

SUMMERVILLE HIGH SCHOOL FRESHMAN YEAR

COUNSELORS

Mrs. Johnson

Mr. Miller

Ms. Howard

REQUIRED FRESHMAN COURSES:

High School 101 (1 credit)
Personal Finance (.5 credit)

STANDARD FRESHMAN COURSES



English- Most freshmen will take English 1 unless they have already earned an English 1 Honors credit in middle school.



Math- Algebra 1 is the first high school credit math course. Geometry follows Algebra 1.



Science- Most freshmen take Earth Science (Note: Students enrolled in Geometry can take Biology)



Social Studies - Human Geography CP or Honors

AP Human Geography - This is a rigorous college level course that includes reading every night, group/individual projects, unannounced quizzes, free response/multiple choice assessments & vocabulary quizzes for each unit.

Computer Science (1 credit required for graduation)



Fundamentals of Computing - for students wanting to learn basic computer programming.

Fundamentals of Web Page Design - for students

<u>Fundamentals of Web Page Design</u> - for students coming with a foundation in coding.



Physical Education-

Students can either take PE 1, ROTC 1, or Marching Band with PE to satisfy the Physical Education credit. Band 1 and Flags will <u>not</u> count as a PE credit...

***The classes above are standard freshman classes. If a support class is needed, that will be determined at a later date.









SHS ELECTIVES

PLTW BIOMEDICAL SCIENCES

- **Principals of Biomedical Sciences**
 - Human Body Systems
 - Medical Intervention
 - Biomedical Innovation

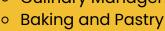


SPORTS MEDICINE

- Sports Medicine 1
- Sports Medicine 2
- Medical Terminology
- Sports Medicine 3
- Sports Medicine WBL

CULINARY ARTS

- Intro to Culinary Arts
- Culinary Management 1
- Culinary Management 2





ENGLISH/JOURNALISM

- Creative Writing
- Journalism/Yearbook
- **AP Seminar**
- AP Research

FINE ARTS

- 3-D Design
- Art
- Media Arts
- Photography

BAND



- **Band Flags**
- **Orchestra Strings**



BUSINESS

- Personal Finance
- **Business Finance**
- **Business Entrepreneurship**

COMPUTER SCIENCES

- Fundamentals of Web Page Design
 - Advanced Web Page Design
- Fundamentals of Computing
- AP Computer Science



PLTW ENGINEERING

- **Engineering Essentials**
- Principles of Engineering
- Aerospace Engineering
- **Civil Engineering & Architecture**
- **Digital Electronics**

PHYSICAL ED





- PE 2-9 (Weightlifting)
- Junior ROTC
- Marching Band w/PE

WORLD LANGUAGE



- French
- Latin
- Spanish

MECHATRONICS

Mechatronics 1-4

PERFORMING ARTS

Musical Theatre

Theatre Arts

Steel Drums

Theatre Design

Chorus

Dance



SOCIAL STUDIES ELECTIVES

- Intolerance and The Holocaust
- Psychology (0.5)
- Sociology (0.5)
- AP Psychology
- Morality, Ethics, and Religion

CTE- Career and Technology Electives

Intro to Culinary - includes topics of kitchen safety and development of foundational culinary skills. Cooking is not the main focus - which typically happens in Culinary Management 1 and 2.

Principles of Biomedical Sciences - includes topics of body systems and the medical field as a career. Topics are hands-on and self-driven. All classes are at the Honors level.

Mechatronics- involving electrical, mechanical, instrumentation, electronics, robotics/automation, computer components, and control systems

Engineering Essentials - includes topics of engineering as a career, solving challenging problems & foundations of engineering. Topics are hands-on and self-driven. All classes are at the Honors level.

Sports Medicine- prevention of athletic injuries, including the components of exercise science, kinesiology, anatomy, principles of safety, first aid, cardiopulmonary resuscitation (CPR), and vital signs

FINE ARTS/PERFORMING ARTS

Art 1 - includes drawing and painting

Media Arts 1 - includes graphic design, Photoshop & Adobe

Photography - includes photography history, basics of camera operation & picture taking.

3D Design - includes ceramics and sculpting

Theatre - includes singing, dancing & acting

Theatre Design - includes set & costume design

Chorus- choral music, criticism, performance, and the role of music in society.

Steel Drums - perform on a variety of percussion instruments non-Western music of Africa, Asia, South America, and the Caribbean

Graduation Requirements

| SUBJECT AREA | CREDITS |
|-------------------------------|----------|
| E 1: 1 /1 A . | REQURIED |
| English/Language Arts | 4 |
| Mathematics | 4 |
| Natural Science | 3** |
| US History | 1 |
| Economics | 0.5 |
| US Government | 0.5 |
| Other Social Studies Elective | 1 |
| Physical Education, JROTC, or | 1 |
| Marching Band w/PE | |
| Computer Science | 1 |
| World Language or Career at | 1** |
| Technology Education Elective | |
| Personal Finance | 0.5 |
| Electives | 6.5 |
| TOTAL | 24 |