



— SPRINGFIELD —  
**CATHOLIC**  
— HIGH SCHOOL —

**Course Catalog**  
**2024-2025**

# SPRINGFIELD CATHOLIC HIGH SCHOOL

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# Introduction

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.

This catalog provides information about all course offerings. The process of scheduling classes is one of the most important things you and your student will do over the next four years. When reviewing your student's schedule carefully consider all available course options and assist your student in making choices that are best for him/her.

Please feel free to contact Mrs. Julie Bolls, Academic Counselor A-L at [jbolls@scspk12.org](mailto:jbolls@scspk12.org) or (417) 887-8817 x 014 or Mrs. Debbie Randell, Academic Counselor M- Z at [drandell@scspk12.org](mailto:drandell@scspk12.org) or (417) 887-8817 x 028.

Below are some important policies and scheduling suggestions to be aware of as you make scheduling choices.

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## Advanced Placement (AP) Policy

Springfield Catholic High School believes that all “willing and academically prepared” students should be given access to college level classes (College Board). This policy agrees with the College Board’s national policy that governs all AP classes. This policy also agrees with our Catholic School policy that guarantees equal opportunities for all students.

The Springfield Catholic High School AP program offers students exposure to college level material that is academically challenging. It asks students to challenge themselves and to develop an academic discipline that will afford them success both now and at the college level.

**\*\*NOTE:** There will be limited sections of AP courses. If actual enrollment exceeds class capacity, students requesting a specific AP course will be chosen on the basis of the following criteria: faculty recommendation, PSAT test scores, GPA and previous year attendance.

Students interested in taking AP classes should be

- motivated
- creative and innovative in their thinking
- able to develop effective time management skills
- willing to learn skills that allow them to critically evaluate information
- willing to challenge themselves
- carry a C+ average or higher in the corresponding discipline (English-AP English)
- plagiarism in an AP class is grounds for an automatic transfer to the non-AP course

Sophomores can take no more than 2 AP classes. It is recommended that juniors and seniors take no more than 3 AP classes a year.

## A+ Scholarship Program

This program provides scholarship funds to eligible graduates of A+ designated high schools who attend a participating public community college or vocational/technical school, or certain private two-year vocational/technical schools. If interested it is important to see Mr. Page as early as your freshman year.

To become eligible for A+, each student must:

1. Sign a letter of intent to participate in the program prior to or during the last three (3) years of high school.
2. Attend Springfield Catholic High School or another A+ designated school for three (3) consecutive years prior to high school graduation.
3. Graduate from high school with a cumulative grade point average of two and five-tenths (2.5) points or higher on a four (4) point scale, or graduate from a high school with documented mastery of institutionally identified skills that would equate to a two and five-tenths (2.5) grade point average or higher. (SCHS uses a 4.0+ scale, so the GPA is adjusted to remove weight from weighted grades.)
4. Have at least a ninety-five percent (95%) attendance record for a four (4) year period immediately prior to graduation.
5. Perform a total of fifty (50) hours of unpaid tutoring or mentoring. Of the 50 hours of tutoring, 12.5 can be approved shadowing hours. Confirm details with Mr. Riley.
6. 50 hours of tutoring can be achieved over the summer through SPS Launch.
7. Maintain a record of good citizenship and the avoidance of the unlawful use of drugs/alcohol.
8. Apply for any non-repayable federal tuition assistance before requesting A+ Student Financial Incentive assistance by filling out the Free Application for Federal Student Aid (FAFSA) during the last semester of senior year before May 1.
9. Register for Selective Service (for Males 18 and over). To register go to <http://www.sss.gov/> .

## Dual Credit

SCHS offers dual credit options for SCHS students. A dual credit course is a college course taken by a high school student for which the student is awarded both college and high school credit. There is a cost for taking a dual credit course that is billed through the cooperating college.

### **Difference between Dual Credit courses and Advanced Placement (AP)?**

Both courses are taught at the college level. However, college credit is awarded for advanced placement courses only upon completion of a single assessment test. In addition, different cut scores are required by different institutions for credit in these courses. Dual credit courses earn college credit in the same manner as any other college course – through satisfactory performance on such assessments as quizzes, tests, and homework assignments.

## GOCAPS

Greater Ozarks Centers for Advanced Professional Studies (GO CAPS) is a unique, yearlong learning experience that allows high school seniors to test drive future career options. Students develop real world professional skills as they are embedded in partner businesses.

GO CAPS gives students the chance to explore their interests in five areas: Engineering and Manufacturing, Business and Entrepreneurship, Medicine and Health Care, IT and Software Solutions, and Teacher Education. Students attend a morning session (8-10:30 a.m.) or an afternoon session (Noon -2:30 p.m.) every day throughout the school year.

These sessions also allow for dual credit opportunities through Missouri State University and Ozarks Technical Community College. Students must apply and be accepted for the program.

Springfield Catholic High School does not offer tuition reduction for students participating in the GO CAPS program. See your academic counselor for more information.

# Individual Service Plan/Individual Education Plan Process

Springfield Catholic High School strongly suggests that students with an ISP/IEP have their schedule reviewed by an academic counselor to ensure students are scheduled into appropriate classes.

## Course Selection Process

1. Read the Course Catalog carefully. Note the requirements that apply to you and the various courses, activities, and programs in which you might participate.
2. Complete the preliminary Course Selection Google form with the link provided via email.
3. Meet with an Academic Counselor during your designated scheduling week.
4. Verify on the Google form that you have approval from your parent/guardian about your Course Selection.
5. Consult with your teachers if you have a question about the next course to take in a subject area.
6. Submit the Course Selection Google form by the deadline. Changes after the close of the Google form can be made up until the first of June.
7. Courses requiring “faculty approval” will be verified by academic counselors.
8. Taking more than 3 AP courses in one year requires permission from an academic counselor.

Change of Schedule may be initiated for the following reasons:

- 1) Scheduling error
- 2) Inappropriate course level
- 3) Graduation requirements
- 4) Health considerations
- 5) Teacher recommendation

If a student wishes to make a course selection change, the request must be made by the end of the first cycle of A/B classes. Change requests after that time must be initiated by the teacher.

Department Heads:

Art – Mrs. Jones  
Band- Mrs. Norris  
English and Language Arts – Mr. Russo  
Foreign Language – Ms. Plaster  
Health and P.E. – Mr. Stander  
Math – Mrs. Samala  
Music- Ms. Cole  
Practical Arts – Mrs. Sweeney  
Science – Mr. Jeff Stratton  
Social Studies –Mr. Camey  
Theology – Sr. Grace

## Grading Scale

<b>Letter Grades</b>	<b>Percent</b>	<b>Point Value</b>
A	93-100	4.00
A-	90-92	3.66
B+	87-89	3.33
B	83-86	3.00
B-	80-82	2.66
C+	77-79	2.33
C	73-76	2.00
C-	70-72	1.66
D+	68-69	1.33
D	66-67	1.00
D-	65	0.66
F	0-64	0.00

## Course Weights

**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. Weighted courses are given additional 0.70 weight to GPA.

**Advanced Placement (AP) courses:** Many colleges allow credit and/or placement for AP courses. A national AP test is offered in May in a variety of subject areas. Scores are reported on a 1-5 scale; students who score a 3, 4, or 5 usually receive college credit, but individual college policies must be consulted. Specific Advanced Placement (AP) courses are offered at Springfield Catholic High School. Advanced Placement Courses are given 1 additional point to GPA. It is the recommendation of the SCHS administration that a student take no more than 3 AP courses in one academic year. NOTE: Students in courses with AP in their title MUST take the class final. The College Board AP Examination is optional.

**\*\*NOTE:** There will be limited sections of AP courses. If actual enrollment exceeds class capacity, students requesting a specific AP course will be chosen on the basis of the following criteria: faculty recommendation, PSAT test scores, GPA and previous year attendance.

<b>Weighted Courses</b> 0.70 extra grade point	<b>Advanced Placement Courses</b> 1.00 extra grade point
Pre-Calculus College Algebra DC	AP English III AP English IV
Anatomy & Physiology	AP US History AP Psychology
Spanish III	AP World History
Art III	AP Calculus
Advanced Concert Band	AP Biology
Advd Irish FusionBand	AP Computer Science A AP Computer Science Principles
Advanced Irish Singers	AP Chemistry
Marketing II	AP Physics
Advanced Concert Choir	AP Art IV
Advanced Comp. Debate Accounting II	

## Springfield Catholic High School Graduation Requirements

Subject	Credits
Theology	4.00
English	4.00
Social Studies	3.50
Government	0.50
Math	4.00
Science	3.00
Spanish	2.00
Debate	0.50
Physical Education	1.00
Health	0.50
Personal Finance	0.50
Fine Arts	1.00
Multimedia	0.50
Electives	7.00
<b>Total</b>	<b>32.00</b>

## College Prep Recommendation

Subject	Credits
Theology	4.00
English	4.00
Social Studies	3.50
Government	0.50
Math	4.00
Science	4.00
Foreign Language	2-4
Public Speaking	0.50
Physical Education	1.00
Health	0.50
Personal Finance	0.50
Fine Arts	1.00
Computer Science	0.50
Electives	4-6
<b>Total</b>	<b>30.00+</b>



# Theology

## Theology 1 A

0.5 Credit    Grade 9

### The Revelation of Christ in Scripture - Semester 1

Students will learn and appreciate Sacred Scripture from the Old Testament to the New Covenant in Christ and the early Church. It includes a special focus on the Gospels, where students will meet Jesus Christ and develop a deeper faith in Him. Students will be led to deeply understand the life and teachings of Jesus Christ, the living Word of God. They'll learn who He is and what he calls each of them to be.

## Theology I B

0.5 Credit    Grade 9

### Encountering Christ - Semester 2

This course introduces students to the Blessed Trinity in and through the fullness of God's revelation of Himself: Jesus Christ. They will study the Incarnation, the union of Christ's two natures, Jesus as the exemplar of humanity, and the unique role of Mary, the mother of God. This course prepares students to overcome the challenges of Faith and leads them to a more profound understanding of what it means to believe.

## Theology II A

0.5            Grade 10

### The Paschal Mystery: Christ's Mission of Salvation - Semester 1

Continuing the USCCB's curriculum framework, this course explores our salvation through the Paschal Mystery. The students encounter the mystery and glory of Jesus Christ's suffering, death, Resurrection, and Ascension. The course also explores how the Paschal Mystery informs our daily lives, our prayer, and our participation in the life of the Church. In addition, the Paschal Mystery will be explored through the lens of Pope St. John Paul II's Theology of the Body.

## Theology II B

0.5            Grade 10

### The Church is Christ's Living Body - Semester 2

Students will learn the origin, foundation, and manifestation of the Catholic Church, established by Jesus Christ during His earthly life, to continue His saving mission until the end of time. Through their exploration of the Church, students will consider various images of the Church, the four marks of the Church, and the role of the Church in the life of the believer.

## **Theology III A**

**0.5**

**Grade 11**

### **Sacraments: Source of our Life in Christ – Semester 1**

Continuing the United States Conference of Catholic Bishops' curriculum framework, the Sacraments provide an opportunity to encounter Christ in a tangible way. The focus of this course is to help students learn about the Seven Sacraments, especially the Eucharist, to enable them to participate in them more fully. The course also explores the sacraments' history, scriptural foundation, and current practices. The students will investigate the origin, nature, and effects of the efficacious signs of God's grace that are the Church's greatest treasures. In addition, the Sacraments will be explored through the lens of Pope St. John Paul II's Theology of the Body.

## **Theology III B**

**0.5**

**Grade 11**

### **Moral Life in Christ – Semester 2**

Continuing the USCCB's curriculum framework, this course presents the moral precepts of the Catholic Faith. With particular emphasis on the third section of the Catechism of the Catholic Church and Veritatis Splendor. The students will investigate the Church's moral teaching and ways to apply it to the Christian life in the Catholic tradition, especially in our current culture. Students face countless choices and challenges in their daily lives. This course addresses how a relationship with Christ and the Church can lead to choices that align with God's plan. The students will learn that God's laws are the means human nature requires to fulfill our innate desire for happiness and ultimately lead us to Heaven. In addition, Morality will be explored through the lens of Pope St. John Paul II's Theology of the Body.

## **Theology IV A**

**0.5**

**Grade 12**

### **Catholic Social Teachings - Semester 1**

Continuing the United States Conference of Catholic Bishops' curriculum framework, this course will challenge students to apply the message of Jesus and His Church to the struggles for justice and peace taking place today. Students will explore ways to do works of mercy and social action in line with the 7 Principles of Catholic Social Teaching identified by the USCCB in their document, Sharing Catholic Social Teaching: Challenges and Directions, A Reflection of the US Bishops. In addition, this course will look at social justice through the lens of Pope St. John Paul II's Theology of the Body.

**Theology IV B**  
**Vocations - Semester 2**

**0.5**

**Grade 12**

Continuing the USCCB's curriculum framework, this course will challenge students to explore the blessings and challenges associated with each Christian Lifestyle. The course will present basic information about consecrated religious life, ordained life, and marriage. Our universal call to holiness will be discussed. There will be a particular emphasis on the sacraments of Matrimony and Holy Orders. In addition, this course will look at Christian Lifestyles through the lens of Pope St. John Paul II's Theology of the Body.

**H0308 Apologetics**

**0.50 Credit**

**Grade 11-12**

This course is designed to equip students with the knowledge and skills necessary to articulate and defend the Christian faith effectively in various contexts. It will explore the rational basis for Christianity, address common objections, and provide tools for engaging in meaningful and respectful dialogue with individuals from different worldviews.

**English**

**H1100 English I**

**Year**

**1 Credit**

**Grade 9**

English I focuses upon a variety of literary genres – poetry, short story, essays and the novel. This class develops students' abilities to better understand literature along with a recognition of the cultural influences on the artist and ultimately the work of art. The initial unit recognizes modern music as literature (poetry) Students also work to improve reading, grammar, and vocabulary skills. Students will read novels such as: *The Little Prince*, *To Kill a Mockingbird*, *Dandelion Wine (excerpts)*, *Romeo and Juliet*, *The Secret Life of Bees* and *The Catcher in the Rye*. The essence of Freshman English is to expand students' perspectives through literature while creating a unique classroom experience.

**H1200 English II**

**Year**

**1 Credit**

**Grade 10**

This course studies American Literature. Students will explore the historical context, literary technique, and modern implications of a variety of novels, short stories, poems, and plays. A strong emphasis is placed on the writing process and critical thinking strategies.

**H1300 English III**

**Year**

**1 Credit**

**Grade 11**

This course introduces students to the historical, literary significance of Britain. Students will explore multiple genres, including: the epic, drama, poetry, short story, novel, and nonfiction. Students will learn analytical skills needed to read a variety of texts and how to transpose that evidence to support their writing. Students will compose a variety of texts, such as creative nonfiction, research-based essays, and fiction in order to enhance the writing process in its various stages.

**H1306 AP English III (Literature & Comp.) (wg)**                      **Year**                      **1 Credit**                      **Grade 11**

*Prerequisites: Faculty approval; see AP Policy, page 3.*

This course 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 Composition test. *To stay consistent with the mission of College Board in preparing students for college success and opportunity, students enrolled in AP course are required to take the class final in both the fall and spring semester and have the option of taking the AP exam.*

**H1400 English IV Intro to Composition**    **Year**                      **1 Credit**                      **Grade 12**

This course introduces students to the writing process. There are many steps a writer goes through when producing a text, including pre-writing (or gathering and organizing ideas and thoughts), writing, revising, and editing, and we will discuss these steps in this course. In discovering writing as a process, students will learn the reading and writing strategies and processes that work best for their individual needs. The emphasis here is on attention to the topics. Students produce a variety of writing and research projects that help prepare them for success in college and become a critical and thoughtful writer which is essential for success in college and life beyond high school. The focus will be on numerous essays and non-fiction work during the course throughout the year that address current issues in our country and around the world. Students will be asking questions and searching for some answers or at least further understanding of issues that concern us as human beings in this ever-changing world. To answer or address these issues, students will discuss, read, and write about race, class, crime, violence, poverty, education, family, and faith.

**H1406 AP English IV (Language & Composition) (wg)**                      **Year**                      **1 Credit**                      **Grade 12**

*Prerequisites: Successful completion of AP English III and faculty approval; see AP Policy, page 3.*

**Semester 1** -This course doubles as a Dual Credit Writing I, ENG 110 (Writing I) 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 also compile a portfolio at the end of the semester. Students who register for and successfully complete ENG 110 will earn 3 hours of college credit with MSU.

**Semester 2**-This course doubles as a Dual Credit Writing II, ENG 210 (Writing II: Writing Across the Disciplines) 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 Writing I. They will learn to proficiently read, research, and write within a variety of disciplines. Students who register for and successfully complete ENG 210 will earn three hours of college credit with MSU. *To stay consistent with the mission of College Board in preparing students for college success and opportunity, students enrolled in this AP course are required to take the class final in both the fall and spring semester and have the option of taking the AP exam.*

## Communication Arts

**H1502 Fundamentals of Communication**    **Semester 0.5 Credit**                      **Grade 9-12**

This course focuses on developing necessary skills for verbal communication. The class will utilize speeches, debates, and games to develop these core skills. The purpose of the class is to advance skills in research, questioning/interviewing, note taking, effective speaking, argumentation, persuasion, and all around an enhancement of critical thinking skills. This class will prioritize in class activities and student interaction to show understanding of objectives.

### **H1514 Competitive Speech & Debate**

**Year**

**1 Credit**

**Grade 10-12**

*Prerequisite: Successful completion of Debate and faculty approval.*

This course focuses on developing the necessary skills to successfully compete in interscholastic debate tournaments. Students will further develop skills of research, argumentation, refutation, cross-examination, and logic. Emphasis is placed on Public Forum Debate, Lincoln Douglas Debate, and Policy Debate. Students will be required to compete in interscholastic debate tournaments each semester.

### **H1516 Adv. Comp. Speech & Debate (wg) Dual Credit**

**Year 1 Credit**

**Grade 11-12**

*Prerequisite: Successful completion of one year of Competitive Speech & Debate.*

This course focuses on developing the necessary skills to successfully compete in interscholastic debate tournaments. Students will further develop skills of research, argumentation, refutation, cross-examination, and logic. Emphasis is placed on Public Forum Debate, Lincoln Douglas Debate, and Policy Debate. Students will be required to compete in interscholastic debate tournaments each semester. *COM 120- Fundamentals of Debate (MSU)*

## **Language Arts**

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

### **H1630 Mythology**

**Semester**

**0.5 Credit**

**Grade 10-12**

*Prerequisite: Department approval for grade 10.*

This course compares the ancient myths of Greece, Rome, Northern Europe, the Middle East and America. Readings are taken from ancient sources and modern interpretation. Lectures, discussion, and writing projects will deal with major deities and heroes, the ancient mystery religions and creation epics, with emphasis on cultural backgrounds, common structures of myth, and methods of interpretation.

### **H1635 Creative Writing**

**Semester**

**0.5 Credit**

**Grade 11-12**

This course studies the techniques used in writing prose, poetry, creative essays, poems, flash fiction, student's stories, etc. Students will have the opportunity to explore various themes within the genres through exposition, examination, and application.

### **H1670 Young Adult Literature**

**Semester**

**0.5 Credit**

**Grade 10-12**

*NOTE: Recommended for second semester sophomores, juniors, and seniors.*

This course explores the increasingly popular and momentous literary movement, young adult fiction. Through an exploration of literary genres, ranging from realistic fiction to fantasy, students will easily relate to characters who are also attempting to navigate life as a teenager, among other things. An emphasis will be placed on a discussion of genres, character development, themes, and other literary devices.

**H1685 American Film****Semester 0.5 Credit Grade 11-12**

This course traces the influences of film from Citizen Kane to modern films. Students will research films prior to viewing the films and write film reviews upon completion of the film. This is a research and writing intensive class recommended for juniors and seniors.

**H1686 Birds and Words****Semester 0.5 Credit Grade 11-12**

This course students will be fully immersed (both in the classroom and “out in the field”) in the amazing lives of birds around us. This course will teach students how to identify birds out in the field and teach them about the vast diversity of birds around the world. In addition, we will delve into the latest scientific advances in understanding the complex relationships birds have with one another. And of course, the roles humans play in bird populations today will be a frequent topic of research and discussion. It is greatly encouraged that students have access to their own binoculars. In addition, course supplies will include the purchase of specific bird-related texts, including a bird field guide and observation notebook. Individual student transportation for field trips is also encouraged, but not required.

**H1687 Sports in American Culture****Semester 0.5 Credit Grade 11-12**

This class is taught by Mr. Russo a 17 year veteran of sports media (radio, television and print), a high school cross country coach for 24 years, former owner and editor of two tabloids (The Trying Tymes and Russo’s Sports Journal). The class will focus upon the impact of sports, at all levels, on American culture; students will read excerpts and essays from noted sports journalists along with watching significant sports related documentaries. Students will research the evolution of SportsWorld and discuss their perspective on their culture of phenomenon-students will share their vision during class discussion and in a written format.

**H1690 Women in Literature****Semester 0.5 Credit Grade 11-12**

This class will discuss how the unique experiences of women influence their writings and analyze representations of women in literature. Through discussion and writing activities, students analyze literature by women from different cultures and periods.

**H1689 Music and the Collective Cry for Change****Semester 0.5 Credit Grade 11-12**

Can a song change a mind? Can a song change the United States? Songs amplify the voices of those who have been silenced and unite people around a common cause. They are collective cries expressing anger, despair, hope, and a desire for change. Protest music has played a central role in popular culture and literature. This class will explore the historical context of different periods, songs, and artists and show how something as benign as pop music fights power, encourages activism, and, perhaps, affects change. Songs educate in ways classrooms cannot.

**Social Studies**

**H2100 World Geography****Semester 0.5 Credit Grade 9**

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

**H2150 Government****Semester 0.5 Credit Grade 9**

*NOTE: A passing grade on the Constitution test is required for graduation.*

This course is designed to give students an understanding of the structure and purpose of Missouri and the federal 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. and Missouri citizens and how individuals can participate in state and federal government as informed citizens.

**H2225 World History****Year 1 Credit Grade 10**

This 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 20th Century.

**H2250 AP World History (wg)****Year 1 Credit Grade 10**

*Prerequisites: Faculty approval. See AP Policy, page 3.*

This college-level course is structured around historical thinking skills and key concepts and themes from world history, beginning around 8000 B.C.E. to the present, and will prepare students to take the AP World History Examination. The course is divided into five major themes: 1) interaction between humans and the environment, 2) development and interaction of cultures, 3) state-building, expansion and conflict, 4) creation, expansion and interaction of economic systems, and 5) development and transformation of social structure. Students will rely on their world geography skills from freshman year to be successful in the course. *To stay consistent with the mission of College Board in preparing students for college success and opportunity, students enrolled in this AP course are required to take the class final in both the fall and spring semester and have the option of taking the AP exam. Students taking AP World History are strongly encouraged to consider taking the AP test in the spring.*

**H2300 United States History****Year 1 Credit Grade 11**

This course is a study of the chronology of American history, objectively emphasizing social, economic and political developments that have shaped the United States and its people. Additional research includes an examination of the ideological and philosophical aspects of the American experience.

**H2306 AP United States History (wg)****Year 1 Credit Grade 11**

*Prerequisite: Faculty approval. See AP Policy, page 3.*

This course 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. The course will look at different themes in the history of the United States ranging from the settlement of diverse groups of people, interactions between those groups, the creation of a new government for an American republic, the impact of social movements, and many others. *To stay consistent with the mission of College Board in preparing students for college success and opportunity, students enrolled in this AP course are required to take the class final in both the fall and spring semester and have the option of taking the AP exam. Students taking AP United States History are strongly encouraged to consider taking the AP exam.*

**H2407 Psychology/Abnormal Psychology**                      **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. *A student cannot take the AB (abnormal psychology) portion of this class without taking the 1st semester or AP Psychology.*

**H2411 AP Psychology (wg)**    **Year**                      **1 Credit**                      **Grade 11-12**

*Prerequisite: Faculty approval. See AP Policy, page 3.*

This course is designed to mirror an entry level college course, and prepare students to take the AP Psychology Examination. It 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. *To stay consistent with the mission of College Board in preparing students for college success and opportunity, students enrolled in this AP course are required to take the class final in both the fall and spring semester and have the option of taking the AP exam.*

**H2417 Logic and Philosophy I**    **Semester**                      **0.5 Credit**                      **Grade 10-12**

This course will introduce students to the basic principles of philosophical and logical reasoning. Students will be learning the basics of logic, logical thought, forming logical statements, and forming logical arguments. Students will then move through several schools of philosophy from around the world and different eras, including Ancient Philosophy (Greek & Eastern), Early European (Medieval & Renaissance), Enlightenment (Pre-Enlightenment & Post-Enlightenment), and Modern (Contemporary Issues). Students will analyze the philosophers and some of their works, and discuss the meaning of the philosophies in class, have in class discussions, speakers, etc.

**H2418 Logic and Philosophy II** **Semester** **0.5 Credit** **Grade 10-12**

*Prerequisite: Successful completion of Logic and Philosophy I*

In this course, students will extend their knowledge of philosophy and focus on some of the key questions in philosophy, such as the nature of truth, ethics, and knowledge. This course entails independent research, intensive discussions, and lengthy papers.

**H2420 Economics**    **Semester**                      **0.5 Credit**                      **Grade 11-12**

This course will give the students a greater understanding of economics ranging from the viewpoint of the individual consumer or small business owner to the global economy. The course will study the law of supply and demand, forms of business, labor unions, governments finances and influence on the economy, money and prices, inflation and deflation cycles. The course relates history and politics to the study of economics.

**H2425 Sociology**    **Semester**                      **0.5 Credit**                      **Grade 10-12**

This course is a social science that deals with human relationships. Attention is given to how one relates to others and how one's individual behavior is influenced by other people. Areas of study include: The Scientific Method as applied to the social sciences, culture, cultural change, conformity, deviance, personality formation, social groups, social stratification, minorities and social institutions.

**H2430 Christian Leadership**    **Year**                      **1.0 Credit**                      **Grade 12**

*Prerequisite: Reserved for senior students who hold a leadership position in the House.* This course takes a hands-on approach to helping students learn more about personal leadership styles, teamwork, ethics, group dynamics and inclusive leadership. Other experiences will include community service, projects and team building activities. Students will be leading the school during House Time.



## **H2440 Contemporary Issues**

**Semester 0.5 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.

## **H2255 World Religions**

**Semester 0.5 Credit Grade 10-12**

This course is an introductory survey that helps students understand the people, dimensions, and religious principles of the world's eleven major religions. Students can begin to unlock the doors of those traditions in this world religions course. Religions to be studied include Islam, Hinduism, Buddhism, Taoism, and Confucianism among many others.

## **H2320 Wars in American History**

**Semester 0.5 Credit Grade 11-12**

This course will delve into the many components that make up war: strategy, weaponry, artillery, infantry, and development of naval or armed forces. Information will be presented from the Revolutionary War through modern day warfare. Depending on the interest of the students will depend on the war covered.

## **Mathematics**

*NOTE: Students are not allowed to test out of mathematics courses.*

*Students are required to take a math class all four years at SCHS.*

*Math Placement test for incoming students will be required for placement and for students who have already taken high school Algebra I from their elementary schools.*

*Students choosing to enroll in two concurrent mathematics courses as a freshman or sophomore must score a 93% or higher each semester in Algebra I to be eligible.*

*Incoming freshman students may be placed in geometry as a freshman if an Algebra I course is completed with a 93% or higher prior to freshman year and students pass our Algebra I final with an A or B.*

## **H3000 PreAlgebra**

**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; using fractions in equations, solving word problems using variables, and other topics as needed. **This class is a class before Algebra 1, not in place of Algebra 1.**

**H3100 Algebra I** **Year** **1 Credit** **Grade 9**  
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.

**H3105 Algebra I AB** **Year** **Grade 9**  
This reinforces 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. The same book is used as in Algebra I. This is a math course that meets on the B day following the A day Algebra I course.

**H3200 Geometry** **Year** **1 Credit** **Grade 10**  
*Prerequisite: Successful completion of an Algebra I course.*  
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.

**H3210 Geometry AB** **Year** **Grade 10**  
*Prerequisite: Successful completion of an Algebra I course.*  
This course reinforces 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. The same book is used as in Geometry. This is a math course that meets on the B day following the A day geometry course.

**H3300 Algebra II** **Year** **1 Credit** **Grade 10-11**  
*Prerequisite: Successful completion of both an Algebra I course and Geometry course or be concurrently enrolled in Geometry.*  
This course starts with a continuation of concepts studied in Algebra I. 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.

**H3302 Algebra II AB** **Year** **Grade 11**  
*Prerequisite: Successful completion of both an Algebra I course and Geometry course.*  
This course reinforces the continuation of concepts studied in Algebra I. 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. The same book is used as in Algebra II. This is a math course that meets on the B day following the A day Algebra II course.

**H3351 College Algebra** **Year** **1 Credit** **Grade 11-12**  
*Prerequisite: Successful completion of an Algebra II course.*

This course begins with a review of polynomials, exponents, and radicals. This is followed by a study of equations and inequalities, lines, transformations, composite functions, inverse functions, polynomial functions, rational functions, exponential and logarithmic functions, and systems of equations and inequalities.

### **H3352 College Algebra Dual Credit (wg)**

**Year**

**1 Credit**

**Grade 11-12**

*Prerequisite: Successful completion of an Algebra II course and pass the MSU math placement test OR score a 22 on the math portion of the ACT by May.*

This course 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. Students enrolled in Dual Credit are required to take the MSU final during the Spring Semester.

*MTH 136- Precalculus I (MSU)*

### **H3353 College Algebra AB**

**Year**

**Grade 12**

*Prerequisite: Successful completion of an Algebra II course.*

This course reinforces the concepts 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, and systems of equations and inequalities. This is a math course that meets on the B day following the A day college algebra course.

### **H3406 Pre-Calculus (wg)**

**Year**

**1 Credit**

**Grade 11 -12**

*Prerequisite: Successful completion of an Algebra II course.*

This is a course that includes a study of equations and inequalities, polynomial and rational functions, exponents and logarithms as well as graphing. In addition, the class offers lessons on right triangle trigonometry, trigonometric and circular functions, trigonometric identities, 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.

### **H3501 AP Calculus (wg)**

**Year**

**1 Credit**

**Grade 12**

*Prerequisite: Successful completion of a Pre-Calculus course and faculty approval.*

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. *To stay consistent with the mission of College Board in preparing students for college success and opportunity, students enrolled in this AP course are required to take the class final in both the fall and spring semester and have the option of taking the AP exam.*

### **H3412 Mathematical Analysis**

**Year**

**1 Credit**

**Grade 12**

*Prerequisite: Successful completion of an Algebra II course.*

In this course, students will continue the study of mathematical concepts introduced in previous courses.

## Science

### **H4303 Physics I**

**Year                      1 Credit                      Grade 9**

This course provides students with exposure to the fundamental principles and processes of the physical world. The main objective is to excite students about the wonders of science while focusing and applying physical concepts. This course will expand on topics including electricity, motion, forces, and energy. The course is laboratory based where students will discover and verify physical laws.

### **H4361 AP Physics (wg)**

**Year                      1 Credit                      Grade 11-12**

*Prerequisites: Minimum score of B- in Physics I and completion or concurrent enrollment in Algebra II.*

This course is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through classroom study, in-class activity, and hands-on, inquiry -based laboratory work as they explore concepts like systems, field, force interactions, change, conservation, and waves.

### **H4255 Chemistry I**

**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 who are not contemplating advanced studies in science.

### **H4261 Chemistry II (wg)**

**Year                      1 Credit                      Grade 11-12**

*Prerequisites: Minimum score of B- in Chemistry I and completion or concurrent enrollment in Algebra II.*

This course takes an in depth look at the study of the properties and changes in matter. Course emphasizes topics such as: solutions, equilibrium, electrochemistry and thermodynamics. A laboratory component will be used to investigate such topics. As an advanced science course, Chemistry II assumes that its participants have a strong interest in science and a desire to engage in rigorous study.

### **H4265 AP Chemistry (wg)**

**Year                      1 Credit                      Grade 11-12**

*Prerequisites: Minimum score of B- in Chemistry I and completion or concurrent enrollment in Algebra II.*

AP Chemistry is an introductory college-level chemistry course. Students cultivate their understanding of chemistry through inquiry-based lab investigations as they explore the four Big Ideas: scale, proportion, and quantity; structure and properties of substances; transformations; and energy.

### **H4100 Biology I**

**Year                      1 Credit                      Grade 11**

This course is designed to teach the basics of biological concepts. Topics include cell structure and function, biodiversity, genetics, and evolution. This class includes a laboratory component.

### **H4150 Anatomy and Physiology (wg)**

**Year                      1 Credit                      Grade 11-12**

*Prerequisite: Successful completion or concurrent enrollment in a biology course.*

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, Endocrine, 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.

### **H4161 AP Biology (wg)**

**Year**

**1 Credit**

**Grade 11-12**

*Prerequisite: Faculty approval. See AP Policy, page 3. Recommended for seniors and juniors with approval.*

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 to two semesters of a college-level introductory biology class. Topics covered will include molecules and cells, heredity and evolution, and ecology. This course includes an intensive laboratory component. *To stay consistent with the mission of the College Board in preparing students for college success and opportunity, students enrolled in this AP course are required to take the class final in both the fall and spring semester and have the option of taking the AP exam.*

### **H4401 Earth and Space Science**

**Year**

**1 Credit**

**Grade 10**

This course is a survey of earth systems and structure. Topics include cartography, geology, meteorology, and astronomy. Classroom instruction, projects, and laboratory experiments will allow students to expand on previous knowledge. This class is conceptual in nature and does not use higher level mathematics. Environmental Science topics will be added throughout the year.

### **H4551 Forensics**

**Semester**

**0.5 Credit**

**Grade 11-12**

*Prerequisite: Successful completion or concurrent enrollment in a biology course.*

This course is the application of basic biological, chemical, and physical science principles and technological practices to study criminal and civil issues. It will cover pathology, anthropology, ballistics, trace evidence, biological fluids, DNA, and fingerprints. This is a laboratory and project based class in which students will become investigators and apply the process of science to real-life scenarios.

### **H4556 Science Olympiad**

**Semester**

**0.5 Credit**

**Grade 9-12**

*Prerequisite: Needs to be on the science olympiad team*

Science Olympiad is an international non-profit organization devoted to improving the quality of science education, increasing student interest in science and providing recognition for outstanding achievement in science education by both students and teachers. This will be in the 2nd semester and will conclude with a variety of science olympiad contests.

## **Foreign Language**

**Spanish I & II or French I & II are required.**

### **H5110 Spanish I**

**Year**

**1 Credit**

**Grade 9 -12**

This course introduces students to the Spanish language and provides opportunities for communication in real-life situations through speaking, reading, writing and listening. Knowledge about the various Spanish-speaking cultures is also learned.

**H5120 Spanish II****Year 1 Credit Grade 10-12**

This course builds on the knowledge learned in Spanish 1, with more of an emphasis on grammar and speaking skills. Class will be conducted mostly in Spanish. Students will be expected to participate in the language, complete grammar exercises as homework, and supplemental materials for class.

**H5131 Spanish III (wg)****Year 1 Credit Grade 11-12**

This course builds on the knowledge learned in Spanish II, with more of an emphasis on grammar and speaking skills. The classroom environment is focused on speaking, reading, and writing.

**H5140 Spanish IV (wg)****Year 1 Credit Grade 12**

This course is an extensive language course that provides the students with a learning experience equivalent to that of a first year college course in Spanish. The students are expected to use Spanish to address each other in class discussions, oral presentations, and written assignments. The class will focus on reading, writing, speaking, and listening in Spanish.

## Health and Physical Education

**H6104 Girls Health****Semester 0.5 Credit Grade 9**

This course is the study of the human body, its habits and stresses as well as interrelated factors which high school students face today. Emphasis is placed on making mature value judgments concerning the individuals own health. Current health issues are also studied. Thirty minutes of cardiopulmonary resuscitation instruction and training in the proper performance of the Heimlich maneuver or other first aid for choking will be taught.

**H6106 Boys Health****Semester 0.5 Credit Grade 9**

This course is the study of the human body, its habits and stresses as well as interrelated factors which high school students face today. Emphasis is placed on making mature value judgments concerning the individuals own health. Current health issues are also studied. Thirty minutes of cardiopulmonary resuscitation instruction and training in the proper performance of the Heimlich maneuver or other first aid for choking will be taught.

**H6204 Girls Physical Education****Semester 0.5 Credit Grade 9**

This course covers 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.

**H6206 Boys Physical Education****Semester 0.5 Credit Grade 9**

This course covers 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.

**H6215 Individual and Dual Sports****Semester 0.5 Credit Grade 10-12**

This course will develop recreational skills that can carry over to lifetime activities. The student will learn rules, strategies, and proper safety procedures for equipment used in those sports and activities studied. The student will

actively participate in and show proficiency in skills and knowledge in individual and dual activities and sports which may include, but not limited to golf, badminton, table tennis, rhythms, aerobic exercise, pickleball, archery, etc.

### **H6230 Total Body Fitness**

**Semester 0.5 Credit Grade 10-12**

This course is designed to provide each student with the knowledge needed to understand the importance of strength and fitness training. The student will improve their muscular strength and endurance through weight training exercises, dynamic warm up, flexibility exercises, plyometric exercises and cardiovascular activities through speed and agility training. Students will set goals for personal improvement and achievement and will leave class a better fit person for any desired physical activity. It is our goal to give knowledge and motivation for each student to achieve lifetime personal fitness.

### **H6275 Adventure Education**

**Semester 0.5 Credit Grade 11-12**

*Prerequisite: .5 credit of physical education.*

This course will allow students to learn and/or participate in a variety of outdoor activities common in our native Ozark region. Students will participate in water safety and hunter safety certification programs, and archery.

## **Fine Arts**

### **H7110 Art I**

**Year 1 Credit Grade 9-12**

This course 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.

### **H7120 Art II**

**Year 1 Credit Grade 10-12**

*Prerequisite: Art I*

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

### **H7132 Art III (wg)**

**Year 1 Credit Grade 11-12**

*Prerequisite: Faculty approval required.*

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

### **H7142 AP Art IV (wg) (2D, 3D and Drawing)**

**Year 1 Credit Grade 12**

*Prerequisite: Faculty approval required. Art 1-3 are prerequisites*

This course is an individualized program of study consisting of a variety of portfolio projects focusing on principles of design, including printmaking, advertising, calligraphy, image manipulation, and photomontage. 2D, 3D and Drawing will be offered. Portfolios will be submitted to the College Board in May. Art 1-3 are prerequisites to AP Art IV.

### **H7204 Irish Fusion**

**Year 1 Credit Grade 10-12**

*Prerequisite: Faculty approval required.*

This course is available to students who play instruments including, but not limited to, guitar, bass, piano, drums, and vocals. Students must be proficient on their selected instrument. It develops technical and musical skills in the various

popular styles of music from the last 100 years. Irish Fusion performs at select high school basketball games in addition to their appearance at the fall/spring band concert. The group also may be asked to play at various other events including pep assemblies and parades. Members have the opportunity to audition for District Honor Jazz Band and All-State Jazz Band. Irish Fusion is a year-long course and will require individual home practice in order for the student to meet course objectives and expectations

**H7207 Advanced Irish Fusion (wg) Year 1 Credit Grade 11-12**

*Prerequisite: Successful completion of two years of high school band AND faculty approval.*

This course is available to students who have successfully completed two years band/Irish Fusion in high school. Students transferring into Springfield Catholic High School must have been a member of their respective high school jazz band for two previous years. The Advanced Irish Fusion functions alongside Irish Fusion, as both bands will meet together during the school day. Students must complete all requirements of Irish Fusion in addition to extra assignments and projects, including: preparing and auditioning for All District Jazz Band, and researching and presenting a topic pertaining to a relevant topic in music. Advanced Irish Fusion is a year-long class and will require individual home practice in order for the student to meet course objectives and expectations.

**H7203 Concert Band Year 1 Credit Grade 9-12**

This course is open to students who have successfully completed the middle school band curriculum of the Springfield Catholic School System. Students transferring into Springfield Catholic High School must have been a member of their respective middle school band or high school band program. Students who wish to join the concert band that have NOT successfully completed the middle school band curriculum are welcome to join through an audition process and approval of the band director. 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 large ensemble contests. Members have the opportunity to audition for District Honor Band, District Jazz Band, All-State Band, All-State Jazz Band and participate in District Solo and Small Ensemble Festivals. Concert Band is a year-long class and will require individual home practice in order for the student to meet course objectives and expectations.

**H7208 Advanced Concert Band (wg) Year 1 Credit Grade 11-12**

*Prerequisite: Successful completion of two years of high school band.*

This course is available to students who have successfully completed two years of concert band in high school. Students transferring into Springfield Catholic High School must have been a member of their respective high school band program. The Advanced Concert Band functions alongside the regular concert band, as both bands will meet together during the school day. Students enrolled in Advanced Concert Band students must complete all requirements of regular concert band in addition to extra assignments and projects, including: preparing and auditioning for District Honor Band, and take either a solo or ensemble to MSHSSA Solo and Ensemble Festival. Advanced Concert Band is a year-long class and will require individual home practice in order for the student to meet course objectives and expectations.



**H7215 Piano Lab****Year****1 Credit****Grade 9**

This course is a year-long course designed to coach students in keyboard skills. Students can be at any skill level - beginner, intermediate, or advanced. The course will cover music theory and literacy skills in relation to the keyboard. Class format will be lecture, small groups, private practice time, small projects, activities, and tests.

**H7251 Concert Choir****Year****1 Credit****Grade 9-12**

This course is a non-auditioned choral performing group open to all singers in grades 9 – 12. Concert Choir performs three concerts per year, tour in the community, and often performs at State Choir Contests. Members have the opportunity to audition for District Honor Choir, All-State Choir, and participate in District Solo and Small Ensemble Festivals. Significant time is devoted to building strong singing techniques, thorough note reading ability, and appreciation for a varied repertoire. The choir sings music from various periods in a variety of genres, including sacred and standard repertoire.

**H7252 Advanced Concert Choir (wg)****Year****1 Credit****Grade 11-12**

*Prerequisite: Successful completion of two years of high school choir.*

This course is available to students who have successfully completed two years of choir in high school and have exhibited outstanding leadership and singing ability in the Concert Choir setting. Students enrolled in Advanced Concert Choir are required to audition for District Honor Choir and also required to take either a solo or ensemble to MSHSSA Solo and Ensemble Festival. Advanced Concert Choir is a year-long class that meets at the same time as Concert Choir. It is essentially the same ensemble with some elements required as opposed to optional, and the expectation for leadership from advanced students is high.

**H7253 Irish Singers****Year****1 Credit****Grades 10-12**

*Prerequisite: Enrollment in Show Irish Singers is by audition.*

This course is an auditioned performance-based choral ensemble focusing on advanced choral literature, ranging from early music to 21st century music. Students must complete one year of Concert Choir before being eligible to audition for Irish Singers performs three concerts per year, tours in the community, and performs at State Choir Contest. Members are encouraged to audition for District Honor Choir, All-State Choir, and participate in District Solo and Small Ensemble Festivals. Students transferring into Springfield Catholic High School who wish to audition for Irish Singers must have been a member of the Concert Choir equivalent in their high school choir program.

**H7254 Advanced Irish Singers (wg)****Year****1 Credit****Grades 11-12**

*Prerequisite: Successful completion of two years of high school choir AND audition into the choir.*

This course is available to students who have successfully completed two years of choir in high school, and qualify to audition into Irish Singers. Students transferring into Springfield Catholic High School must have been a member of their respective high school choir program. The Advanced Irish Singers functions alongside the regular Irish Singers, as both choirs will meet together during the school day. Advanced Irish Singers students must complete all of the following: preparing and auditioning for all district choir, preparing and performing at Solo and Small Ensemble Contest. Advanced Irish Singers is a year-long class and will require individual home practice in order for the student to meet course objectives and expectations. The demand for leadership from Advanced Irish Singers is high.

## Practical Arts

### **H8110 Multimedia**

**Semester 0.5 Credit Grade 9**

*NOTE: Multimedia fulfills the computer science requirement for graduation.*

This course is designed to provide a basic understanding of computer concepts and applications. Topics will include essential concepts of computers, the Internet, software basics, multimedia, files and storage, ethics, safety and current trends. The student will learn applications for word processing, file organization, and presentation graphics in the Microsoft environment using Word and PowerPoint. Skills taught in this course should prepare each student for efficient preparation of high school documents and presentations across the curriculum. Students will also be introduced to Audacity and Movie Maker,

### **H 8112 Robotics**

**Semester .500 Credit Grade 10-12**

*Prerequisite: Teacher approval*

Robotics is a lab-based course that is appropriate for 10th - 12th grade students who are interested in the design, engineering and programming of robots or other technical careers. The class uses a hands-on approach to introduce the basic concepts of robotics, focusing on the construction and programming of autonomous mobile robots. Course information will be tied to lab experiments; students will work in groups to build and test increasingly more complex mobile robots, culminating in an end-of-semester robot contest. Students will use Java as the programming language for the robot. This course will be combined with the Robotics Club that will meet after school, once a week. Students do not need to be in the robotics club but they will create their own robots just like the club.

### **H8113 Robotics II (wg)**

**Year 0.5 Credit Grade 11-12**

*Prerequisite: Teacher approval and fulfilled Robotics I*

This course will be combined with the Robotics Club that will meet after school, once a week. Students do not need to be in the robotics club, but they will create their own robots just like the clubs.

### **H8119 Introduction to Excel**

**Semester 0.5 Credit Grades 11-12**

This course aims to provide you with a foundation for Excel knowledge and skills.

Upon successful completion of this course, you will be able to create and develop Excel worksheets and workbooks in order to work with and analyze data.

- Perform calculations.
- Modify a worksheet.
- Format a worksheet.
- Print workbooks.
- Manage workbooks.
- Work with functions.
- Work with lists.
- Analyze data.
- Visualize data with charts.
- Use PivotTables and PivotCharts.
- Work with multiple worksheets and workbooks.
- Use Lookup functions and formula auditing.

- Share and protect workbooks.
- Automate workbook functionality.
- Create sparklines and map data.
- Forecast data.

**H8128 AP Computer Science Principles (wg)                      Year              1 Credit              Grade 10-12**

***Prerequisite: Completion of Algebra I with an 80% or higher and faculty approval.***

This course introduces students to computer science concepts such as computer architecture, networks, and the Internet. Students use object-oriented programming, Python language, event-driven processes, modular computer programming, and data manipulation algorithms to produce finished software programs. They use the design process to create many programs by determining specifications, designing the software, and testing and improving the product until it meets the specifications. By the end of this course, students will have a solid foundation for further study in computer science. ***To stay consistent with the mission of College Board in preparing students for college success and opportunity, students enrolled in this AP course are required to take the class final in both the fall and spring semester and have the option of taking the AP exam.***

**H8130 AP Computer Science A (wg)    1.0 Credit              Grade 11-12**

***Prerequisite: Successful completion of AP Computer Science Principles and department approval.***

This course is an introduction to the theory and practice of computer programming, the emphasis of this course is on techniques of program development within the object-oriented paradigm. Topics include control structures, objects, classes, inheritance, simple data structures, arrays, and basic concepts of software development. Students will be using Java as the basis for learning computer programming. Students will also be programming prebuilt robots to experiment with programming language to see how the language works. ***To stay consistent with the mission of College Board in preparing students for college success and opportunity, students enrolled in this AP course are required to take the class final in both the fall and spring semester and have the option of taking the AP exam.***

**H8135 Personal Finance    Semester              0.5 Credit              Grade 11-12**

***NOTE: Successful completion of Personal Finance is required for graduation***

This 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. 3 free credit hours are available through OTC if you receive at least an 80% grade at the end of the course.

**H8145 Marketing    Year                      1 Credit              Grade 10-12**

This course includes an emphasis on marketing principles and introduces marketing careers. Topics covered include the fundamentals of marketing: (product development, pricing strategies, promotional systems, and physical distribution), human relations communications; free enterprise economics; marketing operations; e-commerce; management skills and business applications of the microcomputer. Learning activities may include role-playing, advertising layouts, promotional campaigns, and team management projects. Marketing is a co-curricular class with DECA.

**H8256 Marketing II (wg)** **Year** **1 Credit** **Grade 11-12**

This course includes the strengthening of the marketing principles and marketing careers. Marketing II is a co-curricular class with DECA.

**H8247 Marketing III (wg)**

This course includes the strengthening of the marketing principles and marketing careers. Marketing III is a co-curricular class with DECA.

**H8150 Accounting I** **Year** **1 Credit** **Grade 10-12**

Accounting is designed to introduce students to accounting concepts and the Accounting Period Cycle. This class is highly recommended for students wanting to major in business, own their own business, or working in bookkeeping, personal financial management, or as an administrative assistant. Students will journalize entries, post to ledgers, and close books to prepare financial statements. Payroll and banking activities will also be covered.

Juniors and Seniors have the opportunity to receive three Free credit hours from OTC if they receive at least an 80% at the end of the year.

**H8152 Accounting II (wg)** **Year** **1 Credit** **Grade 11-12**

*Prerequisites: "C" or better in Accounting I*

This course expands on the knowledge obtained from Accounting I. Students will learn departmentalized and corporate accounting procedures and continue their computer knowledge.

**H8153 Accounting III (wg)**

*Prerequisites: "C" or better in Accounting II*

This course expands on the knowledge obtained from both Accounting I and Accounting II. Students will expand corporate accounting knowledge procedures and managerial accounting. If time, we will explore internal controls and other organizational structures.

**H8205 Teen Living** **Semester** **0.5 Credit** **Grade 10**

This course is 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, and clothing construction and care.

**H8210 Foods I** **Semester** **0.5 Credit** **Grade 11 -12**

This course teaches students the proper use of tools and equipment, the basics of food preparation, and the importance of teamwork and safety in the kitchen.

**H8215 Foods II** **Semester** **0.5 Credit** **Grade 11-12**

This course emphasizes nutrition for healthful living. Students will learn to purchase, prepare, and serve nutritious meals. Laboratory experiences will provide students the opportunity to prepare food for formal and informal entertaining, international cuisine, and meal planning on a budget.

### **H8240 Child Development I**

**Semester 0.5 Credit Grade 11-12**

This course allows students to gain an understanding of the development and care of children. Laboratory observation and actual experiences with children are an important part of the instruction. Areas of study include: parenting choices; heredity and human reproduction; conception through preschool development. This course is valuable to both males and females for developing effective parenting skills.

### **H8245 Child Development II**

**Semester 0.5 Credit Grade 11-12**

This course provides students the opportunity to apply and expand knowledge learned in Child Development I. The focus is early school age development. During the scheduled class period (last four weeks of school), students will experience working as an intern at a local child care facility or school with classroom instruction. Students will be responsible for their own transportation to and from the work site.

### **H8310 Beginning Elements of Gardening**

**Semester 0.5 Credit Grade 11-12**

This course teaches the basics of home gardening and plant production with the addition of a greenhouse setting. Students will spend the majority of their time working in a garden or in the greenhouse learning the essentials of planting and germination techniques. Students will also learn identification of plants, pest management, garden maintenance, composting, cooking with garden produce and research issues surrounding food and society.

## **Miscellaneous**

*\*For MSHSAA Academic eligibility standards only.*

*Students will not receive a grade for Supervised Study.*

*NOTE: Students cannot enroll in more than one study hall period per academic day.*

### **H8801/H8802 Supervised Study**

**Semester 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.

### **H9100 A+ Program**

**Semester 0.5credit Grades 11-12**

This course will provide students the opportunity to accrue the required 50 tutoring/mentoring hours for the A+ program. There will be required course work as well as approved paperwork for tutoring on or off campus. This program provides scholarship funds to eligible graduates of A+ designated high schools who attend a participating public community college or vocational/technical school, or certain private two-year vocational/technical schools. If interested it is important to see Mr. Page as early as your freshman year, although students may not enroll in this course prior to junior year. Students need to be enrolled in class to receive HS credit.

### **H8250 Driver's Education**

**Semester 0.5 credit Grade 10-12**

*NOTE: Students must be at least 15 years old and hold a current driver's permit from the State of Missouri.*

This course is intended to help students recognize and describe automobile driving as primarily a mental and social activity involving the interaction of people, vehicles, and environment in a complex transportation system. Students will learn defensive driving techniques that lay the groundwork for safe driving habits. This course will also define traffic regulations and help students recognize the various situations and conditions under which they apply. Driver's Education will provide the student with a fundamental knowledge of automobiles and how to operate, care for, and maintain them.

Driving will not be part of this class.

### **H8550 Internship**

**Semester 0.5 credit Grade 12**

This program is designed to allow students the opportunity to attend a workplace in order to get hands-on experience. This program provides a path that helps the student learn more about a career that interests them. The student is able to choose the occupation they wish to observe.

### **H9000 GOCAPS**

**Year 4 credits Grade 12**

Springfield Catholic High School offers senior students the option to apply for the GO CAPS program. GO CAPS gives seniors the chance to explore their interests in five areas: Engineering and Manufacturing, Business and Entrepreneurship, Medicine and Health Care, Teacher Education and IT and Software Solutions. Students attend a morning session (8-10:30 a.m.) or an afternoon session (Noon -2:30 p.m.) every day throughout the school year. These sessions also allow for dual credit opportunities through Missouri State University and Ozarks Technical Community College.

### **H9200 OTC CAREER CENTER**

**Year 2 credit Grade 12**

This program offers students to begin their careers as they learn within the OTC Career Center. Seniors earn free college credit to become college and career ready. Qualified students can earn free college credits of career-specialized technical education programs. Plus, students participate in hands-on learning taught by local industry experts, while utilizing state-of-the-art equipment. OTC Career Center students attend one of two instructional block periods scheduled Monday through Friday. The morning period begins at 8:00 a.m. and ends at 10:30 a.m. The afternoon period begins at 12:20 p.m. and ends at 2:50 p.m. Students must apply with OTC Career Center.

### **SCHS Online H8900**

These courses will be offered for Online Dual Credit 2019-2020 with Drury University. The cost for an online course is \$270.00. It is important to check with the college(s) of interest to see how these classes transfer. Paperwork must be submitted at the beginning of the semester in the academic office. Questions?? See Mrs. Randell or Mrs. Bolls.