

SAINT PETERSBURG
CATHOLIC
HIGH SCHOOL

PROGRAM OF STUDIES



2011 ~ 2012

TABLE OF CONTENTS

Vision for Student Learning.....	2
Honor Code.....	2
Student Scheduling.....	3
General Academic Information.....	3
College & University Eligible Programs.....	4
Elective Courses.....	5
Course Descriptions	
Religion.....	6
Business Education.....	7
English.....	8
Fine Arts.....	10
Mathematics.....	15
Physical Education.....	18
Science.....	19
Social Studies.....	22
World Languages.....	25
Additional Courses (by placement only).....	28

VISION FOR STUDENT LEARNING

St. Petersburg Catholic High School's mission is to educate and inspire all students to be good Christians and honest citizens. As a Salesian school we will collaborate to create a caring and safe environment which allows each student to grow spiritually, academically, and socially.

- As a Salesian school, our purpose and energies are dedicated to compassion and love for the young.
- The Educative Pastoral Community articulates, encourages, and models Catholic values.
- We incorporate reason, religion, and kindness into interactions with students.
- We believe that interactions between adults and students contribute to student learning.
- We demonstrate our commitment to social justice and Christian values by offering our support and service to the community.

HONOR CODE

As a good Christian and an honest citizen:

- I am a person of integrity. I tell the truth, and I make sure the full truth is known.
- I embrace fairness. I submit only my own work and give proper credit to all resources I have used. I do not cheat.
- I respect others' physical, spiritual, and emotional well-being. I respect their property.
- I take pride in St. Petersburg Catholic High School. I understand that I represent SPCHS, both on and off campus, in all that I say and do.

STUDENT SCHEDULING

Course planning and selection is a process that merits careful thought and investigation before making final choices. The decisions you make are extremely important for your next step into college as well as for your future direction in life. In an effort to guide all SPCHS students to their highest potential, the faculty members in all departments have assigned pre-requisites to most courses. This process has been completed with great care and experience. You should seek the advice of your teachers, your parents and your guidance counselor to help you understand the available options and to help you make responsible and realistic choices.

In early summer, the Master Schedule and final rosters will be completed. After this time, schedule changes will be allowed on a very limited basis. Once the school year begins, students will have five school days to request a schedule change. These requests will require teacher and parent permission. In exceptional cases, administrative approval may also be required.

GENERAL ACADEMIC INFORMATION

GRADUATION REQUIREMENTS

St. Petersburg Catholic High School, the Diocesan Office of Catholic Schools and Centers, and the State of Florida determine graduation requirements of the school. In order to receive a St. Petersburg Catholic High School diploma, students must have earned 28 credits in the areas shown below **and** have a cumulative Grade Point Average (GPA) of 2.0. Student whose G.P.A. is less than 2.0 will receive a certificate of completion.

English	4.0 Credits
Fine Arts	1.0 Credits
Mathematics	4.0 Credit
Physical Education ¹	1.0 Credit
Religion	4.0 Credits
Science ²	3.0 Credits
Social Studies	
*Global Studies	1.0 Credit
*World History	1.0 Credit
*American History	1.0 Credit
*American Government	0.5 Credit
*Economics	0.5 Credit
World Languages ³	2.0 Credits
Electives	5.0 Credits

NOTES

¹ Personal Fitness must account for ½ of this credit.

² Two of these credits must have a lab component.

³ Credits must be sequential and in the same language.

COLLEGE & UNIVERSITY CREDIT ELIGIBLE PROGRAMS

ADVANCED PLACEMENT (AP) COURSES

St. Petersburg Catholic High School offers Advanced Placement courses in English, mathematics, fine arts, science, social studies, and world languages. These rigorous college level classes are designed for academically capable and motivated students. At the end of each course, students will sit for an exam written and scored by the College Board. Based on the grade the student receives, college credit may be awarded at the discretion of the college or university a student attends. For more information, contact your guidance counselor or visit www.collegeboard.com.

ADVANCED PLACEMENT COURSE OFFERINGS

AP Art – Drawing Portfolio
AP Biology
AP Calculus AB
AP Calculus BC
AP Chemistry
AP English Literature and Composition
AP Physics – C
AP Spanish Language
AP Statistics
AP Studio Art – 2D Design Portfolio
AP United States Government and Politics
AP United States History

DUAL ENROLLMENT (DE) COURSES

St. Petersburg Catholic students in 11th and 12th grades may choose to earn college credit while attending high school through our Dual Enrollment agreement with St. Petersburg College. Selected courses are offered at no additional tuition cost. Dual Enrollment courses are college courses for academically capable students, taught by qualified St. Petersburg Catholic High School faculty members on our campus. Students participating in DE courses are expected to do college-level work and will be held to college standards for grading. All grades earned in Dual Enrollment classes are recorded on an official St. Petersburg College transcript. All credits earned may be transferred at the discretion of the college or university a student attends. Students should contact post-secondary institutions to which they may apply for information regarding DE credits.

ELIGIBILITY FOR DUAL ENROLLMENT

Students must apply and be admitted to St. Petersburg College, have a minimum 3.0 unweighted cumulative G.P.A. and passing scores from any one of the following tests.

- SAT: 440 Critical Reading
- ACT: 18 Reading, 17 English
- CPT (College Placement Test): 83 Reading, 83 Sentence Skills

DUAL ENROLLMENT COURSE OFFERINGS

DE Composition I and II (ENC1101/ENC1102 – 6 college credits)
DE Elementary Spanish I and II (SPN1120 / SPN1121 – 8 college credits)
DE Intermediate Spanish I and II (SPN2220 / SPN2201 – 6 college credits)

ELECTIVE COURSES

<u>Religion</u> Spirituality for Leadership	<u>Business Education:</u> Accounting I Advanced Accounting II Business Dynamics I, II Business Law / Teen Court Project Invest I, II	<u>English:</u> AP English Lit. and Composition Composition I, II (Dual Enrollment)
<u>Fine Arts: Performing Arts</u> Band I, II, III, IV Chorus I, II, III, IV Drama Instrumental Ensemble / Drumline Instructional Techniques Music Appreciation Speech Television Production I, II	<u>Fine Arts: Visual Arts</u> AP Studio Art – 2D Design Portfolio AP Art – Drawing Portfolio Art/2-D Comprehensive I Art/3-D Comprehensive I Ceramics/Pottery I, II Creative (Digital) Photography I, II Drawing I, II, III, IV Graphic Design / Yearbook Painting I, II, III	<u>Mathematics</u> AP Calculus, AB AP Calculus, BC AP Statistics Mathematics for College Readiness Probability & Statistics Pre-Calculus (and Honors)
<u>Physical Education/Health</u> Beg. / Inter. /Adv. Wt Training Recreational Activities I, II Team Sports I, II	<u>Science</u> Anatomy & Physiology AP Biology AP Chemistry AP Physics Chemistry (and Honors) Earth and Space Science Forensics Intro. to the Medical Profession Marine Science Medical Skills Physics (and Honors)	<u>Social Studies</u> AP US Government and Politics AP US History Psychology Sociology
<u>World Languages</u> AP Spanish - Language Elementary Spanish I, II (Dual Enr.) Intermediate Spanish I, II (Dual Enr.) Latin I, II, III, IV (and Honors) Spanish I, II, III (and Honors)	<u>Miscellaneous (By Placement Only)</u> Intensive Math	

RELIGION

REL091	LIVING YOUR FAITH CREDIT = 0.5	GRADE 9 SEMESTER 1
	In this course students study the Old and New Testaments as seen from God's revelation to His people. With the use of scripture as a foundation, the concepts of religion, God, grace, evil, sin, prayer, death, heaven, and sacraments are presented within the traditions of the Catholic faith.	
REL092	CATHOLIC VALUES AND SEXUALITY CREDIT = 0.5	GRADE 9 SEMESTER 2
	This course challenges students to explore positive values in the area of sexuality. Emphasis is placed on the complete Christian view of sexuality as well as the Church's view on related topics. Students will participate in class discussions, watch and critique videos, and complete projects to assist them in learning to live a Christian, Catholic lifestyle.	
REL101	OLD TESTAMENT CREDIT = 0.5	GRADE 10 SEMESTER 1
	This course introduces the student to the Word of God in Hebrew Scriptures. Students will examine the four parts of the Hebrew Scriptures with particular emphasis on the Pentateuch (the first five books of the Bible) and the centrality of Moses and the Exodus experience. Selected topics will be studied from the historical, wisdom, and prophetic books.	
REL102	MORALITY CREDIT = 0.5	GRADE 10 SEMESTER 2
	This course focuses on the development of virtue and character. It asks the question, "What kind of person am I becoming, and what kind of person do I want to become?" It then responds by offering a Christian vision centering on Jesus and offering the tradition of Catholic Church teaching on contemporary moral issues. Students will explore how the choices we make form our character. Christian decision-making and sources of help are studied.	
REL111	NEW TESTAMENT CREDIT = 0.5	GRADE 11 SEMESTER 1
	In a very spiritual and academic way, this course seeks to illuminate both the person and mission of Jesus Christ. This is done primarily through the study of the Gospels and the other three parts of the New Testament: the Acts of the Apostles, the Epistles, and the Book of Revelation. The course will also examine the development of the Early Church with special focus on the role of Paul and the leadership of Peter.	
REL112	SACRAMENTS CREDIT = 0.5	GRADE 11 SEMESTER 2
	This course seeks to raise the students' awareness of the sacraments as signs and symbols of the presence and action of the Risen Christ within the Church community. The sacraments are important as a means by which a person is initiated, formed, and supported as a member of the Church community. By learning how each sacrament continues the mission of Jesus, students gain a deeper understanding of these rituals, which are central to worship in the Catholic Church.	
REL121	SOCIAL JUSTICE CREDIT = 0.5	GRADE 12 SEMESTER 1
	This course is a study of justice and peace issues. Students will examine current issues of personal and world concern in the light of Sacred Scripture and Christian tradition throughout the history of the Church. We also seek to elicit an awareness of the need for critical thought and action to secure justice and peace in today's society.	

REL122	CHRISTIAN ADULTHOOD CREDIT = 0.5 This course is designed to aid students in facing the challenges of young adulthood so that they can shape a future that is hopeful, healthy, and full. Topics will include the four fundamental vocations for a Christian: single life, married life, religious life, and ordained ministry. Students will be challenged to reflect on their own personal lives and prayerfully discern God's will for them.	GRADE 12 SEMESTER 2
REL123	SPIRITUALITY FOR LEADERSHIP CREDIT = 0.5 Prerequisite: Teacher Approval This course is geared to those students seeking to deepen their personal relationships with Jesus and to become Catholic leaders. Students will study and participate in prayer, read and reflect on scripture, and learn and understand various spiritualities of Catholic saints. They will practice catechizing and evangelizing their peers by organizing and overseeing youth ministry events.	GRADES 11-12 SEMESTER

BUSINESS EDUCATION

8203310	ACCOUNTING I CREDIT = 1.0 Prerequisite: "C" in Algebra I and teacher approval An exploration and introduction to basic accounting is presented in this course. Students will master fundamental accounting concepts and procedures through journals and financial statements. Students have the opportunity to participate in a Real Estate seminar called REVEST and learn about home purchases from Real Estate professionals.	GRADES 10-12 FULL YEAR
8203320	ADVANCED ACCOUNTING II CREDIT = 1.0 Prerequisite: Accounting I AND teacher approval Accounting II is a continuation of the financial concepts learned in Accounting I. Students will have the opportunity to analyze business information at the corporate level while preparing professional-like documents using automated accounting methods. Students interested in a career in accounting are strongly encouraged to take this course and are expected to work at an advanced business level. The REVEST Real Estate program continues during this course.	GRADES 11-12 FULL YEAR
8217130	BUSINESS DYNAMICS AND LIFE SKILLS I CREDIT = 0.5 Prerequisite: None <i>Note: Students who successfully complete both this course <u>and</u> Project Invest I have an opportunity to earn St. Petersburg College credit if they are admitted to and enroll in the SPC College of Business.</i> In this course students examine four dynamic areas in the world of work: decision making and problem solving, responsibilities of the working citizen, the economics of work, and human relations. Students create an advertising agency entitled the Baron Advertising and Marketing Group. Practical knowledge of on-the-job training is gained while students organize and implement advertising campaigns for a variety of school clubs and events.	GRADES 11-12 SEMESTER 1
8217130	BUSINESS DYNAMICS AND LIFE SKILLS II CREDIT = 0.5 Prerequisite: Business Dynamics and Life Skills I In this course students will continue to examine four dynamic areas in the world of work: decision making and problem solving, responsibilities of the working citizen, the economics of work, and human relations. Students create an advertising agency entitled the Baron Advertising and Marketing Group. Practical knowledge of on-the-job training is gained while students organize and implement advertising campaigns for a variety of school clubs and events.	GRADE 12 SEMESTER 1

8217140	PROJECT INVEST I CREDIT = 0.5 Prerequisite: None <i>Note: Students who successfully complete both this course <u>and</u> Business Dynamics and Life Skills have an opportunity to earn St. Petersburg College credit if they are admitted to and enroll in the SPC College of Business.</i> In this course students enhance their understanding of the workplace by participating in an insurance simulation, entitled INVEST. Project INVEST is a business and education partnership which allows students to examine their career potential in the insurance field. The larger Tampa Bay business community is actively involved in this program. Scholarship opportunities exist in the INVEST program as well as internships and summer employment.	GRADES 11-12 SEMESTER 2
8217140	PROJECT INVEST II CREDIT = 0.5 Prerequisite: Project Invest I In this course students fill leadership roles as they continue their participation in an insurance simulation, entitled INVEST. Project INVEST is a business and education partnership which allows students to examine their career potential in the insurance field. The larger Tampa Bay business community is actively involved in this program. Scholarship opportunities exist in the INVEST program as well as internships and summer employment.	GRADE 12 SEMESTER 2
8217160	BUSINESS LAW / TEEN COURT CREDIT = 0.5 Prerequisite: None The purpose of this course is to provide students an opportunity to gain a practical knowledge of their rights and obligations in everyday business and personal transactions as well as their rights and obligations as citizens in a democratic society. Topics include the origin and development of law and our legal institutions. Students focus on problems calling for decisions based on the laws presented. Students participate in a mock trial and are trained to participate in TEEN COURT through the Pinellas County juvenile courts.	GRADES 10-12 SEMESTER

ENGLISH

1001310	ENGLISH I CREDIT = 1.0 Prerequisite: By Placement English I is a comprehensive study of grammar, vocabulary, writing, and literature. The literature will focus on “Big Questions,” such as “Can truth change?” or “Is conflict necessary?” Students will be presented with a range of genres including fiction, nonfiction, drama, and poetry. Independent reading of novels will also be required. Students will learn, practice, and refine writing skills focusing on the multi-paragraph essay. Research skills with an emphasis on note taking, paraphrasing, and documentation will be stressed. Students will have the opportunity to use the technology to write, research, create a bibliography, and check for plagiarism.	GRADE 9 FULL YEAR
1001320	ENGLISH I HONORS CREDIT = 1.0 Prerequisite: By Placement English I Honors is a comprehensive study of grammar, vocabulary, writing, and literature. The literature will focus on “Big Questions,” such as “Can truth change?” or “Is conflict necessary?” Students will be presented with a range of genres including fiction, nonfiction, drama, and poetry. Students will be required to complete an independent reading assignment each grading period. A research paper utilizing the research skills will be required second semester. This paper will provide the student the opportunity to use technology, to write, research, create a bibliography, use proper citations, and check for plagiarism.	GRADE 9 FULL YEAR

1001340	ENGLISH II CREDIT = 1.0 Prerequisite: English I The English II course will build on the foundation begun in English I. Literature elements of fiction and nonfiction will be explored through short stories, poetry, drama, and excerpts from other forms of writing (autobiographies and biographies; informational texts, technical, newspaper and magazine articles; web sites). Other essential language arts fundamentals such as reading skills, literary analysis, vocabulary, grammar, writing, listening and speaking, and research and technology will also be covered.	GRADE 10 FULL YEAR
1001350	ENGLISH II HONORS CREDIT = 1.0 Prerequisite: “B” in English I Honors or “A” in English I AND teacher approval The English II Honors course is a year long study of the various genres, movements and styles of literature. Students will read and critically analyze fiction, nonfiction, novels, short stories and poetry. Students will be expected to express their views through class discussions, formal presentations, and writing. Students will write essays, study vocabulary, and review rules of grammar in order to prepare for the SAT, and eventually college. The mechanics of writing a term paper, including research will also be covered.	GRADE 10 FULL YEAR
1005310	AMERICAN LITERATURE CREDIT = 1.0 Prerequisite: English III This course surveys American literature from its beginnings to the contemporary period, highlighting the political and social forces that have crafted the American experience. Students will write essays based on ideas generated by various literary works in addition to creative essays. Building vocabulary continues to be an essential component.	GRADE 11 FULL YEAR
1020810	AMERICAN LITERATURE HONORS CREDIT = 1.0 Prerequisite: “B” in English II Honors or “A” in English II AND teacher approval Students will critically analyze American literary works and learn to express their views through class discussions, formal presentations, and writing. Formal essays based on group discussion and individual analysis are an important part of the course.	GRADE 11 FULL YEAR
1005320	BRITISH LITERATURE CREDIT = 1.0 Prerequisite: American Literature Within the context of three essential questions (What is the relationship between place and literature? How does literature shape or reflect society? What is the relationship of the writer to tradition?), students will read, examine, and respond to British literature from its beginnings in the Anglo-Saxon Age through to the Modern Era. Independent reading will also be required. During second semester, students will write a research-based argument paper. Vocabulary development, an as-needed grammar review, and independent reading will be incorporated throughout the year. Additionally, the basics of public speaking will be presented with students presenting two formal speeches.	GRADE 12 FULL YEAR
1001430	ADVANCED PLACEMENT LITERATURE AND COMPOSITION CREDIT = 1.0 Prerequisite: “B” in American Literature Honors AND teacher approval AP Literature and Composition is a rigorous course that challenges the abilities of students to sharpen their critical reading and writing skills through the interpretation of literature. A heavy reading and writing workload should be expected. Students will work to prepare for the Advanced Placement Exam in May. Additionally, AP students will be required an additional summer reading assignment. <i>Students are required to take the Advanced Placement examination in May, 2012 (fee approximately \$85).</i>	GRADE 12 FULL YEAR

ENC1101	COMPOSITION I (DUAL ENROLLMENT) CREDIT = 1.0 Prerequisite: In addition to having a minimum 3.0 unweighted GPA, students must also apply and be admitted to St. Petersburg College. Also, they must pass the CPT (college placement test) or achieve acceptable scores on SAT or ACT tests. This course is designed to develop composition skills. It will include an online Course of Record that will allow students to engage interactively through discussion postings and online research. It emphasizes the development of the multi-paragraph essay and includes practice in information retrieval from electronic and other sources, as well as in the selection, restriction, organization, and development of topics. It also offers the student opportunities to improve proficiency with sentence structure, diction, and mechanics. Selected writing samples are examined as models of form and as sources of ideas for the student's own writing. Conferences provide individual instruction. Sections of computer-assisted and individualized instruction are offered.	GRADE 12 SEMESTER
ENC1102	COMPOSITION II (DUAL ENROLLMENT) CREDIT = 1.0 Prerequisite: "C" or better in Composition I This course builds upon the skills developed in Composition I. It provides further instruction in the planning, organization, and writing of essays. It stresses methods of library research including information retrieval from electronics sources, and emphasizes writing of the research paper and the paper of literary interpretation. The reading includes selections from at least two forms of literature and also includes a study of film.	GRADE 12 SEMESTER

FINE ARTS

PERFORMING ARTS

0400310	DRAMA I CREDIT = 1.0 Prerequisite: None The purpose of this course is to enable students to develop fundamental skills in the multiple elements of theater as a collaborative art. The content will include, but not be limited to, the following: acting and characterization; movement and vocal production; pantomime and improvisation; theater terminology; script elements; theater history and influences; technical theater and design; play writing; theater production; artistic discipline; audience etiquette; roles and careers in theater arts; relationships between theater arts and other subject areas. This course generally requires students to participate in extra rehearsals and performances beyond the school day.	GRADES 9-12 FULL YEAR
1007300	SPEECH I CREDIT = 0.5 Prerequisite: Teacher approval This course provides students with public speaking practice and explores the nature of leadership, group dynamics, and communication in many forms. Students deliver a number of formal speeches which are critiqued by the teacher and classmates. In addition, students develop writing and listening skills, practice critical thinking, and learn to use presentation technology.	GRADES 11-12 SEMESTER
1100300	TV PRODUCTION I CREDIT = 1.0 Prerequisite: Application, interview, and teacher approval Students gain television skills through the planning, directing, and recording of television programs. Working as a team the students produce 'News Center', a daily live production on Baron Student Premier Network. During the second semester, students will produce several news-style projects for BSPN News Center.	GRADES 11-12 FULL YEAR

1100310	TV PRODUCTION II CREDIT = 1.0 Prerequisite: TV Production I and teacher approval After leading Television I students through the beginning stages of BSPN Newscenter production, Television II students will focus on the production of several larger projects: “The Place to Be” (four hours of telethon-style cut-ins), a music video, a documentary, an instructional video, a three-to-five minute “short”, as well as several individual projects of the student’s choice.	GRADES 11-12 FULL YEAR
1301310	MUSIC APPRECIATION CREDIT = 1.0 Prerequisite: None This introductory course presents the main elements of music and how they have developed and changed throughout history. This course will enable students to develop the knowledge and skills necessary to understand how music is used in one’s personal life as well as in varied cultures, societies, and historical periods.	GRADES 9-12 FULL YEAR
1302420	INSTRUMENTAL TECHNIQUES CREDIT = 1.0 Prerequisite: None Special Note: Each student will be required to own or rent his or her instrument and to purchase a methods book for that instrument. (Rentals and books are available at most local music stores.) This class will be open to any student who would like to learn to play a concert band instrument including Saxophone, Clarinet, Flute, Trumpet, Trombone, Baritone, French Horn, Tuba, and Percussion. No prior experience is necessary. Students will learn the rudiments of instrument assemble and care, note and rhythmic reading, and the development of a basic quality sound on their instrument. Students completing this class may continue on to Band I next year.	GRADES 9-12 FULL YEAR
1302300	BAND I CREDIT = 1.0 Prerequisite: Instrumental Techniques and/or teacher approval This class is open to students who have at least one to two years playing experience on a concert band instrument. Students will continue to develop their talents through the use of concert literature and popular charts. Performances can and will include Florida Bandmaster Association festivals, football games, and pep rallies.	GRADES 9-12 FULL YEAR
1302310 1302320 1302330	BAND II BAND III BAND IV CREDIT (FOR EACH) = 1.0 Prerequisite: Previous level(s) of Band and teacher approval These classes will provide continuing opportunities for students to enhance their band performance techniques.	GRADES 10-12 FULL YEAR
1302460	INSTRUMENTAL ENSEMBLE I / DRUMLINE CREDIT = 1.0 Prerequisite: Instrumental Techniques and/or teacher approval This class is open to students who have at least one to two years playing experience on a concert band instrument. Students will continue to develop their talents through the use of concert literature and popular charts. Performances can and will include Florida Bandmaster Association festivals, football games, and pep rallies.	GRADES 9-12 FULL YEAR

1303300	CHORUS I CREDIT = 1.0 Prerequisite: None This course will enable 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. Students will have the opportunity to perform at concerts, liturgies, and community functions. Some after-school and/or weekend activities may be required.	GRADES 9-12 FULL YEAR
1303310 1303320 1303330	CHORUS II CHORUS III CHORUS IV CREDIT (FOR EACH) = 1.0 Prerequisite: Previous level(s) of Chorus and teacher approval These classes will provide continuing opportunities for students to enhance their choral performance techniques.	GRADES 10-12 FULL YEAR

VISUAL ARTS

0101300	ART/2-D COMPREHENSIVE I CREDIT = 0.5 Prerequisite: None <i>There is a supply list for this class.</i> The purpose of this course is to develop basic technical skills in the following 2-dimensional art forms: drawing, painting, printmaking, and collage. Students will be encouraged to produce original and creative images and communicate their ideas through these 2-dimensional art forms. The elements and principles of design and related vocabulary, and an appreciation of art from various cultures and historical periods will also be addressed in this course.	GRADES 9-12 SEMESTER
0101330	ART/3-D COMPREHENSIVE I CREDIT = 0.5 Prerequisite: Art/2-D Comprehensive I <i>There is a supply list for this class.</i> The purpose of this course is to give students a basic understanding of three-dimensional art methods, media, techniques, and craftsmanship. Students will use a variety of traditional and non-traditional materials and techniques to demonstrate a beginning awareness of technical processes and forms. This course will address the historical origins, materials, and uses of three-dimensional art forms and include the study of contemporary materials and uses of three-dimensional art forms. The study of the elements and principles of design and related vocabulary will enable students to assess the aesthetic and functional qualities and merit of three-dimensional works of art.	GRADES 9-12 SEMESTER
0104340	DRAWING I CREDIT = 1.0 Prerequisite: None <i>There is a supply list for this class.</i> Students will develop basic perceptual, observational, and compositional skills necessary to communicate a range of subject matter such as line drawing, perspective drawing, and value and life studies. Problem solving skills will be explored using the elements and principals of art and the related vocabulary. A wide range of approaches and media will be investigated within this studio course.	GRADES 9-12 FULL YEAR

- 0104350** **DRAWING II** **GRADES 10-12**
CREDIT = 1.0 **FULL YEAR**
Prerequisite: Drawing I and teacher approval
There is a supply list for this class. Students will refine perceptual, observational, and compositional skills necessary to communicate a range of subject matter such as line drawing, perspective drawing, and value and life studies. Problem solving skills will be explored and enhanced using the elements and principals of art and the related vocabulary. A wide range of approaches and media will be investigated with quality within this studio course.
- 0104360** **DRAWING III** **GRADES 10-12**
CREDIT = 1.0 **FULL YEAR**
Prerequisite: Drawing II and teacher approval
There is a supply list for this class. Advanced students will refine perceptual, observational, and compositional skills necessary to communicate a range of subject matter such as line drawing, perspective drawing, and value and life studies. Problem solving skills will be further developed and enhanced using the elements and principals of art and the related vocabulary. A wide range of approaches and media will be investigated with quality within this studio course. Beginning portfolio, formal investigation of conceptual issues and a growing proficiency of vocabulary and materials are goals of this course.
- 0104370** **PAINTING I** **GRADES 10-12**
CREDIT = 1.0 **FULL YEAR**
Prerequisite: Drawing I and teacher approval
The purpose of this course is to enable students to develop basic perceptual, observational, and compositional skills necessary to communicate a range of subject matter, symbols, ideas, and concepts using knowledge of painting media, processes, and techniques. Problem solving skills will be explored using the elements and principals of art and the related vocabulary. A wide range of approaches and media will be investigated within this studio course. As a very hands-on class, students must be willing and able to follow directions and work independently.
- 0104380** **PAINTING II** **GRADES 11-12**
CREDIT = 1.0 **FULL YEAR**
Prerequisite: Painting I and teacher approval
The purpose of this course is to enable students to develop intermediate-level perceptual, observational, and compositional skills necessary to communicate a range of subject matter, symbols, ideas, and concepts using knowledge of painting media, processes, and techniques. Problem solving skills will be explored using the elements and principals of art and the related vocabulary. A wide range of approaches and media will be investigated within this studio course. As a very hands-on class, students must be willing and able to follow directions and work independently.
- 0104390** **PAINTING III** **GRADES 11-12**
CREDIT = 1.0 **FULL YEAR**
Prerequisite: Painting II and teacher approval
The purpose of this course is to enable students to develop advanced perceptual, observational, and compositional skills necessary to communicate a range of subject matter, symbols, ideas, and concepts using knowledge of painting media, processes, and techniques. Problem solving skills will be explored using the elements and principals of art and the related vocabulary. A wide range of approaches and media will be investigated within this studio course. As a very hands-on class, students must be willing and able to follow directions and work independently.

0104300	ADVANCED PLACEMENT ART - DRAWING PORTFOLIO CREDIT = 1.0 Prerequisite: Teacher approval <i>There is a supply list for this course.</i> The purpose of this Advanced Placement course is to give dedicated students the opportunity to develop quality, concentration, discipline, and breadth in drawing. It addresses the very broad interpretation of mark making and purposeful decision making involving the elements and principles of art. The content includes, but is not limited to the following: experiences in the development of skills in the perceptual and conceptual aspects of drawing and techniques of preparation, presentation, and evaluation of portfolio content. The course includes requirements that demonstrate student's mastery of rigorous standards required for quality point art courses. There is a SUMMER ASSIGNMENT for this course.	GRADES 11-12 FULL YEAR
0109350	ADVANCED PLACEMENT STUDIO ART: 2D DESIGN PORTFOLIO CREDIT = 1.0 Prerequisite: Teacher approval <i>There is a supply list for this course.</i> This Advanced Placement course will address a very broad interpretation of two-dimensional (2-D) design issues. Purposeful decision-making involving the use of the elements and principles of design in an integrative way is the focus of the class. The content includes advanced study of the elements of design (line, shape, illusion of space, illusion of motion, pattern, texture, value, and color); and advanced study of the principles of design including unity/variety, balance, emphasis, rhythm, and graphic design. The course includes requirements that demonstrate student's mastery of rigorous standards required for quality point art courses. There is a SUMMER ASSIGNMENT for this course.	GRADES 11-12 FULL YEAR
0108310	CREATIVE PHOTOGRAPHY I (DIGITAL) CREDIT = 0.5 Prerequisite: None <i>Digital camera and batteries required.</i> The purpose of this course is to give students a solid foundation in photographic imagery. Students will learn the essentials of the digital camera, compositional techniques and the basic editing functions of GNU Image Manipulation Software. Students will be required to follow an established workflow procedure in order to maximize the efficiency of their photographic production. As a very hands-on class, students must be willing and able to follow directions, work independently and spend time outside of class taking photos.	GRADES 9-12 SEMESTER
0108320	CREATIVE PHOTOGRAPHY II (DIGITAL) CREDIT = 0.5 Prerequisite: Creative Photography 1. <i>Digital camera and batteries required.</i> As the continuation of Creative Photography I, the purpose of this course is to build on the foundation in photographic imagery. Students will continue to learn the essentials of the digital camera, compositional techniques and develop an in-depth knowledge of GNU Image Manipulation Software. The course will focus on structured exercises and topic-driven lessons. In order to gain the most from this very hands-on class, students must be willing and able to follow directions, work independently and spend time outside of class taking photos. Students will create a photographic portfolio and will prepare photographs for inclusion in local student art competitions.	GRADES 9-12 SEMESTER
0102300	CERAMICS / POTTERY I CREDIT = 0.5 Prerequisite: Art/3-D Comprehensive I and/or teacher approval The purpose of this course is to enable students to recognize the properties, possibilities, and limitations of clay by creating functional and nonfunctional works of ceramics and pottery using basic hand-building and wheel throwing techniques. The use of tools, equipment, materials, art vocabulary, and the preparation, object production, decoration and firing of work will be included in this studio course.	GRADES 10-12 SEMESTER

0102310 CERAMICS / POTTERY II GRADES 10-12
CREDIT = 0.5 SEMESTER
Prerequisite: Ceramics/Pottery I and teacher approval
The purpose of this course is to further engage students in the properties, possibilities, and limitations of clay by creating functional and nonfunctional works of ceramics and pottery using basic hand-building and wheel throwing techniques. The use of tools, equipment, materials, art vocabulary, and the preparation, object production, decoration and firing of work will be further explored in this studio course.

0106300 GRAPHIC DESIGN/YEARBOOK GRADES 11-12
CREDIT = 1.0 FULL YEAR
Prerequisite: Teacher approval required. A digital camera, flash drive, and summer workshop are encouraged but not required.
The purpose of this course is to enable students to develop skills in graphic design and other aspects of producing a yearbook. Students learn layout and design to create images and products that reflect knowledge of the elements of art and principles of design. Photography and writing of features, captions, and headlines are essential. This is a hands-on course. Students will be required to work individually and as part of a team and will need to participate in activities beyond the school day.

MATHEMATICS

1200310 ALGEBRA I GRADE 9
CREDIT = 1.0 FULL YEAR
Prerequisite: By Placement
This course is presented as an introduction to higher mathematics on the secondary level. The student studies sets, variables, structure and properties of the real number system, equations and inequalities, relations and functions, graphs, polynomials, factoring, radicals, and the quadratic equation. Students who fail Algebra I must repeat and pass the course at an accredited school prior to their sophomore year. See your Guidance Counselor for prior approval of course.

1200320 ALGEBRA I HONORS GRADE 9
CREDIT = 1.0 FULL YEAR
Prerequisite: By Placement
This course offers a rigorous and in-depth introduction to higher mathematics and is designed for students with well developed critical thinking skills and quick problem solving abilities. The student studies sets and number lines, numerals and variables, sentences, properties of operations, properties of order, subtraction and division of real numbers, complex fractions, factors, exponents, radicals, polynomials and rational expressions, graphs and open sentences in one and two variables, graphs and methods of solving of quadratic equations. Students who fail Algebra I must repeat and pass the course at an accredited school prior to their sophomore year. See your Guidance Counselor for prior approval of course.

1200330 ALGEBRA II GRADES 10
CREDIT = 1.0 FULL YEAR
Prerequisite: Algebra I
This course continues and extends the algebraic concepts and skills developed in Algebra I. Topics include an extensive study of linear equations; systems of linear equations in two variables; polynomials and factoring; complex numbers; fractional algebraic expressions and equations; rational exponents and radicals; solutions and graphs of quadratic equations; matrix operations; and polynomial, exponential, logarithmic functions.

1200340	<p>ALGEBRA II HONORS (WITH TRIGONOMETRY) CREDIT = 1.0</p> <p>Prerequisite: “B” in Algebra I Honors or “A” in Algebra I AND teacher approval. A placement test may be required by the Mathematics Department.</p> <p><i>Note: Students must have a TI-83 OR TI-84 graphing calculator.</i></p> <p>This course offers a more rigorous and in-depth approach to concepts and is designed for students with well developed critical thinking skills and quick problem solving abilities. Topics include an extensive study of linear equations; systems of linear equations in two variables; polynomials and factoring; complex numbers; fractional algebraic expressions and equations; rational exponents and radicals; solutions and graphs of quadratic equations; matrix operations; polynomial, exponential, logarithmic, trigonometric functions; and sequences and series. The technology of the graphing calculator will be an integral component of this course.</p>	<p>GRADES 9-10 FULL YEAR</p>
1206310	<p>GEOMETRY CREDIT = 1.0</p> <p>Prerequisite: Algebra II</p> <p>This course introduces vocabulary, concepts, theorems and postulates of Euclidian geometry. Students will develop problem-solving, thinking and reasoning skills through a variety of topics which include the study of angle relationships, points, parallel lines, quadrilaterals, initial postulates and theorems, special right triangles, congruent triangles, similar polygons, circles, construction, the concepts of area and volume, coordinate geometry, logic, and deductive reasoning. <u>Students who fail Geometry must repeat and pass the course at an accredited school prior to their senior year. See your Guidance Counselor for prior approval of course.</u></p>	<p>GRADES 10-11 FULL YEAR</p>
1206320	<p>GEOMETRY HONORS CREDIT = 1.0</p> <p>Prerequisite: “B” in Algebra II Honors or “A” in Algebra II AND teacher approval</p> <p>This course offers a more rigorous and in-depth study of Geometry with emphasis on methods of proof and the formal language of mathematics. It is designed for students who excel at mathematical problem solving. Content will include angle relationships, points, parallel lines, quadrilaterals, initial postulates and theorems, special right triangles, congruent triangles, similar polygons, circles, construction, the concepts of area and volume, coordinate geometry, logic, and deductive reasoning. <u>Students who fail Geometry must repeat and pass the course at an accredited school prior to their senior year. See your Guidance Counselor for prior approval of course.</u></p>	<p>GRADES 10-11 FULL YEAR</p>
1202340	<p>PRE-CALCULUS CREDIT = 1.0</p> <p>Prerequisite: “B” in Algebra II and Geometry AND teacher approval</p> <p><i>Note: Students must have a TI-83 OR TI-84 graphing calculator.</i></p> <p>This course is designed for the serious student who seeks to develop a solid foundation for the future study of Calculus. During the first semester, students will revisit concepts from Algebra II and extend their knowledge and skills in the areas of: the number system, nth degree polynomial functions, rational equations and inequalities, sequences and series, conic sections, and logarithms. The second semester will be devoted to the study of trigonometry and will include basic right triangle trigonometry, the unit circle, inverses, graphing trigonometric functions, trigonometric identities, solving trigonometric equations, and problem solving.</p>	<p>GRADE 12 FULL YEAR</p>

1202340H	<p>PRE-CALCULUS HONORS CREDIT = 1.0 Prerequisite: Algebra II Honors and teacher approval <i>Note: Students must have a TI-83 OR TI-84 graphing calculator.</i> This course offers rigorous and in-depth study of Pre-Calculus concepts and is well suited for students considering careers in science, engineering, and mathematics. Students will revisit concepts from Honors Algebra II and extend their knowledge and skills in the areas of: the number system, nth degree polynomial functions, rational equations and inequalities, sequences and series, conic sections, logarithms, and trigonometry. This course also delivers an introduction to Calculus topics such as limits and continuity, the first derivative, and graphical analysis.</p>	GRADES 11-12 FULL YEAR
1210300	<p>PROBABILITY AND STATISTICS WITH APPLICATION CREDIT = 1.0 Prerequisite: Completion of Algebra II <i>Note: Students must have a TI-83 OR TI-84 graphing calculator.</i> The purpose of this course is to enable students to explore the concepts of probability and elementary statistics. Topics will include random experiments, probability concepts, permutations, combinations, sample space, binomial distribution, concepts of descriptive statistics, measures of variability, normal distribution, and statistics applications.</p>	GRADES 11-12 FULL YEAR
1200700	<p>MATHEMATICS FOR COLLEGE READINESS CREDIT = 1.0 Prerequisite: Completion of Algebra II and Geometry <i>Note: Students must have a TI-83 OR TI-84 graphing calculator.</i> This course will strengthen and extend students' algebraic and critical thinking skills and provide the necessary foundation to succeed in courses at the College Algebra level. The major topics will include linear equations and inequalities, functions and graphs of straight lines, systems of equations in two variables with applications, exponents, polynomials, factoring, rational expressions, radicals, complex numbers and quadratic equations. In this course, students will enhance their problem-solving abilities and learn to communicate the concepts of algebra in both oral and written forms.</p>	GRADE 12 FULL YEAR
1202310	<p>ADVANCED PLACEMENT CALCULUS AB CREDIT = 1.0 Prerequisite: "B" in Pre-Calculus Honors or "A" in Algebra II Honors AND teacher approval <i>Note: Students must have a TI-83 OR TI-84 graphing calculator.</i> Calculus is the mathematics of change and motion. This rigorous course is designed for the student who possesses analytical thinking skills and seeks to pursue mathematical and/or scientific studies. The curriculum has been set by and approved by the College Board's Advanced Placement Program. Topics will include limits, differentiation and integration of polynomials, rational functions, trigonometric and inverse trigonometric functions, logarithmic and exponential functions with respective applications in problem solving. <i>Students are required to take the Advanced Placement examination in May, 2012 (fee approximately \$85).</i></p>	GRADES 11-12 FULL YEAR
1210320	<p>ADVANCED PLACEMENT STATISTICS CREDIT = 1.0 Prerequisite: "B" in Algebra II Honors AND teacher approval <i>Note: Students must have a TI-83 OR TI-84 graphing calculator.</i> <i>Students are required to take the Advanced Placement examination in May, 2012 (fee approximately \$85).</i> This rigorous course introduces students who possess the required mathematical maturity and quantitative reasoning ability to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Topics include: exploring data, describing patterns and departures from patterns, sampling and experimentation, anticipating patterns by exploring random phenomena, using probability and simulation, and statistical inference.</p>	GRADES 11-12 FULL YEAR

1202320	ADVANCED PLACEMENT CALCULUS BC CREDIT = 1.0 Prerequisite: "A" in Advanced Placement Calculus AB <i>Note: Students must have a TI-83 OR TI-84 graphing calculator.</i> In addition to expanding upon the topics from AP Calculus AB, this rigorous course also covers Euler's Method, L'Hopital's Rule, Partial Fractions, the Logistic Model, Infinite Series, Parametric Equations, and Polar Curves. The curriculum has been set by and approved by the College Board's Advanced Placement Program. Topics will include limits, differentiation and integration of polynomials, rational functions, trigonometric and inverse trigonometric functions, logarithmic and exponential functions with respective applications in problem solving. <i>Students are required to take the Advanced Placement examination in May, 2012 (fee approximately \$85).</i>	GRADE 12 FULL YEAR
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PHYSICAL EDUCATION

1501300	PERSONAL FITNESS CREDIT = 0.5 Prerequisite: Physical exam required of all students entering SPCHS. This course will enable students to develop an individual optimal level of physical fitness, acquire knowledge of fitness concepts, and gain an understanding of the significance of lifestyle on one's overall health. Content includes current fundamental topics of health-related fitness, nutrition, and stress-management.	GRADES 9-10 SEMESTER
1502470	RECREATIONAL ACTIVITIES I CREDIT = 0.5 In this course students will participate in a wide variety of recreational activities. Emphasis will be placed on learning the skills, rules, and strategies of games so the students will continue to benefit from a lifelong involvement in physical activity. Games will include, but not be limited to, volleyball, cricket, badminton, ping-pong, and bowling.	GRADES 10-12 SEMESTER
1502470	RECREATIONAL ACTIVITIES II CREDIT = 0.5 This course is a continuation of Recreational Activities I.	GRADES 10-12 SEMESTER
1503350	TEAM SPORTS I CREDIT = 0.5 This course will provide students with the opportunity to acquire knowledge of strategies of team sports play, to develop skills in selected team sports, and to maintain and /or improve personal fitness. Activities will include: basketball, flag football, soccer, softball, volleyball, and other sports. This class includes developing individual skill drills and learning team concepts.	GRADES 9-12 SEMESTER
1503360	TEAM SPORTS II CREDIT = 0.5 This course is a continuation of Team Sports I.	GRADES 10-12 SEMESTER
1501340	BEGINNING WEIGHT TRAINING CREDIT = 0.5 This course will provide students with opportunities to acquire basic knowledge and skills in weight training that may be used in physical fitness pursuits today as well as later in life, to improve muscular strength and endurance, and to enhance body image. The content will include muscular strength and endurance, knowledge of health problems, knowledge of skeletal muscles, knowledge of sound nutrition, and knowledge of safety issues related to weight training.	GRADES 10-12 SEMESTER

1501350	INTERMEDIATE WEIGHT TRAINING CREDIT = 0.5 The purpose of this course is to extend the acquisition of knowledge and the development of skills in weight training for current and future physical fitness pursuits, to further improve muscular strength and endurance, and to further enhance body image. The content will include reinforcement of basic weight-training knowledge, safety practices, and expansion of weight-training programs.	GRADES 11-12 SEMESTER
1501360	ADVANCED WEIGHT TRAINING CREDIT = 0.5 This course is an extension of the knowledge and skills developed in the beginning and intermediate courses.	GRADES 11-12 SEMESTER

SCIENCE

2000310	BIOLOGY CREDIT = 1.0 Prerequisite: By Placement This is an introductory course in biological sciences. Topics include, but are not limited to: the scientific method, cell and molecular biology, the human body, genetics, biological changes over time, taxonomy, microbiology, a survey of the animal kingdom, ecology, and environmental biology. The development and demonstration of good laboratory techniques are important aspects of this course. Students will complete one independent project per semester.	GRADE 9 FULL YEAR
2000320	BIOLOGY HONORS CREDIT = 1.0 Prerequisite: By Placement Geared toward the honors student, this course will challenge students with advanced exploratory experiences and activities in the fundamental concepts of life. In addition to covering all facets of introductory biological science in lecture, discussion and laboratory, the course also includes microbiology technique, dissection, article reviews, assignments on various topics and issues, and book reports throughout the year. The development and demonstration of good laboratory techniques are important aspects of this course.	GRADE 9 FULL YEAR
2000340	ADVANCED PLACEMENT BIOLOGY CREDIT = 1.0 Prerequisite: "B" in Biology 1 Honors and department approval. This course offers the opportunity to earn college credit through a closer examination of the Biological Sciences beyond that of the regular course. Topics include, but are not limited to: cell structure, biomolecules, homeostasis/diffusion, photosynthesis/respiration, genetics, molecular biology, plant growth, structure, and regulation, invertebrates, animal development and human anatomy/physiology. Lab work is an integral component of this course. Students may be required to participate in labs after the last period of the day (with prior notice). <i>Students are required to take the Advanced Placement examination in May, 2012 (fee approximately \$85).</i>	GRADES 10-12 FULL YEAR
2003340	CHEMISTRY CREDIT = 1.0 Prerequisite: Biology and Algebra I. Chemistry is the study of matter. Students are introduced to chemistry, including chemical formulas and equation, atomic and molecular structure, equilibria, and gases. Basic laboratory experiments are done or observed.	GRADES 10-12 FULL YEAR

- 2003350 CHEMISTRY HONORS GRADES 10-12**
CREDIT = 1.0 FULL YEAR
Prerequisite: Biology I Honors with “B” average, or Biology I with “A” average AND teacher approval
Corequisite: Algebra 2 Honors
 The purpose of this course is to provide students with a rigorous study of the composition, properties, and changes associated with matter. Content will include heat, changes in matter, atomic structure, the periodic table, bonding, formulae and equations, mole concept, gas laws, energy and order, reaction rates and equilibrium, solutions, acids, bases, and salts.
- 2003370 ADVANCED PLACEMENT CHEMISTRY GRADES 11-12**
CREDIT = 1.0 FULL YEAR
Prerequisite: Chemistry Honors and teacher approval. A placement test may be required at the discretion of the science department.
 This course provides students the opportunity to earn college credit through a detailed examination of the Chemical Sciences beyond that of the regular or honors courses. Students will focus their learning on the fundamental laws and theories of chemistry and will complete related laboratory experiments. The course is designed for students wishing to major in science. *Students are required to take the Advanced Placement examination in May, 2012 (fee approximately \$85).*
- 2003380 PHYSICS GRADES 11-12**
CREDIT = 1.0 FULL YEAR
Prerequisites: “C” in Algebra 2 and Chemistry
 Physics offers an introduction to the interactions of matter, energy, forces, and the physical laws of the universe. Topics to be covered include: measurement and analysis, kinematics, vector algebra, Newton’s Laws of motion, linear momentum, work and energy, fluid mechanics, gravitation, wave mechanics, and electrostatics. Mathematical processes include algebra and trigonometry. Students will be required to participate in laboratory experimentation and analysis and to complete one project per semester.
- 2003390 PHYSICS HONORS GRADES 11-12**
CREDIT = 1.0 FULL YEAR
Prerequisites: “B” in Algebra 2 Honors and Chemistry Honors AND teacher approval
 Physics Honors presents a more rigorous study of the interactions of matter, energy, forces, and the physical laws of the universe. Topics to be covered include: measurement and analysis, kinematics, vector algebra, Newton’s Laws of motion, linear momentum, work and energy, fluid mechanics, circular motion and gravitation, wave mechanics, and electrostatics. Mathematical processes include algebra and trigonometry. Students will be required to participate in laboratory experimentation and analysis and to complete one project per semester.
- 2003430 ADVANCED PLACEMENT PHYSICS - C GRADE 12**
CREDIT = 1.0 FULL YEAR
Prerequisites: “A” in Physics Honors and “B” in AP Calculus
Corequisite: AP Calculus unless previously completed
 This course provides students the opportunity to earn college credit through a detailed examination of physics beyond that of the regular or honors course. Topics to be covered include: kinematics; Newton’s Laws of motion; work, energy and power; systems of particles and linear momentum; circular motion and rotation; and oscillations and gravitation. Students will participate in labs in conjunction with the course material and will be required to complete a lab notebook. Mathematical processes will include integral and differential calculus. *Students are required to take the Advanced Placement examination in May, 2012 (fee approximately \$85).*

2001310	EARTH AND SPACE SCIENCE CREDIT = 1.0 Prerequisite: Completion of Biology 1 Earth and Space Science is a course focusing on the study of the earth's layers, atmosphere, hydrosphere, and the structure and scale of the Universe. Students analyze and describe Earth's interconnected systems and examine how Earth's materials, landforms, and continents are modified across geological time. Through laboratory and field investigations, students understand the history and development of the Earth and space sciences, explore the uses of Earth and space science in various careers, and investigate Earth and space science problems concerning personal needs and community issues related to science.	GRADES 10-11 FULL YEAR
2002500	MARINE SCIENCE CREDIT = 1.0 Prerequisite: Completion of Biology 1 Marine Science is a multi-disciplinary field, which includes: marine chemistry, geology, physical oceanography, marine ecology, marine biology and atmospheric studies. Student success is dependent on a basic understanding of the principles in marine science and their influence on one another. Mathematics will often be integrated into this subject. However, it will not be beyond level of application.	GRADES 11-12 FULL YEAR

MEDICAL PREPARATORY PROGRAM

2000350	ANATOMY AND PHYSIOLOGY CREDIT = 1.0 Prerequisite: "B" in Biology The purpose of this course is to enable students to develop an understanding of the relationships between the structures and functions of the human body. Students will explore the body through case studies, laboratory investigations, models, and diagrams. Topics will include, but not be limited to: use of laboratory technologies, terminology, cells and tissues, homeostasis, and body structure and function.	GRADES 11-12 FULL YEAR
2002480	FORENSIC SCIENCE CREDIT = 0.5 Prerequisite: "B" in Biology and/or teacher approval <i>Note: This course is a Science elective taken in addition to the required credits.</i> This course involves the study and application of science in the processes of collection, examination, observation, evaluation, and interpretation. Students will become familiar with the principles and uses of forensic science from historical and fundamental perspectives. Students will apply basic skills in biology and physical science.	GRADES 11-12 SEMESTER
2000000	INTRODUCTION TO THE MEDICAL PROFESSION CREDIT = 1.0 Prerequisite: "B" in Biology <i>Note: This course is a Science elective taken in addition to the required credits.</i> This course is designed to orient the student who has an interest in the field of medicine to the profession and to the many areas and specialties it encompasses. The class will be taught by a wide variety of local Catholic physicians under the direction of a member of the school's science department. It will include topics such as Judeo-Christian ethics as applied to the field of medicine and its many specialties. Students will have clinical opportunities and volunteer at a medical facility.	GRADE 12 FULL YEAR

8417171	MEDICAL SKILLS CREDIT = 0.5 Prerequisite: “B” in Biology <i>Note: This course is a Science elective taken in addition to the required credits.</i> This course is designed to orient the student who has a serious interest in the medical field. It is a ‘first responder’ class that includes topics such as emergency medicine, medical terminology, and basic medical procedures.	GRADES 11-12 SEMESTER
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SOCIAL STUDIES

2104320	GLOBAL STUDIES CREDIT = 1.0 Prerequisite: None The purpose of this course is to acquire an understanding of the interrelationships between people and their environment while providing students with interdisciplinary knowledge, skills, and resources necessary to meet their responsibilities as citizens of their community, state, and nation. This process prepares them to live in an increasingly interdependent and complex global society. The content may include, but is not limited to: the relationship between physical geography, natural resources, and the economic, political, social, cultural, religious, and historic and contemporary aspects of human activity including genocide and terrorism. These concepts will be applied to the study of numerous regions including, Europe, Africa, and the Middle East.	GRADE 9 FULL YEAR
2109310	WORLD HISTORY CREDIT = 1.0 Prerequisite: Completion of Global Studies This course is a broad survey of the major civilizations throughout world history from ancient civilizations to the 21 st Century. Special emphasis is given to the historical development of religion, philosophy, technology, and the arts. A focus will also be placed upon the geography, economy, government and society of these eras.	GRADE 10 FULL YEAR
2109320	WORLD HISTORY HONORS CREDIT = 1.0 Prerequisite: “A” as the yearly average in Global Studies AND the recommendation of the classroom instructor AND the approval of the Social Studies Department Chairperson. <i>Special Note: Conduct grades of “S” or “O” throughout the previous four quarters is an absolute requirement.</i> The purpose of this course is to provide the opportunity to acquire a comprehensive understanding of the past in terms of what has been interpreted about the development of humanity. This is done by analyzing the political, economic, social, religious, military, dynastic, scientific, and cultural events that have shaped and molded humanity. Implicit in this is an understanding of the historical method, the inquiry process, historical reasoning and interpretation and the issues of external and internal validity. Appropriate concepts and skills will be developed in connection with the content that follows. Content includes geo-historic development in time/space, comparative views of history, the origin and development of contrasting political theories and philosophies, the roles of science and technology as a social catalyst, nationalism as a cohesive force in history, the diversity of economic thought and practices in the world, an analysis of the influence of major figures and events and interpretations concerning the historical development of our present world order.	GRADE 10 FULL YEAR
2100310	AMERICAN HISTORY CREDIT = 1.0 Prerequisite: Global Studies and World History This course enables the student to achieve an understanding and appreciation of the historical background of the United States and its relationship to other nations of the world. Students learn about the Constitution, their basic rights, and the development of the federal system, as well as chronological events from exploration to the 20th century.	GRADE 11 FULL YEAR

- 2100320 AMERICAN HISTORY HONORS CREDIT = 1.0 GRADE 11 FULL YEAR**
Prerequisite: "A" as the yearly average in World History or World History Honors AND the recommendation of the classroom instructor AND the approval of the Social Studies Department Chairperson.
Special Note: Conduct grades of "S" or "O" throughout the previous four quarters is an absolute requirement.
 This course enables the student to achieve an understanding and appreciation of the historical background of the United States and its relationship to other nations of the world with additional readings and a greater depth of study.
- 2100330 ADVANCED PLACEMENT UNITED STATES HISTORY CREDIT = 1.0 GRADE 11 FULL YEAR**
Prerequisite: "A" as the yearly average in World History or World History Honors AND the recommendation of the classroom instructor AND the approval of the Social Studies Department Chairperson.
Special Note: Conduct grades of "S" or "O" throughout the previous four quarters is an absolute requirement.
 This course challenges the student who is academically capable in concepts of American History. It will cover exploration and colonization of America, the American Revolution and the Confederation period, Jeffersonian Democracy, the Jacksonian Era, western expansion and the growth of slavery and Civil War Reconstruction, industrialization and urbanization of America, the Progressive ERA, World War I and II, the Great Depression, and New Deal, the Cold War years and the Korean and Viet Nam wars, 1970's & 1980's. This course has a **SUMMER READING LIST**. Students must be prepared to report details of these readings by the beginning of the school year. *Students are required to take the Advanced Placement examination in May, 2012 (fee approximately \$85).*
- 2106310 AMERICAN GOVERNMENT CREDIT = 0.5 GRADE 12 SEMESTER 2**
Prerequisite: Global Studies, World History, and American History
 Students will be provided with an opportunity to acquire an understanding of American Government and political behavior. Content will include: an analysis of those documents which shape our political traditions, a comparison of the roles of three branches of government at the local, state, and national levels, the role of political parties, special interest groups, and the rights and responsibilities of citizens.
- 2106320 AMERICAN GOVERNMENT HONORS CREDIT = 0.5 GRADE 12 SEMESTER 2**
Prerequisite: "A" as the yearly average in American History or American History Honors AND the recommendation of the classroom instructor AND the approval of the Social Studies Department Chairperson.
Special Note: Conduct grades of "S" or "O" throughout the previous four quarters is an absolute requirement.
 This instructional program enhances students' understanding of the institutions of American constitutional democracy through the consistent use of critical thinking and primary document analysis. At the same time, students discover the contemporary relevance of the Constitution and the Bill of Rights. Students demonstrate their knowledge and understanding of constitutional principles and have opportunities to evaluate positions on relevant historical and contemporary issues.

- 2106420** **ADVANCED PLACEMENT U. S. GOVERNMENT AND POLITICS** **GRADE 12**
CREDIT = 0.5 **SEMESTER 2**
Prerequisite: “A” as the yearly average in American History or American History Honors AND the recommendation of the classroom instructor AND the approval of the Social Studies Department Chairperson.
Special Note: Conduct grades of “S” or “O” throughout the previous four quarters is an absolute requirement.
This course is an extended and in-depth study of the workings of our federal system of government. Focus is placed on the conception of the U.S. Constitution as well as the debate between the Federalists and the Anti-Federalists. Further emphasis is placed on the functions of the three branches of government as well as the system of checks and balances. Students will study the strategies of presidential and congressional campaigns and the role of the media in them. Specific attention will be paid to the shaping of the U.S. foreign and domestic policy from 1789 to the present. Students will be expected to exercise critical thinking, analytical thinking, and writing skills. *Students are required to take the Advanced Placement examination in May, 2012 (fee approximately \$85).*
- 2102310** **ECONOMICS** **GRADE 12**
CREDIT = 0.5 **SEMESTER 1**
Prerequisite: American History
The purpose of Economics is to provide the student with the opportunity to acquire an understanding of the way in which society organizes its limited resources to satisfy unlimited wants. The student will be introduced to the major characteristics of the mixed market economic system in the United States and how the basic economic questions are answered.
- 2102320** **ECONOMICS HONORS** **GRADE 12**
CREDIT = 0.5 **SEMESTER 1**
Prerequisite: “A” as the yearly average in American History or American History Honors AND the recommendation of the classroom instructor AND the approval of the Social Studies Department Chairperson.
Special Note: Conduct grades of “S” or “O” throughout the previous four quarters is an absolute requirement.
The goal of this course is to provide students with the knowledge and understanding of concepts essential for measuring and explaining economic performance. Students will demonstrate economic dimensions of historical and contemporary issues. Students will apply research, study, critical thinking and decision making skills and demonstrate the use of new and emerging technology in problem solving.
- 2107300** **PSYCHOLOGY** **GRADES 11-12**
CREDIT = 0.5 **SEMESTER**
Prerequisite: None
Note: This course is a Social Studies elective taken in addition to the required credits.
This course will provide students with the opportunity to acquire an understanding of human behavior, behavioral interaction, and the progressive development of individuals. Content will include: the methods used by psychologists, human growth and development, self-concept development, adjustment, motivation, intelligence, conditioning and learning, memory, personality, abnormal behavior, stress, and mental health and therapy.

2108300	SOCIOLOGY CREDIT = 0.5 Prerequisite: None <i>Note: This course is a Social Studies elective taken in addition to the required credits.</i> This course will give students an understanding of group interaction and behavior and its effects on individuals. Content will include: the methods of study used by sociologists, social institutions and norms, social classes, relations between the sexes, racial and ethnic groups, the handicapped, social determinants, group behavior, the socialization process, social deviance, social conflict, social roles, social stratification, and the role of social institutions and organizations.	GRADES 11-12 SEMESTER
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WORLD LANGUAGES

0706300	LATIN I CREDIT = 1.0 Prerequisite: By Placement <i>Note: Students need a good understanding of English grammar.</i> This course introduces students to fundamental Latin vocabulary and grammar and to classical culture. Students will learn the culture and history of Ancient Rome, and vocabulary and grammar of Latin. Students will develop writing, translating, and listening skills.	GRADES 9-12 FULL YEAR
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0706300H	LATIN I HONORS CREDIT = 1.0 Prerequisite: By Placement <i>Note: Students need a strong understanding of English grammar.</i> This course is more rigorous than Latin I. Students with some previous foreign language background and/or those who have shown above-average language arts abilities will be placed in Latin I Honors.	GRADES 9-12 FULL YEAR
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0706310	LATIN II CREDIT = 1.0 Prerequisite: Latin I This course provides an intense study of the Latin language and Roman history and culture. Students will read the writings of Latin authors and study the origins of English words. Students will reinforce skills previously acquired and develop increased listening, translating, reading and writing skills as well as expanded knowledge of Roman culture.	GRADES 10-12 FULL YEAR
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0706310H	LATIN II HONORS CREDIT = 1.0 Prerequisite: Latin I Honors with “B” average, or Latin I with “A” average AND teacher approval This course is faster-paced and more rigorous than Latin II and enables students to enhance proficiency in Latin at a more advanced and in-depth level, expanding on the basic Latin II curriculum.	GRADES 10-12 FULL YEAR
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0706320	LATIN III CREDIT = 1.0 Prerequisite: Latin II Students further enhance their proficiency in the foundations of Latin vocabulary and grammar as they continue to develop listening, translating, reading and writing skills, and to expand their knowledge of classical culture. Along with a thorough review of grammar patterns from Latin I and II, students will read the writings of a variety of authors.	GRADES 11-12 FULL YEAR
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0706320H	LATIN III HONORS CREDIT = 1.0 Prerequisite: Latin II Honors with “B” average, or Latin II with “A” average AND teacher approval This course is faster-paced and more rigorous than Latin III and enables students to enhance proficiency in Latin at a more advanced and in-depth level, expanding on the basic Latin III curriculum. Students will read the writings of Julius Caesar and Livy, along with other authors. Grammar topics include introduction to the subjunctive mood.	GRADES 11-12 FULL YEAR
0706330H	LATIN IV HONORS CREDIT = 1.0 Prerequisite: Latin III Honors with “B” average, or Latin III with “A” average The purpose of this course is to continue student proficiency in Latin. Students will read, translate, understand, analyze and interpret various works of Latin literature written by the major Roman authors of the Classical Period.	GRADE 12 FULL YEAR
0708340	SPANISH I CREDIT = 1.0 Prerequisite: By Placement The purpose of this course is to introduce students to the Spanish language and the many cultures found throughout the Spanish-speaking world. Through a linguistic, communicative and cultural approach to language learning, this course will help students appreciate and function in an increasingly global society. Students will begin to develop communication skills through speaking, listening, writing, and reading. Basic vocabulary and grammar will be learned. There is an emphasis on real-life applications throughout the course with attention given to different learning styles through a variety of assessment strategies.	GRADES 9-11 FULL YEAR
0708340H	SPANISH I HONORS CREDIT = 1.0 Prerequisite: By Placement This course is faster-paced and more rigorous than Spanish I. Students with some previous foreign language background and/or those who have shown above-average language arts abilities will be placed in Spanish I Honors. In addition, a supplemental reader will be used during the second semester for increased cultural understanding and reading skills.	GRADES 9-11 FULL YEAR
0708350	SPANISH II CREDIT = 1.0 Prerequisite: Spanish I This course is a continuation of Spanish I. There is an increased emphasis on speaking and writing. Students are expected to express themselves in a variety of situations in the target language. Vocabulary and grammar are expanded as well. There is an emphasis on real-life applications throughout the course with attention given to different learning styles through a variety of assessment strategies.	GRADES 9-12 FULL YEAR
0708350H	SPANISH II HONORS CREDIT = 1.0 Prerequisite: Spanish I Honors with “B” average, or Spanish I with “A” average AND teacher approval This course is faster-paced and more rigorous than Spanish II and enables students to enhance proficiency in Spanish at a more advanced and in-depth level, expanding on the basic Spanish II curriculum.	GRADES 9-12 FULL YEAR

0708360	SPANISH III CREDIT = 1.0 Prerequisite: “C” or better in Semester 2 of Spanish II The purpose of this course is to further students’ abilities to communicate in Spanish while gaining an in-depth knowledge of the differences and similarities between the various areas of the Spanish-speaking world. Students will learn the history, culture, and geography of each area along with vocabulary specific to that region. All levels of communication - speaking, listening, writing, and reading – are strengthened. Vocabulary and grammar are expanded and include the subjunctive mood, with a strong review of a wide range of grammar topics from Spanish I and II. Authentic materials (film, music, video, etc.) are used extensively. There is an emphasis on using language in real-life situations throughout the course with attention given to different learning styles through a variety of assessment strategies.	GRADES 10-12 FULL YEAR
0708360H	SPANISH III HONORS CREDIT = 1.0 Prerequisite: Spanish II Honors with “B” average, or Spanish II with “A” average AND teacher approval This course is faster-paced and more rigorous than Spanish III, with greater emphasis on written compositions and oral presentations. This course is conducted primarily in Spanish. Experiences with Spanish literature are broadened through exposure to authentic and current media sources.	GRADES 10-12 FULL YEAR
0708400	ADVANCED PLACEMENT SPANISH LANGUAGE CREDIT = 1.0 Prerequisite: Spanish III Honors with “A” average and teacher approval The purpose of this course is to increase proficiency in all communication skills-listening, speaking, reading and writing-through the use of selected authentic literature readings and audio/video sources. There is a strong emphasis on improving and perfecting writing skills through compositions and verbal linguistic abilities through oral presentations. Students will thoroughly prepare for the Advanced Placement Spanish Language examination, strengthening skills used in the exam. <i>Students are required to take the Advanced Placement examination in May, 2012 (fee approximately \$85).</i>	GRADES 11-12 FULL YEAR
SPN1120	ELEMENTARY SPANISH I (DUAL ENROLLMENT) CREDIT = 1.0 Pre-requisite: Spanish I, II, and III, or 3 years of study in a different language and department placement. Also, students must have a minimum 3.0 unweighted GPA, apply and be admitted to St. Petersburg College, and either pass the CPT (college placement test) or have acceptable scores on the SAT or ACT. This course is the equivalent of the first semester of a first-year college Spanish course. There is a fast-paced yet thorough exposure to grammar topics and vocabulary themes typically covered in the first and second year of high school language study. Students use all communications skills – speaking, listening, writing, and reading – through a variety of assessment strategies. There is an emphasis on real-life applications throughout the course with attention given to different learning styles. Students are required to enroll in both semesters of Elementary Spanish.	GRADES 11-12 SEMESTER 1
SPN1121	ELEMENTARY SPANISH II (DUAL ENROLLMENT) CREDIT = 1.0 Pre-requisite: Elementary Spanish 1. This course is the equivalent of the second semester of a first-year college Spanish course. There is a fast-paced yet thorough exposure to grammar topics and vocabulary themes typically covered in the second and third year of high school language study. Students use all communications skills – speaking, listening, writing, and reading – through a variety of assessment strategies. There is an emphasis on real-life applications throughout the course with attention given to different learning styles. This course is conducted primarily in Spanish. Students are required to enroll in both semesters of Elementary Spanish. Students who successfully complete this course are expected to be able to continue their study of Spanish in a second-year college Spanish course.	GRADES 11-12 SEMESTER 2

SPN2200	INTERMEDIATE SPANISH I (DUAL ENROLLMENT) CREDIT = 0.5 Pre-requisite: Spanish I, II and III Honors, or 3 years of study in a different language and department placement. Also, students must have a minimum 3.0 unweighted GPA, apply and be admitted to St. Petersburg College, and either pass the CPT (college placement test) or have acceptable scores on the SAT or ACT. This course is the equivalent of the first semester of a second-year college Spanish course. Students will develop advanced skills in speaking, reading and writing using selected readings from authentic sources. This course provides a sampling of Spanish and Spanish-American literary works of fiction, essays, and poetry. There are expanded opportunities for self-expression in class discussions and written compositions. This course is conducted in Spanish. Students are required to enroll in both semesters of Intermediate Spanish.	GRADES 11-12 SEMESTER 1
SPN2201	INTERMEDIATE SPANISH II (DUAL ENROLLMENT) CREDIT = 0.5 Pre-requisite: Intermediate Spanish 1 This course is the equivalent of the second semester of a second-year college Spanish course. Students will continue to develop advanced skills in speaking, reading and writing using selected readings from authentic sources. This course provides students exposure to a sampling of Spanish and Spanish-American literary works of fiction, essays, and poetry. There are expanded opportunities for self-expression in class discussions and written compositions. This course is conducted in Spanish. Students are required to enroll in both semesters of Intermediate Spanish. Students who successfully complete this course are expected to be able to continue their study of Spanish in a third-year college Spanish course.	GRADES 11-12 SEMESTER 2

ADDITIONAL COURSES – BY PLACEMENT ONLY

1200400	INTENSIVE MATH CREDIT = 1.0 The purpose of this course is to provide an improved mathematical foundation upon which higher level courses will build. Topics will vary depending on the students and their individual needs. This course may be repeated once for credit. This is an elective course and does not meet the graduation requirement for Mathematics.	GRADE 9 FULL YEAR
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