

SHS



INDIANS

2022-2023

Course Descriptions

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*Strasburg School District
has the option to modify
any and all courses
offered in this booklet.*

*Courses may be changed due
to but not limited to student
requests, teacher availability,
room, and financial resources.*



LANGUAGE ARTS

English 9 – Foundations of Composition & Literature

Required for 9th grade

****Honors - Teacher Recommendation**

*****Core English Credit**

The purpose of the course is to examine the foundation of writing and literature. The course will consist of several novel units, several essay units, a short story unit, and a poetry unit. This course will provide students with a solid grasp of grammar and conventions. It examines the process of writing, teaches critical reading, as well as building vocabulary and recording skills.

****Honors** This course will meet the same objectives as the English 9 course, but will be taught at a higher level with more advanced reading material. Students will be required to do more independent reading and the expectations for writing assignments will be more rigorous.

English 10 – World Literature

Required for 10th grade

Prerequisite - Successful completion of English 9

****Honors - Teacher Recommendation**

*****Core English Credit**

The purpose of the class is to provide an understanding of the role of literature in many different world cultures as well as to continue building mastery of literary terms and conventions. The course will include several novel units, several essay units, a short story unit, and a poetry unit. Each unit will further develop both reading and writing skills and will be complemented with vocabulary and grammar lessons.

****Honors** The honors course will meet the same objectives as the English 10 course; however, while the focus of English 10 is on defining and identifying examples of literary concepts in the material, the honors course requires a heavier emphasis on abstract philosophical and sociopolitical themes. It will also require students to articulate coherent perspectives of these themes, making connections across disciplines and drawing from their larger experience as a student and citizen. Students must be willing and able to work through more difficult texts, ideas, and more philosophically-based discussions than in the English 10 class.

English 11

Required for 11th grade

Prerequisite - Successful completion of English 10

****Honors - Teacher Recommendation**

*****Core English Credit**

This course has four distinct categories of English which will be interwoven together in approximately 8 units of study, including novels, research, and poetry. We will be studying literature, writing, grammar, and vocabulary throughout these units. Study in this course focuses on the development of American literature. This course includes units on ACT test preparation and writing research papers.

****Honors** As in the regular English 11 course, the honors course has four distinct categories of English which will be interwoven together in approximately 8 units of study, including novels, research, and poetry. We will be studying literature, writing, grammar, and vocabulary throughout these units. Study in this course focuses on American, British and world literature. The honors course includes units on ACT test preparation and writing research papers. This course is designed for intellectually mature students with advanced writing and comprehension skills and to prepare students to enter a college-level literature course.

AP English Literature/English 12 (H)**Grade 12 Only****Prerequisite - Honors English 11 recommended******Honors – Teacher Recommendation******* English or Academic Elective Credit******* Summer reading required *****

The AP English Literature and Composition course is designed to engage students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students can deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. The course will include intensive study of representative works from various genres and periods, concentrating on works of recognized literary merit. Writing to understand a literary work may involve writing response and reaction papers along with annotation, free-writing, and keeping some form of a reading journal. Writing to explain a literary work involves analysis and interpretation, and may include writing brief focused analyses on aspects of language and structure. Students will have the opportunity at the end of the year to take the Advanced Placement exam and earn college credit. **Please note that if there is not a minimum number of students interested in the AP English Lit then this class will be considered an English 12 (H) class.

Young Adult Literature Class**Grades 11 - 12****Prerequisite - Successful completion of English 10*****Can be taken two times*******English or Academic Elective Credit**

This course aims to encourage students to read for pleasure by exposing them to a wide variety of critically-acclaimed young-adult novels which contain themes and characters that are highly relatable and immediately relevant to their lives and experiences. This course will address all reading, writing and communications standards. The following theme will be explored through high-interest contemporary novels: dystopia, awareness of differences; identity; loss & understanding; and, fantasy/science fiction.

Creative Writing & Contemporary Literature**Grades 11-12****Prerequisite - Successful completion of English 11*****Can only be taken one time*******English or Academic Elective Credit**

Fall Semester Students are introduced to elements and craft of various genres of creative writing, including narrative, verse, and dialogue, using materials drawn from individual's own work and selected novels from established writers. They will also practice writing in various student-selected genres.

Spring Semester Students explore the question, "What does it mean to be a hero?" Coursework includes looking at literature featuring ordinary people who find themselves in circumstances that require extraordinary acts and examines these acts in relation to the archetypal hero's journey. Covers key elements of fiction writing, including plot, characterization, setting, point-of-view, and various story development techniques. The objective is to develop a short story over the course of the final quarter.

Multi-Media & Journalism**Grades 11 – 12****Requires Teacher Approval*****Can only be taken one time*******English or Academic Elective Credit**

This course will be an application of concepts related to in-depth presentations of researched, written, and image-related material including documentaries, broadcasts, news blogs and the yearbook. Students will need to be able to grasp the basic principles and functions related to each medium so that time is spent in production and not in remediation of basic technology elements. Students will explore various Web 2.0 technologies with the end-goal of applying concepts related to design, usability, and communications to create media meant for the larger school and community population. Areas of study and use will be web, video, broadcasting, yearbook, and print publications.



Algebra 1

Grade 9

Prerequisite - Successful completion of Math 8

***Math credit

This course focuses on the use of algebra to simplify expressions and solve equations of polynomials. Students will use differing techniques to solve real-world problems in the areas of probability and statistics, and number theory. The following units will be studied: expressions, equations, functions; solving and graphing linear equations; exponents and exponential functions; polynomials and factoring; quadratic equations; and probability and data analysis.

Geometry

Grades 9 - 10

Prerequisite - Successful completion of Algebra 1

***Math credit

This is a course that emphasizes inductive and deductive methods to solve problems involving algebraic and geometric properties. Geometric vocabulary will be emphasized. Students will apply knowledge to solve real-world problems. The following units will be studied: tools of geometry; discovering and proving triangle, polygon, and circle properties; transformations and tessellations; area and volume; and, the Pythagorean Theorem.

Foundations of Geometry

Grades 9 - 10

Prerequisite - Successful completion of Algebra 1

Teacher Recommendation

***Math credit

This class is for students who need extra support with math. The curriculum will be taught with students gaining an in-depth knowledge of the basic principles of Geometry.

Algebra 2

Grades 10 - 11

Prerequisite - Successful completion of Geometry

***Math credit

Algebra 2 is a continuation of Algebra I where topics are extended into more advanced uses of algebra to solve problems. A focus of this course is on the utilization of graphing of linear/nonlinear equations and their relationship to their functions/equations. These advanced ideas are used to explore better problem-solving techniques. An introduction of trigonometry will also occur.

Foundations of Algebra 2

Grades 10 - 11

Prerequisite - Successful completion of Geometry

Teacher Recommendation

***Math credit

This class is for students who need extra support with math. The course will follow the Algebra 2 curriculum but at a pace that allows students to master each concept at an in-depth level.

Grades 11 - 12

Prerequisite - Successful completion of Algebra 2
Teacher Recommendation

***Math or Academic Elective Credit

Pre-Calculus will deal with advanced algebra topics, along with trigonometry ideas in the matter of informal proofs and problem solving. Topics that will also be covered include probability and statistics. The goal of this course is to have a sound pre-calculus background.

Grade 12 Only

**Prerequisite - Successful completion of Trig.
Teacher Recommendation**

***Math or Academic Elective Credit

This class consists of limits, derivatives, indefinite integrals, and definite integrals as techniques to solve problems based on rates of change. This course uses advanced ideas to work with the concepts of slope and area. A main objective of this course is to prepare for the AP Calculus Exam; students who pass the AP Calculus exam may receive college credit.

<p>Grades 11 - 12</p>

**Prerequisite - Successful completion of Algebra 2
Teacher Recommendation**

***Math or Academic Elective Credit

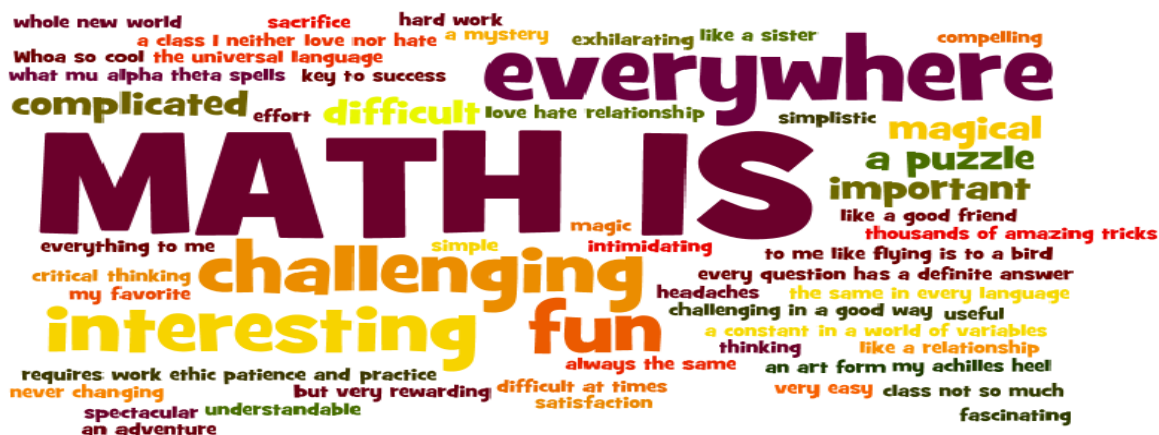
This course is designed to develop techniques in using data to make predictions and decisions about real-world situations. Techniques of gathering and using data will be discussed. Also, the understanding of probability will be a focus. An objective of this course is to be well-rounded in the use of statistics for the purpose of understanding scenarios that will occur outside of the school setting.

Grade 12 Only

Teacher Recommendation

*****Math or Academic Elective Credit**

Consumer math is a course which focuses on real world mathematical and business applications and situations. Students begin the course with a refresher on basic math computation skills. The second part of the course deals with personal finance. Students will learn about money accounts, loans, credit, and a variety of other topics. Students will also participate in a mandatory student based enterprise where students will be running all aspects of the business including inventory, purchasing, marketing, and finances.





Required for 9th grade

*****Core Social Science Credit**

*****Honors*** The same objectives will be taught but at a higher level with more advanced assignments and more rigorous expectations of individual and classroom reading, assignments and classroom participation.

Required for 10th grade

*****Core Social Science Credit**

**** Honors** This class will examine the entire history of the world. We begin with the earliest hominids and progress to the modern era. Six units will be covered each semester culminating in a comprehensive semester final. Assessment for the class will include opinion essays, examination of document based questions (DBQ), essay exams and class discussion. One research paper is expected per semester.

Required for 11th grade

***Core Social Science Credit

****Honors** This class will parallel the regular American History class in content but the discussions and assessments will be at a higher level. The test, essays, and overall expectations are more rigorous than the regular American History class. Tests are generally essays. One research paper is expected per semester.

Psychology / Sociology**Grades 10 - 12*******Social Science or Academic Elective Credit**

Fall Semester The focus of the psychology unit is to guide students through an understanding of the self. Students will also study traditional topics such as behaviorism, personality, learning, and social psychology. Topics will include – brain & body, motion, emotion and consciousness, principles of learning, cognitive processes, personality, conflict, stress, and coping, psychological disorders, treatment, therapy, and sports psychology.

Spring Semester The sociology portion will explore the basic theories and principles of sociology and the study of cultures. Topics include: cultures and subcultures; socialization; conformity and diversity; inequalities of race & ethnicity; genocide; and family & marriage.

Modern US History / Comparative Religion**Grades 11 - 12******Honors - Teacher Recommendation*******Social Science or Academic Elective Credit**

Fall Semester discusses modern US history focusing on the time period following the era of World War II. We will examine events that have shaped current US History including the topics of the Civil Rights Movement, The War in Vietnam, the John F. Kennedy Era, Rise of Conservatism, the Gulf Wars (Iraq and Afghanistan) and the politics and issues of the 2020's. The semester is divided into units with a Final Examination. One research paper is expected during the semester.

Spring Semester is a study of comparative religions. It is a comprehensive examination of the concept of religion and the various religions from around the world. Opinion essays and class participation are key to the semester grade as is a research paper. The text we use is *The Complete Idiot's Guide to World Religion*.

**Honors The same objectives will be taught but at a higher level with more advanced assignments and more rigorous expectations of individual and classroom reading, assignments and classroom participation.

Sr. Seminar / Sr. Government**Required for 12th grade******Honors - Teacher Recommendation*******Core Senior Credit**

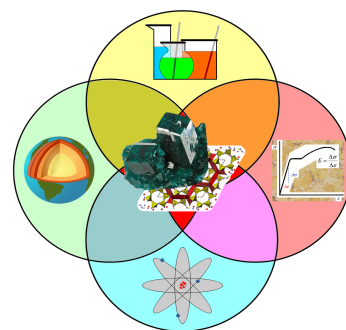
Fall Semester Senior Seminar is a course that helps seniors prepare for their life after high school. Students prepare for entrance into college and/or the work force through a study of careers and acquire important information regarding their future, and review their previous studies to emphasize what they will need to know after high school. Units include: 1) Career exploration; 2) Resume building; 3) Study of personal values and goal setting; 4) College exploration and Scholarship information; 5) Financial planning and budgeting for the future; 6) Research writing skills; 7) Creating a portfolio and senior project.

Spring Semester Students will examine multiple facets of the American form of government, including the following - its foundations, in depth examination of the U.S. constitution, politics, the role of the media, special interest groups, the form and functions of the three branches of the federal government, where the government is heading in the future, and how government and laws impact our lives. Assessments for the class will be class discussion, opinion papers, worksheets, unit tests and cumulative final.

**Honors The same objectives will be taught but at a higher level with more advanced assignments and more rigorous expectations of individual and classroom reading, assignments and classroom participation.



SCIENCES



Earth Science/Physical Science *****Core Science Credit**

Required for 9th grade

This class is an introductory course to the concepts of earth and physical science. Students will first learn about the methods and practices of science and the characteristics of scientific knowledge. The curriculum focuses on a study of earth science, including the following units: Earth in Space and Time; Earth Structures, and Earth Systems and Patterns. The students will learn concepts related to Physical Science, including the following units; Properties of Matter; Changes in Matter and Forms of Energy; Energy Transfer and Transformations; and Forces & Changes in Motion.

Biology *****Core Science Credit**

Required for 10th grade

Biology is the study of life. The concepts, principles, and theories that allow people to understand the natural environment form the core of biology. A key aspect is simply learning about the different types of living things around you. This class introduces many topics and fields in Biology as well as an extension of other basic science skills.

Project Based Science (STEM)

Grades 10 - 12

Prerequisite – Successful completion of Algebra 1

*****Core Science or Academic Elective Credit**

This course is a stem-based course covering topics in science, technology, engineering, and math. All of these academic disciplines rely heavily on each other, and are highly integrated in the professional and academic world. This course will introduce students to basic concepts of science, technology, and math and their application to engineering. Students will learn: how to work with a variety of measuring tools, how to compile and document data and processes, how to work with and collaborate within project teams, how to investigate with purpose, how to enhance research and products through inquiry, testing, and observation, and last but not least, how to utilize the engineering design cycle, from beginning to end. Students will be engaged by frequent hands-on activities and projects such as *robotics, coding, 3D printing, aerodynamic design and etc.*

Human Anatomy and Physiology

Grades 11 - 12

Prerequisite – Successful completion of Biology

*****Core Science or Academic Elective Credit**

Human Anatomy and Physiology (H) is a thorough study of the human body. This class includes a complete view of the structure and function of the various systems of the body. This is an upper level course designed to provide a comprehensive background for someone entering a health or medical related field, secondary education or training requiring knowledge of the human body.

Chemistry (W)**Grades 11 - 12****Prerequisite – Successful completion of Geometry*******Core Science or Academic Elective Credit**

Chemistry is an upper level science class that gives students an introduction into the world of elements and compounds. Using models and mathematical tools, students will explore the basic building blocks of matter and learn how those building blocks fit together to form everything around them. Students will learn how and why certain compounds react the way they do and in what quantity. Students will also complete labs which will aid in their understanding of these complex topics.

Physics (W)**Grades 11 - 12****Prerequisite - Successful completion of Algebra 2****Corequisite - Trigonometry or College Algebra*******Science or Academic Elective Credit**

Physics is an honors level course that uses advanced algebra and trigonometry as the primary tools for problem solving. The course objectives on the five major areas of Physics are: Newtonian Mechanics, Fluid Mechanics and Thermal Physics, Waves and Optics, Electricity and Magnetism, and Atomic and Nuclear Physics. At the end of the school year students may take the AP Physics exam and may receive college credit.

Computer Science Discoveries**Grades 10 - 12*******Science or Academic Elective Credit**

Computer Science Discoveries is an introductory computer science course. The course takes a wide lens on computer science by covering topics such as problem-solving, programming, physical computing, user-centered design, and data, while inspiring students as they build their own websites, apps, animations, games, and physical computing systems.

AP Computer Science Principles (W)**Grades 11 - 12****Prerequisite - Passing Algebra 1 with at least a C*******Science or Academic Elective Credit**

Computer Science Principles introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. More than a traditional introduction to programming, it is a rigorous, engaging, and approachable course that explores many of the foundational ideas of computing including digital information, the internet, app design, algorithms, data, cybersecurity, and global impacts. Students can take the AP Computer Science Principles exam in May to potentially earn college credit.

ALL JUNIOR STUDENTS

MUST SELECT ONE OF THE FOLLOWING SCIENCES

- ***PROJECT BASED SCIENCE (STEM)***
- ***COMPUTER SCIENCE DISCOVERIES***
- ***HUMAN ANATOMY & PHYSIOLOGY***
- ***CHEMISTRY (W)***
- ***PHYSICS (W)***
- ***AP COMPUTER SCIENCE PRINCIPLES (W)***
- ***SELECT MCC COURSES (must be approved)***

FOREIGN LANGUAGES



Spanish 1

***Core Foreign Language Credit

Grades 9 - 12

The goal of the Spanish 1 class is to introduce students into the basics of the Spanish language and culture. Students will be able to communicate in Spanish about activities, classroom objects, food, destinations, family and household chores. Students will be able to read, speak, write and listen at a novice level.

Spanish 2

***Core Foreign Lang. or Academic Elective Credit

Grades 9 - 12

Prerequisite – Successful completion of Spanish 1

The goal of the Spanish 2 class is to build upon existing vocabulary and dig deeper into verb conjugations. Students will learn about imperfect and preterit tenses in Spanish. Students will be able to communicate in Spanish about clothing, vacations, environment, movies and TV, technology, classroom rules, after school activities, reflexive verbs, errands and childhood. Students will be able to read, speak, write and listen at a high novice level.

Spanish 3 (W)

***Academic Elective Credit

Grades 11 - 12

Prerequisite – Successful completion of Spanish 2

The goal of students in Spanish 3 is to progress to an intermediate level. Students will be able to communicate in Spanish about emergencies, health, movies, recipes, cooking, visiting the airport, traveling, professions, and the future. Students will learn how to conjugate verbs in the future tense, subjunctive tense, present perfect tense and they will dig deeper into the irregular verbs of Spanish.

Spanish 4 (W)

***Academic Elective Credit

Grades 12

Prerequisite – Successful completion of Spanish 3

The goal of Spanish 4 is to fine-tune existing skills and build more grammar. Students will be able to read, speak, write, and listen at an intermediate high to advanced low level.

Bilingual Arts

***Foreign Lang., English (Grade 12 Only) or Academic Elective Credit

Grades 9 - 12

Teacher Recommendation

This course is intended for native Spanish speakers to enhance their communication in both Spanish and English. An emphasis will be placed on increasing their writing skills in both languages. Students will also learn valuable information about their culture and how to be more fluent in both languages in our society. Recommended students may take this class as their English elective senior year.

COMPUTER TECHNOLOGY & BUSINESS

Computer Technology & Introduction to Business
*****Core Computer Credit**

Required for 9th grade

Fall Semester Computer Technology stresses the acquisition of basic computer skills. The emphasis is on learning programs that will benefit students throughout high school and in future careers. Units include the following: 1) Microsoft Word; 2) Business Letters; 3) Proofreading and Editing; 4) Formatting; 5) Using the internet and internet safety; 6) Creating a Web Page; 7) Microsoft Excel (including spreadsheets); 8) Mail Merging; and, 9) PowerPoint and presentations.

Spring Semester Introduction to Business teaches the application of fundamental business principles in local, national, and international forums. It examines the relationship of economic systems, governance, regulations, and law upon business operations. It surveys the concepts of career development, business ownership, finance, accounting, economics, marketing, management, operations, human resources, regulations, and business ethics.

Computer Science Discoveries
*****Science or Academic Elective Credit**

Grades 10 - 12

Computer Science Discoveries is an introductory computer science course. The course takes a wide lens on computer science by covering topics such as problem-solving, programming, physical computing, user-centered design, and data, while inspiring students as they build their own websites, apps, animations, games, and physical computing systems.

Computer Science Principles AP (W)
*****Science or Academic Elective Credit**

Grades 11 - 12
Prerequisite – Passing Algebra 1 with at least a C

Computer Science Principles introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. More than a traditional introduction to programming, it is a rigorous, engaging, and approachable course that explores many of the foundational ideas of computing including digital information, the internet, app design, algorithms, data, cybersecurity, and global impacts. Students can take the AP Computer Science Principles exam in May to potentially earn college credit.

HEALTH



Health
***** Core Health Credit**

Required for 10th grade

The Health course will deal with the following current health concerns: nutrition, physical fitness, diseases and disorders, stress management, coping skills, self-concept, human sexuality, self-destructive behaviors, drugs and alcohol, first aid, and violence protection. Evaluation will be based on classroom participation, individual projects, and overall comprehension of the material.



PHYSICAL FITNESS

Girls' Weight Training
*****Core PE or Elective Credit**

Grades 9 - 12

This course is an orientation to methods of weight training for young women along with the opportunity for advanced knowledge in the methods of training. Students will be instructed on proper lifting and training techniques in the weight room along with implementing cross training/agility into the program for a complete exercise program. Students will be given the basic knowledge of training in order to have the opportunity to design and implement their own training program.

Boys' Weight Training
*****Core PE or Elective Credit**

Grades 9 - 12

Weight Training is a participation-based class where students will lift weights, perform cardiovascular exercises, and complete various skills and drills to facilitate the improvement of speed, coordination, agility and core strength. Students will learn the proper techniques for strength training and understand the importance of strength training for a healthy lifestyle. This course will allow the students to individualize their workouts for improvement in the areas they feel necessary.

Physical Education
*****Core PE Credit or Elective Credit**

Grades 9 – 12

Physical Education is designed to not only instruct students on the fundamental skills/strategies in various team sports, but to also introduce lifetime fitness strategies that individuals can implement into their lives for a healthy future. Students will be able to demonstrate competency in both team sport and lifetime fitness skills and strategies.

Please note:

Students can also earn PE credit for each completed sports season they participate in. A quarter credit is given up to the one full PE credit required for graduation. After that point, the credits count towards electives.





GENERAL ELECTIVES



Band

*****Elective credit**

Grades 9 - 12

Participants in high school band have been playing their instrument for at least three years. In some cases, participants are beginners, especially if they have moved into the school district and instrumental music was not offered at their previous school, or the students are learning a new instrument as an additional instrument to play on a regular basis. Styles of music covered include, classical, contemporary band music, standard band music, jazz, and rock.

Art 1

*****Elective credit**

Grades 9 - 12

Art 1 is a beginning art class covering the basic concepts and disciplines found within visual arts. Students will have an opportunity to experiment with different medias such as drawing, acrylic and watercolor paint, oil & chalk pastels, charcoal, college materials, technology, paper mache, etc. Students will be expected to create original artwork for each unit. The units covered will include: Drawing, Painting, 3D art, Mixed Media, Technology, Printmaking, etc. Students will gain knowledge of the process of self-evaluating, discussing and critiquing artwork.

Advanced Art

*****Elective Credit**

Grades 10 - 12

Prerequisite - Art 1

Teacher Recommendation

Students will build on the basic skills learned in Art 1. Students will begin to gain mastery over a variety of art materials such as charcoal, pastel, ink, paint, mixed media and 3D materials. Students will become more adept at self-evaluating and critiquing their artwork. They will begin to develop their own style and voice within their artwork. The units will vary and are meant to encourage students to challenge their skills and take more ownership of their own artwork and projects.

Peer Counseling

*****Elective Credit**

Grades 11 – 12

Requires Administration Approval

Peer Counseling gives students the opportunity to work with a teacher in one of our three schools. This is a pass/fail class and eligibility to participate depends on the student's overall grades and attendance. The administration will decide which student will work with which teacher.

Study Hall

*****Elective Credit**

Grades 9 - 12

This course is designed to give extra time during the day to work on assignments. We encourage students with extra-curricular activities, hectic schedules, or a lack of organizational skills to utilize this class. This is a graded course with daily expectations.

Study Skills

*****Elective Credit**

Grades 9 - 12

Administration Recommendation

This is a class for students who need support with homework completion and organizational skills as stated in their IEPs.

*Students must be in good academic standing for
graduating on time from SHS
to qualify to take classes
from Pickens Tech or Morgan Community College.*

Pickens Tech – Only if a student is on track to graduate and it fits their schedule without conflict. Final approval cannot be determined until after the master schedule is complete.

Grade 12 Only
Pre-Registration Required
SHS Administration Approval

***Academic Elective Credit

Morgan Community College

Grades 10 – 12
Pre-Registration Required
SHS Administration Approval

***Academic Elective Credit