

## US History

- Age of exploration and discovery
- Colonization of America
- A new nation is born
- Constitution of the United States
- Development of a new nation
- Period of nationalism
- Sectionalism
- American Civil War and Reconstruction
- United States as a world power
- Struggle for women's rights
- World War I
- The Great Depression
- World War II
- The Cold War
- The nuclear era
- Civil rights
- Delinquency and crime
- Psychology
- Problems of mental health
- Urbanization
- Public education
- Role of women in today's society

## Chemistry

- Matter and its behavior
- Carbon and its compounds
- Formulas and chemical equations
- Acids, bases, salts
- Atomic theory
- Periodic law
- Water and solutions
- Chemical bonding
- Molecular theory
- Equilibrium and kinetics
- Spontaneous reactions
- Titrations
- Ionization and ionic solutions
- Colloids, suspensions, and emulsions
- Oxidation-reduction
- Nonmetals
- Metals and alloys
- Electrochemistry
- Energy: forms, chemical changes, and measurement
- Nuclear reactions and radioactivity

## English III

- American literature
- Cross-cultural literature
- Analysis of plays
- Vocabulary of poetry
- Critical and evaluative reading
- Propaganda techniques
- Mass communication
- Advertising
- Music and painting
- Architecture and sculpture
- Listening skills
- Vocabulary development
- Grammar
- Story writing
- Editorial writing
- Journalistic writing
- Writing term papers
- Proofreading symbols
- Use of Reader's Guide and other reference aids, both print and electronic



Visit colleges and narrow down your list of choices. Ensure that you will have the required courses completed by the end of next year.

Register for the SAT or ACT test early so you have plenty of time to take it again if you need to. Most state scholarships use these test scores in their eligibility criteria.

You should be ready to start applying to colleges in the fall of next year. Have your transcript updated and ensure all data is correct before you release it to any college.

## Algebra II

- Relations and functions
- Square roots, surds, radicals
- Rational roots
- Linear equations and analytic geometry
- Quadratic equations
- Binomial theorem
- Imaginary numbers
- Exponents and radicals
- Logarithms
- Progressions
- Higher-degree equations
- Vectors

## Trigonometry

- Solutions of right triangles
- Use of table and interpolation
- Measurement of angles
- Properties of trigonometric functions
- Complex numbers and vectors
- Concept of a limit
- Graphs of functions
- Solutions of oblique triangles
- Logarithms
- Identities and equations
- General triangle solutions
- Permutations, combinations, simple probability
- Estimation and approximation
- Determinants

High School Subjects	Track I	Track II	Credits needed / start of year	Credits earned this year	Credits remaining / end of year
English	4.0	4.0			
Math	4.0	4.0			
Science	3.0	3.0			
US History	1.0	1.0			
Economics	0.5	0.5			
US Government	0.5	0.5			
Social Studies	1.0	1.0			
Physical Education	1.0	1.0			
Computer Science	2.0	1.0			
Foreign Language	2.0	1.0			
Electives / Fine Arts	5.0	7.0			
<b>Total Credits Needed</b>	<b>24.0</b>	<b>24.0</b>			

High School: Track I and Track II are compiled from SC Dept. of Ed. state standards, SC home schooling law and what colleges/tech schools are requiring for entrance.

Please check with your college of choice to ensure that you have taken their necessary pre-requisites.

Track I: 4-year University requirements  
Track II: 2-year College or Technical College requirements

SAT: CollegeBoard.com

ACT: ActStudent.org