

# *Springfield Catholic High School*



## *Course Descriptions*

# ***SPRINGFIELD CATHOLIC HIGH SCHOOL SELECTION OF STUDIES HANDBOOK***

Springfield Catholic High School challenges its students to grow in faith, to prepare to become responsible members of a global community, and to acquire the skills and knowledge necessary to continue to higher education. The curriculum has been carefully designed to challenge, direct, and encourage within the context of a caring Christian community. The academic program consists of core courses required of all and a variety of electives from which students may choose based upon their individual talents, interests, and goals for the future.

The process of scheduling classes is one of the most important things you and your child will do over the next four years. When making out your child's schedule carefully consider all of the course options available and assist your child in making choices that are best for them. Feel free to contact me at [jsamsinak@scspk12.org](mailto:jsamsinak@scspk12.org) or at (417) 887-8817 to discuss this important decision.

Sincerely,

***Jodi Samsinak***

Jodi Samsinak  
Academic Advisor  
Springfield Catholic High School

## Graduation Requirements

COURSES	REQUIRED CREDITS
Theology	4
English	4
Social Studies	4
Math (Algebra I or higher)	3
Science	3
Foreign Language	0
Speech	½
Physical Education	1
Health	½
Personal Finance	½
Fine arts	1
Computer Applications	½
Electives	10
<b>Total</b>	<b>32</b>

## College Prep Recommendations

Religion	4 Units
English	4 Units
Social Studies	4 Units
Math	3-4 Units
Science	3-4 Units
Foreign Language	2-4 Units
Speech	½ Unit
Health	½ Unit
Physical Education	1 Unit
Fine Arts	1 Unit
Practical Arts	1 Unit

## Technical Prep/Work Recommendations

Religion	4 Units
English	4 Units
Social Studies	4 Units
Math	2-3 Units
Science	3 Units
Speech	½ Unit
Health	½ Unit
Physical Education	1 Unit
Fine Arts	1 Unit
Practical Arts	1 Unit

## Grading Scale

Grade	Percent	Point Value	Grade	Percent	Point Value
A	100-94	4	C	83-78	2.0
A-	93	3.7	C-	77	1.7
B+	92	3.3	D+	76	1.3
B	91-86	3.0	D	75-71	1
B-	85	2.7	D-	70	.7
C+	84	2.3	F	Below 70	0.0

## Course Level Descriptions

**Advanced Placement:** Advanced placement students are offered the opportunity to engage in college level study in several disciplines as part of the College Board's Advanced Placement program. In order to enroll, students must demonstrate superior aptitude and achievement and a willingness to commit to considerable independent study. *Admission to these courses is selective; students must have qualifying test scores and have experienced significant academic success in preceding courses.*

**Weighted Courses:** Weighted courses are designed to challenge students who have demonstrated a high level of academic aptitude and achievement. Students should be willing to commit to considerable independent study.

## Course Weights

Weighted courses and Advanced Placement courses are given additional weights to determine grade point averages. Advanced Placement Courses will receive 1 extra grade point. Weighted courses will receive .70 extra grade points.

<b>Weighted Courses .70 extra grade points</b>	<b>Advanced Placement Courses 1 extra grade points</b>
Pre Calculus (wg) College Algebra (wg) Chemistry (wg) Biology II (wg) Physics (wg) French III (wg) Spanish III (wg) Art III (wg) Art IV (wg)	English III AP English IV AP US History AP Psychology AP Human Geography AP Calculus AP Biology AP Chemistry AP Spanish IV AP French IV AP Computer Science AP Music Theory AP Environmental Science AP

## Course Listings

This catalog provides information about all course offerings. Students should read this information very carefully before meeting with their academic advisor.

### THEOLOGY

#### *0100 Catholic Christianity*

**Required**                      **Semester 1**                      **½ Credit**                      **Grade 9**

Faith development and religious study at the ninth grade level is designed to help ninth grade students focus on the gift of their present identity as high school students and from this perspective, examine the faith that has been handed to them by their parents and continue the process of discerning the faith that will be theirs. The starting point of this course is the life experience of the student as such issues as sexuality, cultural influences and values, moral decision making, and a general overview of faith and religion are explored. After this initial exploration, the basic beliefs and practices of the Catholic faith are examined with an emphasis on Catholic Christian spirituality, an introduction to Christian morality, social justice, the sacraments, and the liturgical year.

#### *0100 Hebrew Scripture*

**Required**                      **Semester 2**                      **½ Credit**                      **Grade 9**

Faith development and religious study in the second semester of the ninth grade year is designed to help the student appreciate the links between Judaism and Christianity. The stories of Hebrew Scriptures tell the faith story of the Jewish people and prepare the students to understand the Jewishness of Jesus. This course is a comprehensive overview of the books of the Hebrew Scriptures. The theme of the covenant between Yahweh and the Hebrew people unfolds as the students work through the forty-six books that comprise the Hebrew Scriptures. In the Hebrew Scriptures, the students can see God's faithful love working in the lives of fallible, scared, courageous and sometimes humorous human beings; therefore, the faith, hope, and love of the students can be nourished.

#### *0200 Christian Testament*

**Required**                      **Year**                      **1 Credit**                      **Grade 10**

This course is a study of the life, ministry, message, and meaning of Jesus of Nazareth. By studying the Christian Testament (the Gospels and their development, the Acts of the Apostles, the life and ministry of St. Paul, and the Book of Revelation), students will gain a more clear understanding of who Jesus is and what the early Christian Church taught about him. This course encourages students to realize and understand how the message of Jesus impacts their own lives.

### **0300 Catholic Church History**

**Required**                      **Year**                                      **1 Credit**                                      **Grade 11**

Faith development and religious study at the eleventh grade level is designed to help eleventh grade students know Jesus Christ through his people, the Church, and to recognize the ongoing presence and action of God’s spirit throughout the Church’s history as we study the Church’s Tradition. Relevant faith ancestors, important historical developments, sacramental history, contemporary church issues, social justice teaching of the Church, and major Church documents and councils are explored throughout the course. It is designed to help those who are Catholic deepen their sense of identity as Catholic Christians and to inform all students, whether Catholic or from another faith tradition, about the rich history we share with one another. This course is presented in the spirit of dialogue and all students are encouraged to ask questions and share their faith stories and experiences.

### **0400 Christian Morality**

**Required**                      **Semester**                                      **½ Credit**                                      **Grade 12**

The first semester of senior year students will be exposed to reading material, participate in discussion and other activities to expand their understanding of Personal Faith and Christian Morality. Many activities will be reflective in nature, encouraging an in-depth consideration of the questions, “What kind of person am I becoming?” and “What kind of person do I want to become?” All activities will emphasize participation while allowing for subjective reflection.

### **0400 Christian Lifestyles & Social Issues**

**Required**                      **Semester**                                      **½ Credit**                                      **Grade 12**

The second semester of senior year will help students to understand and learn to cope with the challenges, opportunities and tasks that they will be faced with in young adulthood. We will discuss these in the light of the Gospels and the Christian tradition. As a person better understands oneself and one’s self-worth, that person will more deeply realize the presence of God’s love in that person’s life. This understanding will empower a person to love more fully and seek peace and justice as a part of one’s lifestyle

## **ENGLISH**

### **1100 English I**

**Required**                      **Year**                                      **1 credit**                                      **Grade 9**

English I is a survey class that introduces students to a variety of literary genres – poetry, short story, and novel. This class develops students’ writing skills through completion of different writing tasks. Students in this class also work to improve reading, grammar, and vocabulary skills. Students will read novels such as: *The Outsiders*, *The House on Mango Street*, *To Kill a Mockingbird*, *Dandelion Wine*, *Romeo and Juliet*, *The Secret Life of Bees* and *The Catcher in the Rye*. The second semester will include a unit on music as literature.

### ***1200 English II***

**Required**                      **Year**                                      **1 Credit**                                      **Grade 10**

English II is dedicated to the study of American Literature. Students will explore the historical context, literary technique, and modern implications of a variety of novels, short stories, poems, and plays. Assessment methods include traditional tests, academic essays and papers, journal responses, and creative projects. A strong emphasis is placed on the writing process and critical thinking strategies.

### ***1300 English III***

**Required**                      **Year**                                      **1 Credit**                                      **Grade 11**

English III introduces students to British Literature, beginning with the Dark Ages of *Beowulf* and ending in the 21<sup>st</sup> century with a variety of modern texts. Students read, study, and critically write about British authors and their works. Literary genres include the epic, novel, poetry, short story, and essay.

### ***1305 English III AP***

**Elective**                      **Year**                                      **1 Credit**                                      **Grade 11**

This class is a college-level course. English III AP students read, study, and write about both British and American Literature. Students closely read and critically assess poems, short stories, novels, plays, etc., learn the literary concepts applicable to specific genres, and critically apply these concepts in well constructed essays. This class emphasizes both critical reading skills and effective writing skills. At the end of the year students have the opportunity to take the AP Literature and Language test.

***Prerequisites: See AP Guidelines.***

### ***1400 English IV***

**Required**                      **Year**                                      **1 Credit**                                      **Grade 12**

This class introduces students to World Literature. Through readings of both a world literature text and carefully selected novels, students explore global practices and beliefs, both past and present. Students also participate in a variety of writing and research projects that prepare them for a world beyond high school.

### ***1405 English IV AP***

**Elective**                      **Year**                                      **1 Credit**                                      **Grade 12**

**Semester 1**-- This class doubles as a Dual Credit Writing I, English 110 class with Missouri State University. Its guidelines thus follow the prerequisites established by the English Department at MSU. Students will learn how to research and write essays based within a variety of contexts--personal narrative, causal, descriptive, position, etc. Students who register for and successfully complete English 110 will earn three hours of college credit with MSU.

**Semester 2**--This class doubles as a Dual Credit Writing II, English 210 class with Missouri State University. Its guidelines thus follow the prerequisites established by the English Department at MSU. Students will expand upon the skills learned in English I. They will learn to proficiently read, research, and write within a variety of disciplines. Students who register for and successfully complete English

210 will earn three hours of college credit with MSU. *Prerequisites: Successful completion of English III AP and AP Guidelines.*

## LANGUAGE ARTS

*Note : Language arts courses do not take the place of or fulfill the graduation requirements for English courses.*

### *1500 Speech*

**Required**                      **Semester**                      **½ Credit**                      **Grade 9**

This course offers theory and practice in writing, preparing and delivering speeches. We emphasize effective communication skills between speaker and audience, looking at selection and structure of material and at the vocal and physical skills necessary for effective delivery. Students learn to critique themselves and each other to produce the results they desire.

### *1685 American Film*

**Elective**                      **Semester**                      **½ Credit**                      **Grade 11-12**

This class will be segregated into a variety of subjects focusing upon the impact of the arts in society and an individual's search for self through artistic expression. The semester will focus upon the history of film. Students will be required to write reviews and research critical reviews of films such as Citizen Kane, Casablanca, On the Waterfront, Psycho, A Beautiful Mind, The Graduate, Million Dollar Baby, Cinderella Man and others.

### *1640 Journalism*

**Elective**                      **Year**                      **1 Credit**                      **Grade 10-12**

In Journalism, students apply basic skills and information to actual production of the school yearbook, the school system publication, and special media-oriented projects throughout the school year. Each student has a specific title and job description with emphasis placed on individual as well as teamwork. Students have an opportunity to develop qualities of leadership, judgment and responsibility that will help them to prepare for careers in any field. Students learn to improve their writing, reporting, and editing; computer and desktop publishing skills; and their ability to obtain and evaluate information. Keyboarding skills are necessary in this course. This course may be repeated for credit.

### *1635 Creative Writing*

**Elective**                      **Semester**                      **½ Credit**                      **Grade 10-12**

By studying techniques from poetry and short stories, students will write forms of all three genres while participating in collaborative editing. Students will have the opportunity to explore various themes within the genres through exposition, examination, and application. Along with creating a Writing Portfolio, students will become familiar with the publication industry as they submit at least two writing products for possible consideration. Methods of assessment include writing, peer responses, and critical reviews.

### ***1645 College Prep Class***

**Elective**                      **Semester**                      **½ Credit**                      **Grade 11-12**

This class is geared for juniors and seniors. Students will research learning styles and how they best learn. Students will then learn and practice study skills, reading/writing strategies, note taking, class presentations, etc. All activities are geared to prepare students for success in the college classroom.

### ***1665 Children's Literature***

**Elective**                      **Semester**                      **½ Credit**                      **Grade 10-12**

This class will focus upon significant American and British authors along with an exposure to the genre of fantasy (children's literature). Students may encounter such literature as Peter Pan, The Little Prince, The Velveteen Rabbit and Harry Potter along with other award winning children's literature.

## **SOCIAL STUDIES**

### ***2125 World Geography***

**Required**                      **Semester**                      **½ Credit**                      **Grade 9**

A survey of the world's geographical regions. This course focuses on the location of the earth's major physical features as well as culture, population, current political conflicts and human-environmental interaction.

### ***2125 U. S. Government***

**Required**                      **Semester**                      **½ Credit**                      **Grade 9**

This semester class is designed to help students develop an understanding of the structure and purpose of government, the foundations of American democracy and the role of the United States in world affairs. Students will study how the actions, issues and policy decisions facing the United States government, its states and the people have evolved over time. During this class, students will also learn about their rights and responsibilities as U.S. citizens and how individuals can participate in government as informed citizens.

### ***2200 Western Civilization***

**Required**                      **Year**                      **1 Credit**                      **Grade 10**

A full year course offered to 10<sup>th</sup> grade students. This class is recommended for the college-bound student. The course will focus on the major developmental periods of Western Civilization: prehistoric/tribal cultures, the ancient cultures of Egypt, Greece and Rome, the Judeo/Christian era, the Middle Ages, the Renaissance, the Age of Enlightenment, the Age of Romanticism, the 20<sup>th</sup> Century.

### ***2300 American History***

**Required**                      **Year**                      **1 Credit**                      **Grade 11**

A chronology of American history, objectively emphasizing social, economic and political developments that have shaped the United States and its people, is presented in this course. Additional

research includes an examination of the ideological and philosophical aspects of the American experience.

### **2305 American History AP**

**Elective                      Year                                      1 Credit                                      Grade 11**

This is a reading and writing intensive course designed to provide students with the analytical skills and factual knowledge necessary to deal critically with the problems in American history as well as prepare for the Advanced Placement Exam. *Prerequisites: See AP Guidelines.*

### **2406 Psychology**

**Elective                      Year                                      1 Credit                                      Grade 11-12**

This course is designed to provide students with a basic view of psychology as well as its origins and applications, with major emphasis on human development and behaviors. The second half of the course presents a survey of the study of abnormal behavior and psychopathology. Students will learn about the range and classification of abnormal behavior and theories of etiology and be introduced to several modalities of treatment.

### **2410 Psychology AP**

**Elective                      Year                                      1 Credit                                      Grade 11-12**

Advanced Placement Psychology is a full year course offered to 11<sup>th</sup> and 12<sup>th</sup> grade students. This course is designed to mirror an entry level college course, and prepare students to take the AP Psychology Examination. This course will introduce students to the systematic and scientific study of the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. *Prerequisites: See AP Guidelines.*

### **2420 Economics**

**Required                      Semester                                      ½ Credit                                      Grade 10**

This class will focus on the fundamentals of economics and the influence of economic theory on daily life. Topics covered include; money exchange, the marketplace, prices as a rationing device, supply and demand, competition and income distribution and the role of government in regulating the economy.

### **2435 Geography AP**

**Elective                      Year                                      1 Credit                                      Grade 11-12**

The purpose of the AP course in Human Geography is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice. *Prerequisites See AP Guidelines.*

### **2440 Contemporary Issues**

**Elective                      Semester                                      ½ Credit                                      Grade 10-12**

This course will focus on major events that occur, where they occur, and their impact on the world today. Concentrated efforts will be in areas of social studies, news, understanding people, places, environment, and global connections. Analyzing, discussing, debating, and researching will be used to accomplish understanding of the events. May be repeated for credit.

## **MATHEMATICS**

### ***3105 Algebra AB***

**Elective**                      **Year**                                      **1 Credit**                                      **Grade 9**

Students in this course study the basic elements of Algebra. Topics are covered at a deliberate pace and include using variables in single and multi-step equations; using positive and negative numbers; manipulating and factoring polynomials; graphing equations; using fractions in equations; using decimals and percents in algebraic work; and solving word problems using variables.

### ***3100 Algebra I***

**Required**                      **Year**                                      **1 Credit**                                      **Grade 9-10**

Students in this course will study number relationships. Variables will be introduced and used to write equations. The students will learn to solve and graph equations to demonstrate patterns and relationships among numbers. This knowledge of equations will be used to solve problems from real-life situations.

### ***3205 Basic Geometry***

**Required**                      **Year**                                      **1 Credit**                                      **Grade 10-12**

Students in this course will study the basic elements of Geometry. The topics of parallelism, triangle relationships, area, volume, circles, polygons, similarity, and coordinate geometry will be covered at a deliberate pace. Reviews of algebra concepts will be conducted as necessary.

### ***3200 Geometry***

**Required**                      **Year**                                      **1 Credit**                                      **Grade 10-12**

This course introduces students to Euclidean geometric terms and concepts. Students will learn to apply terms, postulates, corollaries, and theorems to solve problems and do proofs. The class will cover topics including parallelism, triangle properties, area, volume, circles, polygons, similarity, and coordinate geometry.

### ***3305 Basic Algebra 2***

**Required**                      **Year**                                      **1 Credit**                                      **Grade 10-12**

This course reinforces concepts of Algebra 1, including factoring, equation solving, graphing and word problem analysis. The course expands understanding of solving quadratic relationships and simplifying

exponential and rational expressions. The course introduces the concepts of complex numbers, solving higher order equations and logarithms.

### **3300 Algebra 2**

**Required**                      **Year**                                      **1 Credit**                                      **Grade 10-12**

Algebra 2 starts with a continuation of concepts studied in Algebra 1. Students will be challenged by new concepts that require graphing skills, function analysis, solving higher order equations, complex numbers, series and sequences, and problem solving applications.

### **3201 Geometry / Algebra 2**

**Elective**                      **Year**                                      **2 Credit**                                      **Grade 10**

Geometry/Algebra 2 is for students with a strong interest in mathematics and science, have a B+ average or higher in Algebra 1 and plan on taking Calculus their senior year. Geometry will be taught daily for the first semester, then Algebra 2 will be taught the second semester. *Prerequisites: B+ or higher in Algebra 1, and teacher permission required.*

### **3350 College Algebra**

**Elective**                      **Year**                                      **1 Credit**                                      **Grade 12**

College Algebra begins with a review of polynomials, exponents, and radicals. This is followed by a study of equations and inequalities, circles, lines, transformations, composite functions, inverse functions, polynomial functions, rational functions, exponential and logarithmic functions, series, sequence, and systems of equations and inequalities. Students have the opportunity to receive college credit for taking this class by dual enrolling with Missouri State University. College Algebra is open only to seniors who have completed an Algebra 2 course.

### **3405 Pre-Calculus**

**Elective**                      **Year**                                      **1 Credit**                                      **Grade 11 -12**

Pre-Calculus is a course that includes a study of equations and inequalities, functions, exponents and logarithms as well as graphing. In addition, the class offers lessons on right triangle trigonometry, trigonometric and circular functions, solving oblique triangles, and polar coordinates. An introduction to limits will occur during the second semester. Students interested in pursuing mathematics, science, engineering, and/or medical careers should take this course.

### **3500 Calculus AP**

**Elective**                      **Year**                                      **1 Credit**                                      **Grade 12**

This course teaches material usually covered by a first semester college calculus course. It is a course that reviews important elements of algebra and trigonometry before covering the primary elements of calculus: limits, derivatives, and integrals. The study of each primary element will be rigorous. Students interested in mathematics, science, engineering, and / or medical careers should consider this course. *Prerequisites: Teacher permission required.*

## SCIENCE

*A student's performance in mathematics should be considered when choosing a science course.*

### **4100 Biology I**

**Required                      Year                      1 Credit                      Grade 9**

This course is designed to teach the basics of biological concepts. This course will cover: Cells, Photosynthesis, Cellular Respiration, Genetics, Bacteria, Viruses, Kingdom Protista, Kingdom Fungi, Kingdom Animalia, Kingdom Plantae, and Ecology. This introductory science course will prepare students for more advanced science studies.

### **4150 Anatomy and Physiology**

**Elective                      Year                      1 Credit                      Grade 11-12**

This course is a survey of the structures and functions of the human body. This course will cover the following systems: Integumentary, Skeletal, Muscular, Cardiovascular, Respiratory, Digestive, Excretory, Nervous, Lymphatic, and Reproductive. As an advanced science course, Anatomy and Physiology assumes that its participants have a strong interest in science and a desire to engage in rigorous study.

*Prerequisites: Must have completed Chemistry (WG) or obtained a minimum grade of B- in Chemistry.*

### **4160 AP Biology**

**Elective                      Year                      1 Credit                      Grade 12**

This course is designed to take an in depth look at biology, recognizing that science is a process rather than accumulation of facts. The AP Biology course is equivalent of two semesters of a college-level introductory biology class. Topics covered will include molecules and cells, heredity and evolution, and organisms and populations. This course includes a laboratory component, which will include the twelve required by the College Board.

*Prerequisites: Must have obtained a minimum grade of B- in Chemistry (WG). Completion of Anatomy and Physiology is highly recommended, but not required.*

### **4255 Chemistry**

**Required                      Year                      1 Credit                      Grade 10**

This course will introduce students to the basic composition of matter from the microscopic level to the macroscopic level background. Topics covered include atomic structure, reactions, solutions and states of matter. It is intended for those who are not contemplating advanced studies in science.

*Prerequisites – Must have completed biology.*

### **4250 Chemistry (WG)**

**Required                      Year                      1 Credit                      Grade 10**

This course will introduce students to the basic composition of matter from the microscopic level to the macroscopic level. Topics covered include atomic structure, reactions, solutions and states of matter. It

is intended for those contemplating advanced studies in science. Chemistry is a weighted course, and so more rigorous studies will be required.

*Prerequisites – Must have completed Biology and have obtained a minimum grade of B- in Algebra I.*

#### **4265 AP Chemistry**

**Elective                      Year                      1 Year                      Grade 11-12**

The course is an equivalent to one semester, introductory college-level chemistry course. The course is designed to build on the fundamental studies of General Chemistry by exploring additional topics in chemical kinetics, thermodynamics, electrochemistry, buffer systems, nuclear chemistry, organic chemistry, and biochemistry. This class includes a laboratory component, and students will keep a laboratory portfolio to receive college credit. This course is designed for participants that have a strong interest in science and a desire to engage in rigorous study. *Prerequisites – Must have obtained a minimum grade of B- in Chemistry (WG).*

#### **4350 Physics (WG)**

**Elective                      Year                      1 Credit                      Grade 11-12**

This algebra/trig-based course will cover concepts in mechanics, waves and light, and electricity and magnetism. Emphasis will be on problem-solving strategies and building understanding of concepts. Problem-solving using various mathematical methods is an essential element in the class. As an advanced science course, Physics assumes that its participants have a strong interest in science and a desire to engage in rigorous study. *Prerequisites: Must have obtained a minimum grade of B in Geometry, and a minimum grade of C- in Chemistry (WG).*

#### **4355 Environmental Science**

**Elective                      Year                      1 Credit                      Grade 10-12**

This course will use laboratory procedures, projects and field investigations to integrate topics in the natural and social sciences. These topics include environmental science, ecology, geology, chemistry, geography, sociology, economics, politics and ethics. The application of these topics will be focused on Missouri's environment.

*Prerequisites – Must have completed Biology and Chemistry.*

#### **4360 AP Environmental Science**

**Elective                      Year                      1 Credit                      Grade 11-12**

This course is equivalent to one semester, introductory college-level environmental science course. Environmental science is interdisciplinary covering many topics in the natural and social sciences. These topics include environmental science, ecology, geology, chemistry, geography, sociology, economics, politics, and ethics. This course includes a laboratory and field investigations component, which will allow students to apply their environmental science knowledge and understanding to the real world.

*Prerequisites: Must have obtained a minimum grade of B- in Biology and Chemistry (WG).*



language and be expected to speak more frequently in French. French cuisine and school life are culture points. French poetry is introduced in French 2.

### **5230 French III**

**Elective**                      **Year**                                      **1 Credit**                                      **Grade 11-12**

Emphasis is placed on improving conversation ability. Listening, reading, and writing are more involved as the student puts into practice a larger vocabulary and more complex grammar. The student will write in a journal, do short descriptive work, both written and oral, and write a few short compositions in French. The student will continue to study French poetry and read short literary pieces.

### **5245 French IV AP**

**Elective**                      **Year**                                      **1 Credit**                                      **Grade 12**

As in French 3 emphasis is placed on improving speaking ability. Knowledge in the language is reinforced with review, as well as furthering the study of grammar and vocabulary. The student will do more extensive reading and writing and have an opportunity to research topics of particular interest.

*Prerequisites: See AP Guidelines.*

## **HEALTH & PHYSICAL EDUCATION**

### **6100 Health**

**Required**                      **Semester**                                      **½ Credit**                                      **Grade 9**

Health is the study of the human body, its habits and stresses as well as inter-related factors which face high school students today. Emphasis is placed on making mature value judgments concerning the individuals own health. Current health issues are also studied.

### **6200 Physical Education**

**Required**                      **Semester**                                      **½ Credit**                                      **Grade 9**

Students will experience a wide range of fitness, individual, and team activities. Students will be required to actively participate and gain cognitive information concerning rules, regulations, and history of activities.

### **6210 Individual/Team Sports**

**Elective**                      **Semester or Year**                                      **½ or 1 Credit**                                      **Grade 10-12**

Students will experience a wide range of fitness, individual, and team activities. Students will be required to actively participate and gain cognitive information concerning rules, regulations, and history of activities.

### **6220 Body Sculpting**

**Elective**                      **Semester**                                      **½ Credit**                                      **Grade 10-12**

This class will combine aerobics, weight training, Pilates, and yoga. These forms of exercise are designed to increase muscular strength, muscular endurance, range of motion, and cardio fitness.

### ***6225 Dance***

**Elective**                      **Semester**                      **½ Credit**                      **Grade 10-12**

The Class is designed to introduce the basic steps and patterns of various dances. Dances include: Waltz, Swing, Mambo/Salsa, Tango, and Contemporary Dances.

### ***6240 Weight Training***

**Elective**                      **Semester or Year**                      **½ or 1 Credit**                      **Grade 10-12**

This class will focus on physical development and improvement through strength training with free weights. Basic muscle physiology and biomechanics will be covered as well as proper lifting and spotting technique, program design including volume and specificity of training, and weight room safety.

### ***6275 Adventure Education***

**Elective**                      **Semester**                      **½ Credit**                      **Grade 11-12**

Students will participate in hunter safety certification program. They will also learn and/or participate in a variety of outdoor activities common in our native Ozark region. Prerequisite: 1 unit of physical education.

## **FINE ARTS**

### ***7110 Art I***

**Elective**                      **Year**                      **1 Credit**                      **Grade 9-12**

Art 1 is a studio class that introduces the student to the elements and principles of design. Students experiment with a variety of media to produce projects in the four basic categories of drawing, painting, collage, and sculpture.

### ***7120 Art II***

**Elective**                      **Year**                      **1 Credit**                      **Grade 10-12**

Art 2 combines studio projects in drawing, painting, collage, and sculpture with an interdisciplinary study of art styles in ANCIENT art history and architecture.

### ***7130 Art III (WG)***

**Elective**                      **Year**                      **1 Credit**                      **Grade 11-12**

Art 3 combines studio projects in drawing, painting, collage, and sculpture with a multi-cultural study of art styles in MODERN art history and architecture.

### ***7140 Art IV (WG)***

**Elective**                      **Year**                      **1 Credit**                      **Grade 12**

Art 4 is an individualized program of study consisting of a variety of portfolio projects.

### ***7145 Graphic Design***

**Elective**                      **Semester**                      **½ Credit**                      **Grade 10-12**

The student will be introduced to career opportunities in the graphic arts while examining the comprehensive history of graphic design. Students will create projects using the elements and principles of design, including printmaking, advertizing, calligraphy, image manipulation, and photomontage.

***Prerequisite: Must have completed Art I and teacher permission required.***

### **7150 Sculpture**

**Elective                      Semester                      ½ Credit                      Grade 10-12**

The student will examine works of art created by famous sculptures while researching the history of three dimensional design. Students will create projects using the elements and principles of design, including pottery making, earthworks, found objects, modern architecture, and relief carving.

***Prerequisite: Must have completed Art I and teacher permission required.***

## **FINE ARTS**

### **7200 Concert Band**

**Elective                      Year                      1 Credit                      Grade 9-12**

***Enrollment in the concert band is open to students who have successfully completed the middle school band curriculum of the Springfield Catholic School System. Students transferring into SCHS must have been a member of their respective middle school band or high school band program.*** The concert band functions as a football pep band during the first quarter of the school year, with rehearsals focusing on the performance of pep band style music along with technical skill development exercises. The remainder of the year is devoted to continued technical skill and musicianship development, incorporated into the preparation of concert band repertoire for public performance, including MSHSAA Large Ensemble Music Festival. Concert Band is a year long class and will require individual home practice in order for the student to meet course objectives and expectations.

### **7201 Jazz Band**

**Elective                      Year                      1 Credit                      Grade 9-12**

***Enrollment in the Jazz Band is only with the written permission of the band director and requires that the student also be a member of the Concert Band.*** Instrumentation of this group will conform as closely as possible to the standard big band instrumentation. The Jazz Band program develops technical and musical skills in the various jazz idioms within the context of the big band setting. The Jazz Band performs at all high school basketball games in addition to their appearance at the spring band concert. Jazz band is a year long course and will require individual home practice in order for the student to meet course objectives and expectations.

### **7250 Concert Choir**

**Elective                      Year                      1 Credit                      Grade 9-12**

Concert choir is a non-auditioned performing group of singers from grades 9 – 12. The choir performs two concerts a year, at Christmas and in the spring, and performs at State Choir Contest. Members have the opportunity to audition for District Honor Choirs, All-State Choir, and participate in District Solo and Small Ensemble Festival. In addition, the choir is invited to perform at events within the community, and at High School All-School Mass. The choir sings music from various periods and in a variety of styles, including sacred and standard repertoire.

### **7260 AP Music Theory**

**Elective**

**Year**

**1 Credit**

**Grade 11-12**

This course is designed to challenge students in the study of music theory and analysis, composition, aural skills (ear training), and music history. Students engage in a variety of written, singing, and compositional exercises that teach them the necessary aspects of musical composition and analysis. This course is to provide students with a learning experience similar to an introductory college course in music theory. Prerequisites: Students must be a junior or senior and have prior training in music, through lessons or participation in an ensemble (band, jazz band, or choir). *Prerequisite: See AP Guidelines.*

### **7310 Drama I**

**Elective**

**Year**

**1 Credit**

**Grade 9-12**

Designed as a survey course, drama will provide the student with an intense sampling of all facts of theatre, with an emphasis being placed on actor training. The subject matter will range from stage terminology, structure of plays, and early theatrical history to vocal and movement training for the actor. Also included will be acting (improvisation, character analysis, and duet/group acting) as well as stage design and construction, lighting, costuming, and makeup. Active participation involving memorization and outside rehearsals is mandatory. Students will also be required to attend performances outside of school at numerous venues in the area.

### **7350 Advanced Drama**

**Elective**

**Year**

**1 Credit**

**Grade 10-12**

Designed for students with high interest and motivation for study in the theater arts while increasing understanding of the entire realm of theater, the course provides students with the opportunity to put theory into practice through major projects in directing, acting, and design. Students are able to study in their specific area of interest. Enrollment in this course is by instructor permission only. Students will also be required to attend performances outside of the school. *Prerequisites: A grade of C or higher in Drama I.*

## **PRACTICAL ARTS**

### **8100 Computer Applications**

**Required**

**Semester**

**½ Credit**

**Grade 9**

This introductory course will focus on developing the competencies needed to perform all basic tasks in Microsoft Word, Microsoft Power Point, Microsoft Excel, and Microsoft Access software. Students will be introduced to the tools needed to fulfill reporting, data gathering, and presentation requirements needed to be successful in their high school career. Students will also discuss online safety issues. Students should enter this class with basic keyboarding skills already acquired.

### **8115 Web Design**

**Elective**

**Year**

**1 Credit**

**Grade 10-12**

This course entails development and maintenance of an interactive web site. Students will learn HTML skills including body elements, links, tables, cascading style sheets, and graphics. An introduction to web page objects, scripting languages and basic web page design elements will also be included.

**Prerequisite:** *C or higher in Computer Applications.*

### **8130 Computer Science AP**

**Elective**                      **Year**                      **1 Credit**                      **Grade 10-12**

This course is an introduction to object oriented programming using Java for the purpose of developing desktop and Internet applications. Topics covered are data types, control structures, classes, objects, messages, methods, applets, instantiation, inheritance, exception handling, and arrays. **Prerequisite:** *See AP Guidelines.*

### **8135 Personal Finance**

**Required**                      **Semester**                      **½ Credit**                      **Grade 10**

This required course serves as a basic introduction to managing personal finances. Emphasis will be placed on four major areas including income/career choices, money management, spending and credit, and savings/investing. The goal of this class is to prepare students to learn the importance of sound money management as they enter the work environment as both producers and consumers.

### **8150 Accounting**

**Elective**                      **Year Long**                      **1 Credit**                      **Grade 10-12**

This hands-on course gives students an overview of the bookkeeping cycle. The students will learn to prepare journals, post to general and subsidiary ledgers, and complete adjusting and closing entries, as well as income statements and balance sheets for service and merchandising businesses. Preparation of payroll records and an introduction to personal income taxes will also be covered in this course. This course is designed to help students gain sound practices in their own personal financial record keeping as well as prepare students who want to major in business in college for the required accounting courses.

### **8205 Teen Living**

**Elective**                      **Semester**                      **½ Credit**                      **Grade 10**

Teen Living is a practical course designed to give students an opportunity to explore through various means many of the tasks of everyday life. Examples of topics covered include: selection and preparation of nutritious foods, clothing construction and care, techniques in getting a job, and independent living skills.

### **8210 Foods I**

**Elective**                      **Semester**                      **½ Credit**                      **Grade 11 -12**

Foods I is an introductory course in which students begin by learning the proper use of tools and equipment, the basics of food preparation, and the importance of teamwork and safety in the kitchen. The remainder of the semester consists of selection, preparation, and consumption of foods from various food groups.

### **8215 Foods II**

**Elective**                      **Semester**                      **½ Credit**                      **Grade 11-12**

This is an advanced course in the study of foods and nutrition for healthful living. Students will learn to purchase, prepare, and serve nutritious meals. Laboratory experiences will provide students the opportunity to prepare foods for formal and informal entertaining, international cuisine, and meal planning on a budget. In this class, students will gain knowledge about food preparation and nutrition that they can use in everyday life, now and in the future.

### ***8220 Clothing***

**Elective                      Semester                      ½ Credit                      Grade 11-12**

In this course, students explore the world of fashion. Areas of study include: design aspects of fashion; selecting fashions best suited to body type; basic construction techniques through a variety of projects; use and care of the sewing machine; fabric selection and care; and other hand crafts. Activities are directed toward garment selection and construction. Project selections are based on individual skills from beginning to advanced levels. \*\*Clothing and textiles may be repeated for credit as an independent study. Students repeating the course will be expected to complete more difficult projects.

### ***8230 Housing & Interior Design***

**Elective                      Semester                      ½ Credit                      Grade 11-12**

Housing is an essential need for everyone. In this course, students will learn that a home is more than a shelter and must meet physical as well as physiological needs. The classroom laboratory provides opportunities for the student to design, decorate, and furnish a home. The many career opportunities in housing and home furnishings will be investigated. Areas of study include: trends in housing; choosing a place to live; housing and the economy; design and structure of housing; personalizing interiors; application of design principles and elements; home furnishings and interior design. This course is recommended for students as they plan for their homes and/or careers in the industry.

### ***8240 Child Growth & Development 1***

**Elective                      Semester                      ½ Credit                      Grade 11-12**

Students gain an understanding of the development and care of children in this course. Laboratory observation and actual experiences with children are an important part of the instruction. Attention is given to parenting skills, discipline, and guidance that will promote the development of a happy and secure individual. Areas of study include: parenting choices; heredity and human reproduction; pregnancy and prenatal care; birth and the newborn; physical, intellectual, social and emotional development of children through the preschool years. This course is valuable to both males and females for developing effective parenting skills.

### ***8245 Child Growth & Development 2***

**Elective                      Semester                      ½ Credit                      Grade 11-12**

This course provides the student the opportunity to apply and expand knowledge learned in Child Growth and Development I. Focus on the areas of development of the school age child will enable the student to plan age appropriate activities and to develop realistic expectations of children. During the scheduled class period (last four weeks of school), students will experience working as an intern at a local childcare facility or school with classroom instruction. Students will be responsible for their own

transportation to and from the work site. This course is recommended for those interested in exploring a career in a child related field.

## MISCELLANEOUS

### ***8550 Senior Internship***

**Elective**                      **Semester**                      **½ credit**                      **Grade 12**

The Springfield Catholic Career Exploration Internship Program offers high school seniors the opportunity to explore careers in which they have an expressed interest by providing work-related experiences with local business people. Students will work at a non-paying job site for at least 10 hours per week for one semester to receive ½ unit of credit upon successful completion of the stated objectives and evaluations. *Students must have good attendance history, good discipline history, an accumulated GPA of 8.0 and administrative approval.*

### ***9200 Ozark Technical Community College***

Beginning their junior and senior year, students have the opportunity to enroll in college-level technical courses for both high school and college credit. *Students must adhere to both OTC and Springfield Catholic guidelines regarding academic honesty, attendance, and behavior, etc. Students must have good attendance and discipline history, as well as administrative approval.*

### ***8801 Supervised Study***

**Elective**                      **Semester/Year**                      **No credit**                      **Grades 9-12**

Academic achievement is a top priority at Springfield Catholic High School. It is the purpose of the study hall program to contribute to all students' academic performance by allowing necessary study time. The long-term goal of the study hall program is to prepare students to take responsibility for their own education and practice self-discipline through the allowance of a study hall period. *Students cannot enroll in more than one study hall period per academic day without written permission from the Academic Advisor and written approval from the student's parent.*