Sprayberry High School Elective Registration
2026/2027
<u>Elective Registration Instructions – please read carefully.</u>

Your core teachers should have talked with you regarding your core classes (Language Arts, Math, Science, and Social Studies). They discussed your placement in these classes for the 2026/2027 school year at Sprayberry High School. You have the opportunity to request your electives choices for the next school year. Note that requesting the same selection multiple times does NOT increase your chances of being placed in the class, select classes YOU are interested in taking and choose 5 different selections.

Read the course descriptions below and choose electives that interest you. **Pay close attention that you have credit for any required prerequisite(s) for chosen electives.** These are classes that you will need to have taken and passed, prior to taking the chosen class.

You will need to choose and rank FIVE electives you are interested in taking next school year.

You will be scheduled in your electives in the order they have been selected if available. If your first choice is full, you will be given your second choice. If your second choice is full, then you will be given your third choice. This will continue until you obtain a full schedule. Please realize that if you do not choose enough electives, if your elective choices are full, or if you choose electives that you do not have the proper prerequisite for, then your electives will be chosen randomly by the computer.

Some elective classes are scheduled by your current elective teachers. These are Band, Orchestra, Chorus, NJROTC, and Weight Training (if you are an athlete).

You DO NOT need to choose Band, Orchestra, Chorus, ROTC if you are currently in these classes, or Weight Training **if you are an athlete**. Even if you registered for one or more of these classes, you should choose <u>other</u> electives on your form.

There will be a help desk available during lunches for students who have questions about elective selection.

2/24 – Help Desk Available for 9th Grade Elective Registration
2/25 – Help Desk Available for 10th Grade Elective Registration
2/26 – Help Desk Available for 11th Grade Elective Registration
2/27 – Help Desk Available for Registration for Absent Students

Elective registration will take place 2/23-2/27 through an online form.

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Elective Course Descriptions

English

Prerequisite(s) required:

Mythology (Prerequisite: 9th Literature): This course introduces the importance of myths and tales of classical mythology, focusing on a comparative study of plot, characters, themes, and figurative devices. The course emphasizes the following: critical and analytical skills, vocabulary development, a study of the influences of Greek, Roman, and Norse word origins on the English language, and composition.

Math

Prerequisite(s) required:

AP Statistics (Prerequisite: Adv. Algebra): This course is divided into four major themes: exploratory analysis, planning a study, probability, and statistical inference. Exploratory analysis of data makes use of graphical and numerical techniques to study patterns and departures from patterns. Probability is the tool used to anticipate future behavior of data associated with a given model.

AP Calculus AB (Prerequisite: Precalculus): a course in single-variable calculus that includes techniques and applications of the derivative, techniques, and applications of the definite integral, and the Fundamental Theorem of Calculus. It is equivalent to at least one semester of calculus at most colleges and universities. Algebraic, numerical, and graphical representations are emphasized throughout the course

AP Calculus BC (Prerequisite: AP Calculus AB): is a course in single-variable calculus that includes all the topics of Calculus AB (techniques and applications of the derivative, techniques, and applications of the definite integral, and the Fundamental Theorem of Calculus) plus additional topics in differential and integral calculus (including parametric, polar, and vector functions) and series.

Science

Prerequisite(s) required:

Zoology (Prerequisite: Biology): This course is a systematic study of the animal kingdom and their basic identification characteristics. Emphasis is placed on comparative anatomy and on the methods that each phyla uses to accomplish basic life processes.

Honors Human Anatomy (Prerequisite: Biology): This course is designed for students interested in pursuing advanced sciences or careers in science, engineering, or medicine.

Astronomy (Prerequisite: Algebra and Geometry): This course promotes the study of the matter and energy beyond the earth's atmosphere and the relationship between the earth and that matter and energy. Topics include the structure and origin of planets and planetesimals, stars, galaxies and galaxy clusters, dark matter, the edge of the universe, and the energy of the universe.

Forensic Science (Prerequisite: Biology): Students will learn the scientific protocols for analyzing a crime scene, how to use chemical and physical separation methods to isolate and identify materials, how to analyze biological evidence and the criminal use of tools, including impressions from firearms, tool marks, arson, and explosive evidence.

AP Biology (Prerequisite: Biology and Chemistry): This course is designed to be the equivalent of a college introductory biology course. The AP course provides students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology.

AP Chemistry (Prerequisite: Chemistry): This course is designed to be the equivalent of a college introductory chemistry course. The AP course expands the knowledge and skills gained during the introductory high school chemistry course. It provides students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of chemistry.

AP Physics 1 (Prerequisite: Physics): This course is equivalent to a first-semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum), work, energy, power, mechanical waves, and sound. It will also introduce electric circuits.

AP Environmental Science (Co-requisite: Chemistry): This course involves scientific systematic examination of the interrelationships of the natural world, and the student will be able to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them.

Social Studies

No prerequisite required:

Sociology: This course is the study of human society and social behavior. The purpose of the course is to provide students with a basic understanding of how humanity is shaped by the groups to which people belong and by the social interaction that take place within those groups. Societal problems in the United States will also be discussed.

Psychology: This course gives a general overview of the principles and concepts of psychology, including learning theory, perception, intellectual, and social development, abnormal behavior, and interpersonal relationships. The purpose of this course is to provide students with a better understanding of the dynamics that shape our own behaviors as well as the behaviors of others.

Current Issues: This course provides an opportunity for in-depth examination of contemporary local, state, national and international issues. The purpose of this course is to assess, assimilate and analyze political and economic situations.

Prerequisite(s) required:

AP African American Studies (Prerequisite: Honors or AP World History or US History): AP African American Studies is an interdisciplinary course that examines the diversity of African American experiences through direct encounters with rich and varied sources. Students explore key topics that extend from early African kingdoms to the ongoing challenges and achievements of the contemporary moment. Student course work includes research-based assignments, as well as a culminating independent project.

AP Art History (Prerequisite: Honors or AP World History): This course is a college level survey course that introduces art history through works of art from antiquity to the present. Covers style, symbolism, media, subject matter, and the purposes of art and artist. Explores the technological, economic, religious, political, and social influences on development of architecture, painting, sculpture, and other art forms. Emphasizes the relationship of history to art criticism, aesthetics, and art productions.

AP Psychology (Prerequisite: Honors or AP World History): This course is a college level survey course with study in Learning Theory, Abnormal Behavior, and Social Psychology. Extensive reading, writing, and statistical analysis are required by students.

US History in Film (Prerequisite: Must be a Junior or Senior): Explores United States History through film. This course includes analysis and interpretation of events through both print and film.

World Languages

No prerequisite required:

French 1: This course is an introduction to the language and culture of France and other French speaking countries. The course will enable students to attain a beginner's level of proficiency in listening, speaking, reading, and writing, with an emphasis on oral proficiency.

Spanish 1: This course is an introduction to the language and culture of Spain and other Spanish speaking countries. The course will enable students to attain a beginner's level of proficiency in listening, speaking, reading, and writing, with an emphasis on oral proficiency.

OTHER LANGUAGE LEVELS:

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Levels 2, 3, 4, and 5 of World Language will be recommended by your current World Language teacher or by special request during elective registration

Physical Education

No prerequisite required: <mark>(You can only choose up to 2 PE courses)</mark>

Weight Training: This course is designed to introduce students to a weight training program that will promote overall body fitness. The students will be exposed to several types of weight equipment and methods of training with weights. The student will also gain knowledge of the several types of exercises, correct techniques of executing the various exercises, proper breathing, and the safety factors involved in spotting.

Team Sport: This course is designed to introduce students to three different team sports, with no one sport less than 4 weeks or longer than 8 weeks. Those from which the selection is made include the following: basketball, gym hockey, soccer, speedball, flag football, ultimate Frisbee, team handball, softball, and volleyball. Others may be substituted depending upon facilities and equipment. This course will offer students the opportunity to learn the history, rules and regulations, etiquette, strategy and judgment, and the basic motor skills of each selected activity.

Health/Personal Fitness Combined*: _This course is a graduation requirement_. It provides a direct and factual approach to health education that is practical, personal, and positive. Health topics include safety, drug education, nutrition, personal health, growth and development building self-esteem and relationship skills. By acquiring the knowledge, attitudes, and skills necessary to a healthful life, students learn to take responsibilities for their own health. It is designed to help students understand why exercise and fitness are important in developing a healthy and active lifestyle

Fine Arts

No prerequisite required:

Mixed Chorus: This course provides opportunities to develop performance skills and knowledge in mixed choral singing. Covers performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music and appreciation of music. Organizes objectives for self-paced progress through all four levels. Stresses individual progress and group experiences.

Technical Theatre 1 - 4: This course explores the definition, design, and use of technical elements associated with theatre sets, props, costumes, makeup, lights, and sound

Theatre Fundamentals: This course serves as a prerequisite for other theatre/drama courses. The course develops and applies performance skills through basic vocal, physical, and emotional exercises and includes improvisation and scene study and related technical art forms.

Visual Arts Comprehensive: This course introduces art history, criticism, and studio production. It emphasizes the ability to understand and use the elements of art and principles of design through a variety of media processes and visual resources.

Prerequisite(s) required:

Advanced Drama 1 – 4 (Prerequisite: Theatre Fundamentals): Studies the artistic, technical, management, and performance elements of a live theatre production. As a part of the planning, rehearsal, and performance, students assume positions of responsibility and demonstrate basic knowledge and skills in acting, directing, artistic criticism, script analysis, staging, character creation, vocal techniques, and physical movement. Students recognize the responsibilities of the producer, director, actors, designers, technicians, and managers through collaboration in the creation of a theatre performance.

Visual Arts Pathways: These courses introduce drawing and painting techniques and a variety of drawing and painting media. They emphasize development of drawing and painting skills and utilize problem solving skills to achieve desired results. Exhibition and presentation opportunities are provided.

       Ceramics (Prerequisite: VA Comprehensive)
       Drawing and Painting 1 (Prerequisite: VA Comprehensive)
       Drawing and Painting 2 (Prerequisite: Drawing and Painting 1)

AP Studio Art (Prerequisite: Drawing and Painting 2)

Career, Technical, & Agricultural Education (CTAE)

***Culinary Arts Pathway*:** This pathway focuses on creating a complete foundation and understanding of Culinary Arts leading to post-secondary education or a foodservice career.

Introduction to Culinary Arts (no prerequisite required) is a course designed to introduce students to fundamental food preparation terms, concepts, and methods in Culinary Arts where laboratory practice will parallel class work. Fundamental techniques, skills, and terminology are covered and mastered with an emphasis on basic kitchen and dining room safety, sanitation, equipment maintenance and operation procedures.

> **Culinary Arts 1** (Prerequisite: Intro to Culinary)
> **Culinary Arts 2** (Prerequisites: Intro to Culinary and Culinary Arts 1)

Audio Video Pathway: This pathway is designed to assist students in mastering skills necessary to gain entry level employment or to pursue a post-secondary degree or certificate in broadcast video production.

Audio and Video Technology and Film 1: This course is the foundational course in the Audio and Video Technology and Film pathway. The course prepares students for employment or entry into a postsecondary education program in the audio and video technology career field. Topics covered may include, but are not limited to terminology, safety, basic equipment, script writing, production teams, production and programming, lighting, recording, and editing, studio production, and professional ethics.

> **Audio Video Technology and Film 2** (Prerequisite: Audio Video Technology and Film)
> **Audio Video Technology and Film 3** (Prerequisite: Audio Video Technology and Film 2)
> **Broadcast/Video Production Applications** (Prerequisite: Audio Video Technology and Film 3)
> **Broadcast/Video Production Lab** (Prerequisite: Broadcast/Video Production Applications)

Personal Care Services/Cosmetology Pathway: This pathway is designed to help students pursue their interests in cosmetology and to prepare them for the requirements set forth by the State Board of Cosmetology

Introduction to Personal Care Services (Cosmetology): This course introduces both fundamental theory and practices of the personal care professions including nail technicians, estheticians, barbers, and cosmetologists. Emphasis will be placed on professional practices and safety. Areas addressed in this course: state rules and regulations, professional image, bacteriology, decontamination and infection control, chemistry fundamentals, safety, Hazardous Duty Standards Act compliance, and anatomy and physiology.

> **Cosmetology Services 2** (Prerequisite: Introduction to Personal Care Services)
> **Cosmetology Services 3** (Prerequisite: Cosmetology Services 2)

Engineering and Technology Pathway: Students will combine hands-on projects and rigorous curriculum to be prepared for challenging postsecondary engineering and technology problems; and build solid technical writing, comprehension, calculation, problem-solving, and technical skills.

Foundations of Engineering & Technology: The Foundations of Engineering and Technology is the introductory course for the Engineering and Technology Education pathways. This STEM driven course provides the students with an overview of engineering and technology including the different methods used in the engineering design process developing fundamental technology and engineering literacy.

> **Engineering Concepts** (Prerequisite: Foundations of Engineering & Technology)
> **Engineering Applications** (Prerequisite: Engineering Concepts)

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Healthcare Science Pathway: This pathway focuses on offering students the opportunity to pursue their interests in the field of healthcare.

Introduction to Healthcare Science: This course will enable students to receive initial exposure to the many Healthcare Science careers as well as employability, communication, and technology skills necessary in the healthcare industry. The concepts of human growth and development, interaction with patients and family members, health, wellness, and preventative care are evaluated, as well as the legal, ethical responsibilities of today's healthcare provider.

> **Essentials of Healthcare** (Prerequisite: Intro to Healthcare Science)
> **Allied Health & Medicine** (Prerequisite: Essentials of Healthcare)

Computer Science Pathway: this path focuses on computer programming, networks, and web design.

I**ntro to Software Technology:** This course is a foundational course for Web & Digital Communications, Programming, Advanced Programming, Information Support & Services, and Network Systems pathways. This course is designed for high school students to understand, communicate, and adapt to a digital world as it impacts their personal life, society, and the business world.

> **Computer Science Principles (Prerequisite: Introduction to Digital Technology and Algebra I)**
> **Programming, Games, Apps and Society (Prerequisite: Computer Science Principles)**
> **AP Computer Science A (Prerequisite: Computer Science Principles OR Adv. Algebra and a Senior)**

Graphic Design Pathway: This pathway focuses on procedures commonly used in graphic communication and design industries.

Intro to Graphics and Design: This course is designed as the foundational course for both the Graphics Production and Graphics Design pathways. The Graphics and Design course provides students with the processes involved in the technologies of printing, publishing, packaging, electronic imaging, and their allied industries. In addition, the Graphics and Design course offers a range of cognitive skills, aesthetics, and crafts that includes typography, visual arts, and page layout.

> **Graphic Design and Production (Prerequisite: Intro to Graphics and Design)**
> **Advanced Graphic Output Processes (Prerequisite: Advanced Graphic Design)**

NJROTC Pathway: All upper level NJROTC courses require the prerequisite of the course immediately before it (e.g., NJROTC 3 requires NJROTC 2 and NJROTC 5 requires NJROTC 4)

NJROTC 1: The purpose of this course is to combine all information on military drill and ceremonies, uniform regulations, physical fitness, orienteering, principles of health, first aid, survival, leadership, and communications.

NJROTC 2: The purpose of this course is to help students understand the missions, goals, and opportunities available as members of the NJROTC program. This course introduces students to the basic principles of leadership, which will prepare them for leadership roles in school and upon graduation. Students will gain an understanding of our nation, values, traditions, as well as becoming involved, responsible citizens. Must be registered for NJROTC1 to request this course.

NJROTC 3-4 (Prerequisite: NJROTC course immediately before it)

==**The electives listed below require a completed application and approval from the noted teacher. You WILL NOT be scheduled for these electives without this approval.**==

Journalism - **Must fill out an application and have your elective registration form signed by Ms. Passman (Room 226).**

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(Prerequisite: 9th Lit): This course explores journalistic writing through the analysis of yearbooks. It concentrates on the purpose, influence and structure, and language use. It also covers news gathering, ethics, copy writing, editing, and revising. The course includes layout, circulation, and production as minor aspects. This is a full year course. ***An approved application is required***.

Mentorship - **Must fill out an application and have your elective registration form signed by Ms. Pace (Attendance Office).**

Students who will be Juniors and Seniors, in good standing, can apply to serve as a student aide during the school year. Good standing means; no discipline or attendance issues and a GPA of 3.0 or higher. Students can serve one semester or two semesters during the school year. ***An approved application is required***.

Work Based Learning – **Must complete an online application and be approval by Mr. Pekkanen (Room 614).**

Work-Based Learning (Structured Work Experience) is a planned program of work experiences coordinated through your high school's Work-Based Learning Coordinator, Mr. Pekkanen . ***An approved application is required***.