offered to grades: 11 & 12
 Category: Elective
 Pre-requisite: A or B average in Weight Training
 Description: This course will provide students the opportunity to further extend their knowledge and skills in weight training as they continue to improve muscular strength and endurance.

Tampa Catholic Grading Scale and Quality Points					
Letter Grade	Numeric Grade	Quality Points			
		College Honors Prep	Honors/Dual Enrollment	Advanced Placement	
A	90 - 100	4.0	4.5	5.0	5.0
B	80 - 89	3.0	3.5	4.0	4.0
C	70 - 79	2.0	2.5	3.0	3.0
D	65 - 69	1.0	1.0	1.0	1.0
F	0 - 64	0.0	0.0	0.0	0.0

Science Department Course Offerings

Introduction

The Science Department at Tampa Catholic High School exists to provide all students with the scientific knowledge and skills necessary for them to fulfill their Christian responsibility to humanity and the environment. To achieve this end, the science curriculum offers a variety of challenging courses geared to differing ability levels. Upon graduation students will be well grounded in their knowledge of the physical and life sciences and can thus better appreciate the world around them.

Courses

Physical Science CP-I

Course number: 2003310

Credit: 1.0

Offered to grade: 9

Categories: Fulfills freshmen science requirement; BFSP; FL-SUS Core

Description: The purpose of this course is to provide opportunities to investigate the theories and ideas associated with the physical sciences. Concepts introduced in the middle school science classes will be expanded upon and then applied to a variety of relevant situations.

Physical Science CP-II

Course number: 2003310

Credit: 1.0

Offered to grade: 9

Categories: Fulfills freshmen science requirement; BFSP; FL-SUS Core

Description: The purpose of this course is to provide opportunities to investigate the theories and ideas associated with the physical sciences. Concepts introduced in the middle school science classes will be expanded upon and then applied to a variety of relevant situations.

Physical Science Honors

Course number: 2003320

Credit: 1.0

Offered to grade: 9

Categories: Fulfills freshmen science requirement; BFSP; FL-SUS Core

Description: The purpose of this course is to provide opportunities to investigate the theories and ideas associated with the physical sciences. Concepts introduced in middle school science classes will be expanded upon and then applied to a variety of relevant situations. A significant amount of mathematics will be used in this course.

Biology CP-I

Course number: 2000310

Credit: 1.0

Offered to grade: 9 & 10

Categories: Fulfills freshmen or sophomore science requirement; BFSP; FL-SUS Core

Pre-requisite: none

Note: Freshmen may enroll in this course if they have previously completed a Physical Science course, have demonstrated competency by a placement test, and are concurrently enrolled in CP or Honors Geometry.

Description: The purpose of this course is to provide students with exploratory experience and activities in the fundamental concepts of life. Laboratory work is integrated into the course.

Biology CP-II

Course number: 2000310

Credit: 1.0

Offered to grade: 9 & 10

Categories: Fulfills freshmen or sophomore science requirement; BFSP; FL-SUS Core

Pre-requisite: none

Note: Freshmen may enroll in this course if they have previously completed a Physical Science course, have demonstrated competency by a placement test, and are concurrently enrolled in CP or Honors Geometry.

Description: The purpose of this course is to provide students with exploratory experience and activities in the fundamental concepts of life. Laboratory work is integrated into the course.

Biology Honors

Course number: 2000320

Credit: 1.0

Offered to grade: 9 & 10

Categories: Fulfills freshmen or sophomore science requirement; BFSP; FL-SUS Core

Pre-requisite: 80% or higher average in freshmen honors English or 90% or higher average in freshmen English CP-II

Note: Freshmen may enroll in this course if they have previously completed a Physical Science course, have demonstrated competency by a placement test, and are concurrently enrolled in Honors Geometry and Honors English 1.

Description: Honors Biology provides students with advanced exploratory experience and activities in the fundamental concepts of life. Laboratory work is integrated into the course.

Earth / Space Science

Course number: 2001310

Credit: 1.0

Offered to grade: 11

Categories: Fulfills junior science requirement; BFSP; FL-SUS Core

Pre-requisite: none

Description: The purpose of this course is to develop concepts of the Earth's origins, physical processes and context in terms of the solar system and the observable universe. Topics covered include the Big Bang, stellar evolution, planets, seasons, ice ages, minerals, rocks, weather, and plate tectonics.

Environmental Science

Course number: 2001340

Credit: 1.0

Offered to grade: 11

Categories: Fulfills junior science requirement; BFSP; FL-SUS Core

Pre-requisite: none

Description: Environmental Science equips students with the knowledge needed for understanding and sustaining the earth. Topics of study include: resources, pollution, ecology, environmental degradation, scientific principles, economics and politics, world view, ethics, and endangered species.

Chemistry CP

Course number: 2003340

Credit: 1.0

Offered to grade: 11 & 12

Categories: Fulfills junior science requirement; BFSP; FL-SUS Core

Pre-requisite: Concurrent enrollment in or completion of Algebra 2 CP with a 75% average in prior math and science CP-II courses, or with a 90% average in prior math and science CP-I courses.

Description: Chemistry CP provides students with an introduction to the composition, structure, and properties of matter. Laboratory experiments are included in the curriculum.

Chemistry Honors

Course number: 2003350

Credit: 1.0

Offered to grade: 11

Categories: Fulfills junior science requirement; BFSP; FL-SUS Core

Pre-requisite: Concurrent enrollment in or completion of Algebra 2 Honors with an 80% average in prior math and science honors courses or with a 90% average in prior math and science CP-II courses.

Description: Chemistry Honors provides students with opportunities to investigate advanced concepts involving the composition, structure, and properties of matter. Laboratory experiments are included in the curriculum.

Science Courses, continued

Zoology

Course number: 2000410

Credit: 1.0

Offered to grade: 12

Categories: Fulfills senior science requirement; BFSP; FL-SUS Core

Pre-requisite: none

Description: Zoology offers students an in-depth study of the animal kingdom. Topics include taxonomy, behavior, and ecology. Floridian examples are given special emphasis.

Anatomy and Physiology DE / Honors

Course number: 2000360 /BSC 1085, 1085L & BSC 1086, 1086L

Credit: 1.0 toward graduation requirements; by State Law students earn 2.0 credits in this course for purposes of GPA, BFSP, and FL-SUS admissions.

Offered to grade: 11 & 12

Categories: Fulfills senior science requirement or may be taken as a junior or senior year elective; BFSP; FL-SUS Core

Pre-requisite: Admission into the dual enrollment program

Description: This honors course will take the student on a thorough journey into the functions and components of the human body, with emphasis on its major systems. Laboratory activities and dissections will be integrated into the course.

Anatomy and Physiology CP

Course number: 2000350

Credit: 1.0

Offered to grade: 11 & 12

Categories: Fulfills senior science requirement or may be taken as a junior year elective; BFSP; FL-SUS Core

Pre-requisite: At least an 80% average in Biology CP-II or a 90% average in Biology CP-I

Description: The purpose of this course is to provide students with general and advanced activities in the structures and functions of the components of the human body. Dissection is required.

Physics CP

Course number: 2003380

Credit: 1.0

Offered to grade: 11 & 12

Categories: Fulfills junior or senior science requirement; BFSP; FL-SUS Core

Pre-requisite: Completion of Algebra 2 with a 75% average in prior math and science courses, or concurrent enrollment in Algebra 2 with an 80% average in prior math courses and a 75% average in prior science courses.

Description: Physics offers students an introductory study of the theories and laws governing the interaction of matter, energy, and the forces of nature. Laboratory experiments and project work are integrated into the course material.

Physics Honors

Course number: 2003390

Credit: 1.0

Offered to grade: 11 & 12

Categories: Fulfills junior or senior science requirement; BFSP; FL-SUS Core

Pre-requisite: Completion of or concurrent enrollment in Algebra 2 with an 80% average in prior math and science courses.

Description: Physics Honors offers students an advanced study of the theories and laws governing the interaction of matter, energy, and the forces of nature. Laboratory experiments and project work are integrated into the course material.

Advanced Placement Physics B

Course number: 2003420

Credit: 1.0

Offered to grade: 12

Categories: Fulfills senior science requirement; BFSP; FL-SUS Core

Pre-requisite: Concurrent enrollment in Pre-Calculus or Calculus and completion of Physics Honors with at least an 80% average.

Description: AP Physics B provides a rigorous introductory study of the theories and laws governing the interaction of matter, energy, and forces of nature. Laboratory experiments and project work are integrated into the course. Students may earn college credit by passing the AP exam which is given in the spring. An additional fee is required to register for this mandatory exam.

Social Studies Department Course Offerings

Introduction

The Social Studies Department of Tampa Catholic is dedicated to preparing students to make rational and informed decisions about economic, social, and political situations and events. In keeping with the beliefs of Christianity and following the guidelines of the Tampa Catholic philosophy, students are encouraged to develop the skills of understanding social relationships, acquiring and processing information, learning communication skills, practicing critical thinking, and decision making.

Courses

World History CP-I

Course number: 2109310

Credit: 1.0

Offered to grade: 9

Categories: Fulfills freshmen Social Studies requirement; BFSP; FL-SUS Core

Pre-requisite: none

Description: This course will provide students the opportunity to acquire an understanding of the development of civilization by examining the political, economic, social, religious, military, dynastic, scientific, and cultural events that have affected humanity. Study skills, including note taking, organization, and map skills, are emphasized.

World History CP-II

Course number: 2109310

Credit: 1.0

Offered to grade: 9

Categories: Fulfills freshmen Social Studies requirement; BFSP; FL-SUS Core

Pre-requisite: none

Description: This course will provide students the opportunity to acquire an understanding of the development of civilization by examining the political, economic, social, religious, military, dynastic, scientific, and cultural events that have affected humanity.

World History Honors

Course number: 2109320

Credit: 1.0

Offered to grade: 9

Categories: Fulfills freshmen Social Studies requirement; BFSP; FL-SUS Core

Description: This honors course taken concurrently with English 1 H will study the development of civilization by examining the political, economic, social, religious, military, dynastic, scientific, and cultural events that have affected humanity. Students will learn to use the skills of application and analysis, as well as synthesis and evaluation.

European History CP-I

Course number: 2109370

Credit: 1.0

Offered to grade: 10

Categories: Fulfills sophomore Social Studies requirement; BFSP; FL-SUS Core

Pre-requisite: none

Description: Students will study the development of Europe within the context of history by examining connections to the past to prepare for the future as participating members of a global community. The influence of major historical figures and events in European history is one of the primary themes. Study skills continue to be developed throughout the course.

Social Studies Courses, continued

European History CP-II

Course number: 2109370
 Credit: 1.0
 Offered to grade: 10
 Categories: Fulfills sophomore Social Studies requirement; BFSP; FL-SUS Core
 Pre-requisite: Completion of World History CP-II or a 90% in World History CP-I
 Description: This course will study the development of Europe within the context of history by examining connections to the past to prepare for the future as participating members of a global community. The influence of major historical figures and events in European history is one of the primary themes of the course.

European History Honors

Course number: 2109370H
 Credit: 1.0
 Offered to grade: 10
 Categories: Fulfills sophomore Social Studies requirement; BFSP; FL-SUS Core
 Pre-requisite: An 85% average in World History Honors or a 95% average in World History CP-II
 Description: This honors course will study the development of Europe within the context of history by examining connections to the past to prepare for the future as participating members of a global community. The influence of major historical figures and events in European history is one of the primary themes.

American History CP

Course number: 2100310
 Credit: 1.0
 Offered to grade: 11
 Categories: Fulfills junior Social Studies requirement; BFSP; FL-SUS Core
 Pre-requisite: none
 Description: This course will provide students with the opportunity to acquire an understanding of the chronological development of the American people by examining the political, economic, social, religious, military, scientific, and cultural events that have affected the rise and growth of our nation.

U.S. History 1 & 2 DE / Honors

Course number: 2100320 / AMH 1010 & 1020
 Credit: 1.0
 Offered to grade: 11
 Categories: Fulfills junior Social Studies requirement; BFSP; FL-SUS Core
 Pre-requisite: Admission into the dual enrollment program
 Description: Semester 1 provides an overview of U.S. history including discovery, colonial foundations, movement for independence, and the early years of the republic through the Civil War and Reconstruction, with an emphasis on North American geography. Semester 2 provides a study of U.S. history from the period of Reconstruction to the present. Topics include politics, economics, geography, and social issues as related to contemporary society.

AP U.S. History

Course number: 2100330
 Credit: 1.0
 Offered to grade: 11
 Categories: Fulfills junior Social Studies requirement; BFSP; FL-SUS Core
 Pre-requisite: A cumulative Social Studies GPA of at least 3.5 with at least 3 semesters at the honors level. Students must agree to read one assigned book during the summer prior to the start of the class
 Description: This course is designed to provide students with the analytical skills and factual knowledge necessary to deal critically with the problems and events in United States history. Students will examine connections to the past to prepare for the future as participating members of a democratic society. Students may earn college credit by taking and passing the AP exam given in the spring. An additional fee is required to register for this mandatory exam.

American Government DE / Honors

Course number: 2106320 / POS 2041
 Credit: 0.5
 Offered to grade: 12
 Categories: Fulfills ½ of the senior Social Studies requirement; BFSP; FL-SUS Core
 Pre-requisite: Admission into the dual enrollment program
 Description: This honors course provides an opportunity to acquire a comprehensive understanding of American government and political behavior at the advanced level. The course includes an analysis of those documents which shape our political traditions as well as a study of the three branches of government and the changing nature of the Democratic State.

Advanced Placement United States Government and Politics

Course number: 2106420
 Credit: 0.5
 Offered to grade: 12
 Categories: Fulfills ½ of the senior Social Studies requirement; BFSP; FL-SUS Core
 Pre-requisite: A cumulative Social Studies GPA of at least 3.5 with at least 4 semesters at the honors level and a minimum of 44 on the PSAT Critical Reading Test
 Note: Students are strongly encouraged to also enroll in American Political System Honors
 Description: Students will acquire a critical perspective of politics and government in the United States. General concepts used to interpret American politics will be covered and then used to analyze specific case studies. Students will also become familiar with the various institutions, groups, beliefs, and ideas that constitute the American political perspective. Students may earn college credit by taking and passing the AP exam given in the spring. An additional fee is required to register for this mandatory exam.

American Government CP

Course number: 2106310
 Credit: 0.5
 Offered to grade: 12
 Categories: Fulfills ½ of the senior Social Studies requirement; BFSP; FL-SUS Core
 Pre-requisite: none
 Description: This course will provide students the opportunity to acquire an understanding of American government and political behavior and to develop the concepts and skills that are necessary to the study of this material.

Economics CP

Course number: 2102310
 Credit: 0.5
 Offered to grade: 12
 Categories: Fulfills ½ of the senior Social Studies requirement; BFSP; FL-SUS Core
 Pre-requisite: none
 Description: This course will provide students with an opportunity to acquire an understanding of economic problems and how various systems solve these problems along with appropriate vocabulary, critical thinking, and decision-making skills.

Economics Honors

Course number: 2102320
 Credit: 0.5
 Offered to grade: 12
 Categories: Fulfills ½ of the senior Social Studies requirement; BFSP; FL-SUS Core
 Pre-requisite: A cumulative 3.5 GPA and cumulative math GPA of 3.0
 Description: This honors course investigates the use of economic reasoning and principles, the role and impact of economic wants as well as public policy decisions related to economic problems. The functions of money in government and the concepts of the market systems are analyzed.

The American Political System Honors: Process and Power

Course number: 2106460
 Credit: 0.5
 Offered to grades: 12
 Categories: Elective; BFSP; FL-SUS Core
 Pre-requisite: A cumulative GPA of at least 3.2 and a minimum of 44 on the PSAT Critical Reading Test
 Description: This course will allow students to deepen their understanding of American Government and the process and power of its political system.

Social Studies Courses, continued

Constitutional Law II Honors

Course number: 2106470

Credit: 0.5

Offered to grades: 11 & 12

Categories: Elective; BFSP; FL-SUS Core

Pre-requisite: A cumulative GPA of at least 3.2 and a minimum of 44 on the PSAT Critical Reading Test

Description: Students will have the opportunity to research, study, and learn the major legal precedents, doctrines, and principles - as well as the evolving judicial interpretations - associated with the United States Constitution. Students will analyze the impact that previous judicial decisions have made to contemporary life in the United States, and they will be expected to defend constitutional positions associated with major issues.

Psychology

Course number: 2107300

Credit: 0.5

Offered to grades: 11 & 12

Categories: Elective; BFSP; FL-SUS Core

Pre-requisite: a GPA of 3.0 is suggested

Description: This course will introduce students to major theories and orientations of psychology, psychological methodology, psychobiology, sensation and perception, states of consciousness, memory, social psychology and abnormal psychology.

Political Science DE / Honors

Course number: 2106340 / POS 1001

Credit: 0.5

Offered to grades: 11 & 12

Categories: Elective; BFSP; FL-SUS Core

Pre-requisite: Admission into the dual enrollment program

Description: This course will cover the basic concepts and theories of government and politics. Its purpose is for the student to acquire a basic understanding of the pursuit and exercise of power in a social framework. This is a Gordon Rule course: 1500 words of writing are required.

World Language Department Course Offerings

Introduction

The philosophy of the American Council on the teaching of World Languages states that the United States must educate students to communicate successfully in a pluralistic American society and abroad. This objective envisions a future in which all students will develop and maintain proficiency in English and at least one other language, modern or classical.

The World Languages Department provides students the opportunity to develop skills in various languages and also makes them aware of the values, customs, and traditions of the countries whose language is under study. This awareness of others should result in a more tolerant attitude and respect for all individuals who live in a multicultural society such as ours.

Courses in French

French 1 Honors

Course number: 0701800

Credit: 1.0

Offered to grades: 9 - 11

Categories: Fulfills one credit of the World Language requirement; BFSP; FL-SUS Core

Pre-requisite: Freshmen enrolled in French 1 Honors are ordinarily enrolled in English 1 Honors; Sophomores must have a minimum cumulative GPA of 3.0; Juniors must have a minimum cumulative GPA of 3.25

Note: This course is only offered in years when sufficient enrollment exists.

Description: The purpose of this course is to introduce students to French and French culture and to develop communication skills and cross-cultural understanding. Students will acquire beginning skills in listening and speaking with special attention to pronunciation, introduction to reading and writing skills, fundamentals of grammar, and fundamentals of culture.

French 2 Honors

Course number: 0701810

Credit: 1.0

Offered to grades: 10 - 12

Categories: Fulfills one credit of the World Language requirement; BFSP; FL-SUS Core

Pre-requisite: Successful completion of French 1

Note: This course is only offered in years when sufficient enrollment exists.

Description: The purpose of this course is to expand previously acquired skills in French 1. Students will expand their knowledge of vocabulary and conversational skills through discussions based on readings -strengthening of grammar skills through analysis of reading selections -acquisition of vocabulary relevant to everyday life of French-speaking people.

French 3 Honors

Course numbers: 0701340H

Credit: 1.0

Offered to grades: 11 & 12

Categories: Elective; BFSP; FL-SUS Core

Pre-requisite: A minimum 80% average in French 2H

Note: This course is only offered in years when sufficient enrollment exists.

Description: The purpose of this course is to expand the skills previously acquired in French 1 and 2. Conversational skills and analysis of reading selections are emphasized. This course is taught in French.

AP French Language

Course number: 0701380

Credit: 1.0

Offered to grades: 11 & 12

Categories: Elective; BFSP; FL-SUS Core

Pre-requisite: A minimum 80% average in French 3H

Note: This course is only offered in years when sufficient enrollment exists.

Description: The purpose of this course is to develop a high level of proficiency in the four basic language skills: listening, speaking, reading, and writing. It includes the study of French cultures through reading, analysis, and criticism of French Literature. This course is taught in French. Students may earn college credit by taking and passing the AP exam given in the spring. An additional fee is required to register for the exam.

**World Language, continued
Courses in Spanish**

**Spanish for Spanish Speakers 1
Honors**

Course number: 0709300H
Credit: 1.0
Offered to grade: 9
Categories: Fulfills one credit of the World Language requirement; BFSP; FL-SUS Core
Pre-requisite: Successful completion of an oral interview and writing sample
Note: This course is only offered in years when sufficient enrollment exists.
Description: The purpose of this course is to enable students with a significant background in Spanish to develop, maintain, and enhance proficiency in Spanish by reinforcing and acquiring skills in listening, speaking, reading, and writing, including the fundamentals of Spanish grammar. The culture, history, and geography of Hispanic countries will also be studied. This course is taught primarily in Spanish.

**Spanish for Spanish Speakers 2
Honors**

Course number: 0709310H
Credit: 1.0
Offered to grade: 10
Categories: Fulfills one credit of the World Language requirement; BFSP; FL-SUS Core
Pre-requisite: 70% average or better in Spanish for Spanish Speakers 1 Honors
Note: This course is only offered in years when sufficient enrollment exists.
Description: The purpose of this course is to enable students with a significant Spanish background to expand previously acquired skills in listening, speaking, reading, and writing. It includes the study of Spanish grammar, and literature, and also the culture, history, and geography of Hispanic countries. This course is taught in Spanish.

Spanish 1 CP

Course number: 0708340
Credit: 1.0
Offered to grades: 9-11
Categories: Fulfills one credit of the World Language requirement; BFSP; FL-SUS Core
Pre-requisite: Sophomores must have a minimum cumulative GPA of 2.0; Juniors must have a minimum cumulative GPA of 2.25
Description: This course will introduce students to the Spanish language. The culture, history, and geography of Hispanic countries will be studied as communication skills and cross-cultural understanding are developed.

Spanish 1 Honors

Course number: 0708340H
Credit: 1.0
Offered to grades: 9-11
Categories: Fulfills one credit of the World Language requirement; BFSP; FL-SUS Core
Pre-requisite: Students enrolled in English 1 Honors are ordinarily enrolled in Spanish 1 Honors
Description: The purpose of this honors course is to promote academic excellence in the introduction to the Spanish language. Students will learn culture, history, vocabulary, and grammar through enriched experiences in basic literature, writing, speaking, and listening.

Spanish 2 CP

Course number: 0708350
Credit: 1.0
Offered to grades: 10 - 12
Categories: Fulfills one credit of the World Language requirement; BFSP; FL-SUS Core
Pre-requisite: Successful completion of Spanish 1
Description: This course will reinforce the fundamental skills previously acquired and develop increased listening, speaking, reading, and writing skills as well as cultural awareness.

Spanish 2 Honors

Course number: 0708350H
Credit: 1.0
Offered to grades: 10 - 12
Categories: Fulfills one credit of the World Language requirement; BFSP; FL-SUS Core
Pre-requisite: 84% average or higher in Spanish 1 Honors or 94% or higher in Spanish 1 CP
Description: This honors course will reinforce the skills previously acquired and develop increased listening, speaking, reading, and writing skills as well as cultural awareness.

Spanish 3 Honors

Course number: 0708360H
Credit: 1.0
Offered to grades: 10 - 12
Categories: Elective; BFSP; FL-SUS Core
Pre-requisite: 85% average or higher in Spanish 2 Honors or 90% or higher in Spanish 2 CP, and an acceptable oral interview conducted in Spanish
Description: This course will allow the student to expand the skills acquired in Spanish 1 and 2. Conversational skills and analysis of reading selections are emphasized. This course is taught in Spanish.

Spanish 4 Honors

Course number: 0708370H
Credit: 1.0
Offered to grades: 11 & 12
Categories: Elective; BFSP; FL-SUS Core
Pre-requisite: 85% average or higher in Spanish 3 Honors or Spanish Spanish for Spanish Speakers 2 Honors; and an acceptable oral interview conducted in Spanish
Description: This course will expand the student's skill and knowledge of Hispanic literature and history and introduce them to more advanced writing techniques. This course is taught in Spanish.

AP Spanish Language

Course number: 0708400
Credit: 1.0
Offered to grades: 11 & 12
Categories: Elective; BFSP; FL-SUS Core
Pre-requisite: 90% average or higher in Spanish for Spanish Speakers 2 Honors, 94% or higher in Spanish 3 Honors, 93% or higher in Spanish 4 Honors, or 90% or higher in AP Spanish Literature; an acceptable Spanish writing sample and an oral interview conducted in Spanish.
Description: The purpose of this course is to develop a high level of proficiency in the four basic language skills: listening, speaking, reading, and writing. It includes the study of Hispanic cultures through reading, analysis, and criticism of Hispanic literature, particularly that of the 20th century. This course is taught in Spanish. Students may earn college credit by taking and passing the AP exam given in the spring. An additional fee is required to register for this mandatory exam.

AP Spanish Literature

Course number: 0708410
Credit: 1.0
Offered to grades: 11 & 12
Categories: Elective; BFSP; FL-SUS Core
Pre-requisite: 93% average or higher in Spanish for Spanish Speakers 2 Honors, or 90% or higher in AP Spanish Language; an acceptable Spanish writing sample, a reading comprehension test, and an oral interview conducted in Spanish.
Description: The purpose of this course is to develop the knowledge of Spanish-American literature; the characteristics of each age; the different writing movements; influential Spanish writers, and the analysis of their masterpieces. It includes the study of Hispanic literature through reading, comprehension, analysis, and critical thinking. This course is taught in Spanish. Students may earn college credit by taking and passing the AP exam given in the spring. An additional fee is required to register for this mandatory exam.



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