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NOTE: The Sevier County School System **does not** discriminate on the basis of race, sex, color, religion, national origin, age, handicap or veteran status in provision of educational opportunities, programs, activities, or employment opportunities and benefits. Inquiries or completed grievance forms should be referred to Tony Stinnett, Title IX Coordinator; 226 Cedar Street, Sevierville, Tennessee 37862.

Anyone who believes she/he has a valid basis for grievance can discuss it informally and on a verbal basis at the point of grievance (e.g. school level) or with the Title VI or Title IX Coordinator. A formal grievance may be filed with the Title VI or Title IX Coordinator, who shall in turn investigate the complaint or refer it to a designee to investigate and reply to the grievance within ten working days.

If at any time a student is harassed racially, sexually, etc., the student is to immediately report the incident to the classroom teacher, the assistant principal or the principal. **ALL THREATS WILL BE TAKEN SERIOUSLY BY THE ADMINISTRATION.**

## Freshmen Registration 2020-21

### Dear Parents and Students:

Welcome to Seymour Junior High School. We look forward to our third school year in the new building. As each student begins their first year of high school, we know that it can be challenging. Therefore, we hope to work with all parents to help ease this transition. Students are expected to attend school every day, complete all assignments, and assume responsibility for their education. Nonetheless, the four years will be exciting and filled with many new friends, experiences and opportunities. If you have any questions or concerns please feel free to call the school. The administrative team, counselors, and instructors are here to help you. We pledge to work to provide a positive learning environment for all SJHS students.

The following pages contain information that will help you develop a four-year plan to graduate high school and to be prepared for the next step in your life. Please read all items carefully and add the important dates to your calendar.

Our top priority is academic success for your child. We will keep you informed throughout the year with progress reports, report cards, and phone messages. We truly believe that an involved parent is one of the most important aspects of the school year. We want the students to have a great year. We encourage you to remain active in your child's education. If at any time you have any questions, please feel free to contact the school office, 573-9320.

Sincerely,

David Loy

**Website: [www.syj.sevier.org](http://www.syj.sevier.org)**

**Instagram: [sjhseagles](https://www.instagram.com/sjhseagles)**

**Twitter: [@SeymourJrHighTN](https://twitter.com/SeymourJrHighTN)**

Parents,

The Seymour Junior High and Seymour High School Counseling Departments focus on helping students successfully deal with academic, social, and personal problems as well as, preparing students for graduation and post-secondary options. In seventh grade students complete a career interest inventory. The results of the inventory are used in future course planning decisions. In eighth grade, the student, parent or guardian(s), and school counselor develop an initial four-year plan for grades nine through twelve.

During the students' freshman and sophomore years the focus continues on successfully dealing with problems, course selection, program planning, and educational and career plans. By the end of tenth grade, the students will complete another career interest inventory that is used with information about career options and long-term goals to focus the plan for the next four years.

Juniors and seniors continue rigorous preparation toward graduation, completing a program of study and working toward a smooth transition to postsecondary study and work; this includes courses to be taken in the junior and senior year as well as courses to be taken at the postsecondary level.

The school counselors are available to meet with students, parents, and/or teachers concerning students' needs, goals, concerns, progress or lack of progress. The counselors also provide information regarding opportunities for students, career planning, scholarships, and entrance requirements for various programs of study, post-secondary educational options, and career fields.

The SJHS and SHS School Counselors

# GRADUATION REQUIREMENTS

Seymour High School graduation requirements are determined by the State Board of Education and the Sevier County Board of Education regulations.

Each student will be enrolled in four (4) classes each term. A student can earn eight credits each school year. Successful completion of a class will earn one credit for that class.

Required Courses	Grade Taken	28 Required Credits
English 1,2,3,4	9,10,11,12	4 credits
Math <sup>1</sup>	9,10,11,12	4 credits
Science	9, 10, 11	3 credits
Lifetime Wellness	9	1 credit
W History w/ Geography	9,10, or 11	1 credit
U.S. History w/ Geography	11	1 credit
U.S. Government	10	1 credit
Economics/Personal Finance	12	1 credit
Foreign Language <sup>2</sup>	10-12	2 credits
Fine Arts <sub>2</sub>	10-12	1 credit
Physical Education <sup>3</sup>	10-12	½ credit
Elective Focus/Program of Study <sup>4</sup>	9-12	3 credits

**All students are required to enroll in a math course each year.**

<sup>2</sup> Foreign Language and Fine arts may be waived for 11th or 12th grade students not attending a four-year college or university and must be replaced with an equal number of courses designed to enhance and expand the Elective Area of Focus/Program of Study. Parents must meet with the counselor to sign a waiver form.

<sup>3</sup> The additional one-half credit in P.E. may be met by completing a Physical Education course or by substituting documented participation in an approved school sponsored activity such as band, SHS sports, or cheerleading.

<sup>4</sup> The Elective Area of Focus/Program of Study must focus on a particular area of concentration (Fine Arts, Career and Technical Education, Humanities, Math and Science, or Business) and is made up of three electives beyond the core requirements.

## TYPES of DIPLOMAS

Students who score at or above all the subject area readiness benchmarks on the ACT or equivalent SAT will “**Graduate with Honors**”. The ACT benchmarks are English 18; Math 22, Reading 22, Science Reasoning 23.

Students will be recognized as “**Graduating with Distinction**” by attaining a B average and completing at least one of the following:

- earn a nationally recognized industry certification
- participate in one of the Governor’s Schools
- participate in one of the state’s All State musical organizations
- be selected as a National Merit Finalist or Semifinalist
- attain a score of 31 or higher composite score on the ACT
- attain a score of 3 or higher on at least two advanced placement exams
- earn 12 or more semesters of transcribed postsecondary credit (this includes dual enrollment)

### **\*ADDITIONAL TOP TEN PERCENT REQUIREMENTS for Sevier County Schools beginning with the Graduating Class of 2020**

1. Honors English – minimum of 3 units; sophomore level and above (if available)
2. Mathematics – 4 units: Algebra I, Geometry, Algebra II, and Finite Math or above (*Bridge Math or SAILS Math are not included*)
3. Science – 4 units (One unit must be Chemistry or Physics) The following courses will fulfill the additional fourth credit requirement for science that is in addition to the 3 units needed to meet the state graduation requirement:
  - *Biology II*
  - *Chemistry II*
  - *Physics*
  - *Human Anatomy and Physiology*
  - *Any Advanced Placement Science*
  - *Any Dual Enrollment Science*

\*Top ten percent GPA’s are based on eight semesters, grades from both semesters of the senior year are included.

### **TSSAA REQUIREMENTS:**

Athletes must pass six of eight credits in the previous year.

### **NCAA REQUIREMENTS:**

Before an athlete can play a sport or receive an athletic scholarship at a Division I or II College, he/she must meet specific academic criteria as set forth by the NCAA. A student must have at least a 2.0 GPA for Division II and a 2.5 GPA for Division I in 14 core classes and a minimum combined ACT score of 68. Students must take specific courses in order to meet NCAA eligibility requirements.

## Science Sequencing

### Science - Basic

9	10	11	12
Environmental Science/Biology I Skills	Physical Science	Chemistry I Skills	

### Science - Standard

9	10	11	12**
Environmental Science/Biology I	Physical Science or Honors Chemistry I*	Chemistry I or H Chemistry I or with Sophomore H Chemistry I any of the courses listed under 12th grade.	H Chemistry II H Physics H Biology II H Anatomy and Physiology AP Env Science AP Chemistry (H Chemistry II prereq)

### Science - Honors

9	10	11**	12**
H Environmental Science/H Biology I	*H Chemistry I	H Chemistry II AP Chemistry H Biology II H Anatomy and Physiology H Physics Geology AP Env Sci	H Chemistry II H Biology II H Anatomy and Physiology H Physics AP Env Sci AP Physics AP Chemistry

\*Must have passed Algebra I with a 90 or higher and have an A in Biology I  
or made satisfactory progress in H Biology I.

\*\*Must have Chemistry I teacher's recommendation to take upper level honors science courses.

## Math Sequencing

### Math - Basic

9	10	11	12
Basic Alg IA*/IB	Basic Geometry or Geometry	Algebra IIA/IIB	Bridge, SAIL, or Applied Mathematical Concepts

### Math - Standard

9	10	11	12
Algebra IA*/Algebra IB	Geometry	Algebra II	Bridge, SAIL, or Applied Mathematical Concepts
Algebra IA*/Algebra IB	Geometry & Algebra II	Statistics	App Math Concepts or SDC Pre-Calculus
Algebra IA*/Algebra IB	H Geometry	H Algebra II	SDC Pre-Calculus
Algebra IA*/Algebra IB	H Geometry & H Algebra II	SDC Pre-Cal	H Calculus & AP Calculus AB

### Math - Honors

9 <sup>th</sup>	10 <sup>th</sup>	11 <sup>th</sup>	12 <sup>th</sup>
H Algebra IB & H Geometry	H Algebra II & SDC Pre-Calculus	H Calculus & AP Calculus AB	AP Calculus BC or H Physics
H Algebra IB & H Geometry	H Algebra II & SDC Pre-Calculus	H Calculus	AP Calculus AB or H Physics
H Algebra IB & H Geometry	H Algebra II	SDC Pre-Calculus	H Calculus & AP Calculus AB
H Algebra IB & H Geometry	H Algebra II	SDC Pre-Calculus	H Calculus or SDC Statistics or H Physics

\* Algebra IA counts as an elective and does not count as one of the four required math classes. Algebra IB is the required math class.

## English Sequencing

### English - Basic

9	10	11	12
Skills English IA/*IB	Skills English IIA/*B	Skills English IIIA/*B	Sk English IV

### English - Standard

9	10	11	12
English I	English II	English III	English IV <b>or</b> DE Comp I & II
English I	English II Honors	English III Honors	English IV Honors <b>or</b> DE Comp I & II

### English - Honors

9	10	11	12
English I Honors	English II Honors	English III Honors	English IV Honors <b>or</b> DE Comp I & II

\* Skills English IA counts as an elective and does not count as the required English class. English IB is the required English class.

## PROGRAMS OF STUDY

Students are required to complete a Program of Study that must focus on a specific area of concentration (Fine Arts, Career and Technical Education, Humanities, Math and Science, or Humanities) and is made up of three electives beyond the core requirements.

### CTE (Career Technical Education) Programs of Study Not all classes are taught every year.

#### ADVANCED MANUFACTURING

##### Welding

9 <sup>th</sup> or 10 <sup>th</sup> grade	Principles of Manufacturing
10 <sup>th</sup> or 11 <sup>th</sup> grade	Welding I
11 <sup>th</sup> or 12 <sup>th</sup> grade	Welding II

#### AGRICULTURE, FOOD, & NATURAL RESOURCES

##### Agricultural Engineering and Applied Technologies

9 <sup>th</sup> grade	Agriscience
10 <sup>th</sup> grade	Principles of Agricultural Mechanics
11 <sup>th</sup> grade	Ag. Power and Equipment
12 <sup>th</sup> grade	Agricultural and Biosystems Engineering (Principles of Agricultural Mechanics is a prerequisite.)

##### Environmental and Natural Resources Management

9 <sup>th</sup> grade	Agriscience
10 <sup>th</sup> grade	Applied Environmental Science
11 <sup>th</sup> grade	Plant and Soil Science
12 <sup>th</sup> grade	Environmental and Natural Resource Management or AP Environmental Science

##### Veterinary and Animal Science

9 <sup>th</sup> grade	Agriscience
10 <sup>th</sup> grade	Small Animal Science
11 <sup>th</sup> grade	Large Animal Science
12 <sup>th</sup> grade	Veterinary Science

#### ARCHITECTURE & CONSTRUCTION

##### Residential and Commercial Construction (Replaces MEP Systems)

9 <sup>th</sup> or 10 <sup>th</sup> grade	Fundamentals of Construction
10 <sup>th</sup> or 11 <sup>th</sup> grade	Residential and Commercial Construction I (2 cr)
11 <sup>th</sup> or 12 <sup>th</sup> grade	Residential and Commercial Construction II (2 cr)

## **BUSINESS MANAGEMENT AND ADMINISTRATION**

### **Business Management**

10 <sup>th</sup> grade	Introduction to Business & Marketing
10 <sup>th</sup> or 11 <sup>th</sup> grade	Business Communications
10 <sup>th</sup> or 11 <sup>th</sup> grade	Accounting I (Algebra II is a co or prerequisite, computer applications is recommended.)
11 <sup>th</sup> or 12 <sup>th</sup> grade	Business Management

### **Office Management**

10 <sup>th</sup> or 11 <sup>th</sup> grade	Computer Applications
10 <sup>th</sup> or 11 <sup>th</sup> grade	Business Communications
10 <sup>th</sup> or 11 <sup>th</sup> grade	Business Management
11 <sup>th</sup> or 12 <sup>th</sup> grade	Advanced Computer Applications

### **Health Services Administration**

10 <sup>th</sup> grade	Introduction to Business & Marketing
10 <sup>th</sup> or 11 <sup>th</sup> grade	Health Science Education
12 <sup>th</sup> grade	Business Management

## **CRIMINAL JUSTICE**

### **Criminal Justice and Correctional Services**

10 <sup>th</sup> grade	Criminal Justice I
11 <sup>th</sup> grade	Criminal Justice II
11 <sup>th</sup> or 12 <sup>th</sup> grade	SDC Criminal Justice
12 <sup>th</sup> grade	Criminal Justice III

## **FINANCE**

### **Accounting**

10 <sup>th</sup> grade	Introduction to Business & Marketing
10 <sup>th</sup> or 11 <sup>th</sup> grade	Accounting I (Algebra II is a co or prerequisite, computer applications is recommended.)
10 <sup>th</sup> - 12 <sup>th</sup> grade	Accounting II
11 <sup>th</sup> or 12 <sup>th</sup> grade	Statistics

## **HEALTH SCIENCE**

### **Sport and Human Performance**

10 <sup>th</sup> grade	Health Science Education (SHS)
11 <sup>th</sup> grade	Rehabilitation Careers (SHS)
11 <sup>th</sup> or 12 <sup>th</sup> grade	Anatomy and Physiology - Honors (SHS)

### **Therapeutic Services**

10 <sup>th</sup> grade	Health Science Education (NVA)
11 <sup>th</sup> grade	Anatomy and Physiology (CTE, NVA)
12 <sup>th</sup> grade	Medical Therapeutics (NVA)

## HOSPITALITY AND TOURISM

### Culinary Arts at NVA

9<sup>th</sup> or 10<sup>th</sup> grade  
10<sup>th</sup> or 11<sup>th</sup> grade  
11<sup>th</sup> - 12<sup>th</sup> grade

Culinary Arts I  
Culinary Arts II  
Culinary Arts III

## HUMAN SERVICES

### Cosmetology at NVA

9<sup>th</sup> or 10<sup>th</sup> grade  
10<sup>th</sup> or 11<sup>th</sup> grade  
11<sup>th</sup> - 12<sup>th</sup> grade

Principles of Cosmetology  
Design Principles of Cosmetology  
Chemistry of Cosmetology

## INFORMATION TECHNOLOGY

### Coding

9<sup>th</sup> or 10<sup>th</sup> grade  
10<sup>th</sup> or 11<sup>th</sup> grade  
11<sup>th</sup> or 12<sup>th</sup> grade

Computer Science Foundations  
Coding I (new course)  
AP Computer Science Principles

## MARKETING

### Entrepreneurship

10<sup>th</sup> grade  
12<sup>th</sup> grade  
12<sup>th</sup> grade  
12<sup>th</sup> grade

Introduction to Business & Marketing  
Marketing I and Management I: Principles  
Entrepreneurship  
Work Based Learning (must be enrolled in  
Marketing I and/or Entrepreneurship)

## STEM

### Engineering by Design

9<sup>th</sup> grade  
10<sup>th</sup> grade  
11<sup>th</sup> grade  
12<sup>th</sup> grade

Foundations of Technology  
Technological Design  
Advanced Design Applications  
Advanced Technological Applications

### Technology (honors science and/or math recommended)

10<sup>th</sup> grade  
10<sup>th</sup> or 11<sup>th</sup> grade  
11<sup>th</sup> grade  
12<sup>th</sup> grade

Principles of Engineering and Technology  
Digital Electronics  
Robotics & Automated Systems  
AP Physics

## **Additional Programs of Study**

### **Fine Arts - Any three credits above the one core course.**

Visual Art I, II, III and IV, Theatre Arts I and II, Women's Ensemble, Men's Ensemble, Concert Choir, Dance, Intro To World Music, Marching Band, Concert Band, Symphonic Band, Color Guard, and AP Music Theory

### **Humanities - Any three Humanities courses not used as a core class.**

World Geography, Appalachian Studies, Ancient History, American at War, Contemporary Issues, American Presidents, Bible History, Intro to World Music, Theatre Arts I & II, DE Western Civilization I & II, DE Intro to Psychology, DE Intro to Speech, H Spanish III and IV, H French III, H French IV, H Latin III, H Latin VI, Marching Band, Concert Band, Symphonic Band, Percussion, Color Guard, Women's Ensemble, Men's Ensemble, Concert Choir, Dance, AP Music Theory Journalism, Study Skills, and RT12

**Science and Math - any three science and/or math courses beyond the 3 core science and 4 core math courses.** Environmental Science, Physical Science, H Chemistry II, H Biology II, H Anatomy and Physiology, H Physics, Geology, H Ecology, AP Environmental Science, AP Physics, AP Chemistry and second semester of math when math is taken for the whole year (Algebra IA and IB do not count.)

**Dual Enrollment** - Any three 3-hour dual enrollment WSCC courses that are not used to meet a core course requirement. Includes the following classes taught on SHS campus, but is not limited to them: DE Western Civ I & II, DE Comp II, DE Psychology, DE Speech. **DE classes are available for juniors and seniors.**

## HIGH SCHOOL GRADING SCALE

(Grading shall be uniform within the state of Tennessee)

Grade Assigned	Classes Other than Joint Enrollment Grade Average	Quality Points
A	93-100	4.0
B	85-92	3.0
C	75-84	2.0
D	70-74	1.0
F	Less than 70	0.0
P	Indicates that the student passed unit for credit in the eighth grade or in credit recovery and is not included in grade point average.	0.0
I	Indicates an incomplete for the term. The student has one semester to complete missed work or the grade becomes an F.	0.0

### HONORS CLASSES:

In honors classes, **three points will be added to the six weeks averages.** Honors classes are defined to be H Biology I & II, H Chemistry I & II, H Physics, H Anatomy/Physiology, H English I, II, III and IV, H Algebra I and II, H Geometry, H Adv. Algebra /Trig, H Pre-Calculus, H Calculus, and any Foreign Language III & IV.

### DUAL ENROLLMENT CLASSES:

In dual enrollment classes, **the high school grade is determined by adding four points to the final WSCC grade.** No points are added when the college grade is an F.

### ADVANCED PLACEMENT CLASSES:

We currently offer ten Advanced Placement class - AP Human Geography, AP US Government, AP Environmental Science, AP Calculus AB, AP Calculus BC, AP Chemistry, AP Physics, AP Computer Science A, AP Principles of Computer Science, and AP Music Theory. **Five points will be added to the final grade.**

**STATEWIDE DUAL CREDIT CLASSES** are college-level courses taught at the high-school level by trained high-school teachers. All students enrolled in a statewide dual credit course take the online challenge exam, which is used to assess mastery of the postsecondary-level learning objectives. Students who meet or exceed the exam 'cut score' receive college credit that can be applied to any Tennessee public postsecondary institution. Exam scores are reported on the high school transcript to ensure postsecondary credit is accurately awarded. **Four points will be added to the final grade.**

### GRADING SYSTEM:

To further unify and coordinate the grading system, the following shall constitute the method of grading:

Six weeks' Grade Computation	Semester Grade Computation for classes
Daily average = 66 2/3%	Three six weeks average = 85%
Test average = 33 1/3%	Semester exam score = 15%

**SCHEDULE CHANGES:**

Student schedule changes affecting the first semester must be completed within five days after the start of the first semester. Schedule changes after this time must be initiated by the classroom teacher or principal. The five-day rule established by the Sevier County Board of Education is in effect again at the beginning of the second semester.

**REPEATING A COURSE:**

Students may repeat a course; however, only one unit of credit is allowed. The higher of the two grades will be calculated in the grade point average. The course must be taken by the first semester of the senior year to be counted for the Top 10%.

**SUMMER SCHOOL:**

Drivers' Training is the only summer class that can be taken for new credit.

**COURSE FAILURES:**

Courses that are failed first term may be repeated the second term on a space available basis. When failed classes are repeated the new grade will replace the "F" received previously.

**CREDIT RECOVERY:**

Credit Recovery is an opportunity for students to make up credits in required courses they have failed with a grade no lower than a 50. **Please note that starting with the 17-18 school year, the F from the original course will be removed, the recovered credit will be added to the transcript with a grade of 70 and the GPA is recalculated without the F and including the 70.**

# COURSE DESCRIPTIONS

## Advanced Placement and State Dual Credit

Advanced Placement (AP) Calculus AB is a college-level class offered by the College Board. High school students can earn college credit by passing the AP exam associated with AP Calculus AB. AP Calculus AB is roughly equivalent to a first semester college calculus course devoted to topics in differential and integral calculus. The AP course covers topics in these areas, including concepts and skills of limits, derivatives, definite integrals, and the Fundamental Theorem of Calculus. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections among these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions. Recommended prerequisite is precalculus. **Students are expected to take the Advanced Placement Calculus Examination in May. College credit may be granted, subject to the requirements of the college or university. Open to Juniors and Seniors.**

Advanced Placement (AP) Calculus BC is a college-level class that explores the concepts, methods, and applications of differential and integral calculus, including topics such as parametric, polar, and vector functions, and series. You'll perform experiments and investigations and solve problems by applying your knowledge and skills. Skills you'll learn include determining expressions and values using mathematical procedures and rules, connecting representations, justifying reasoning and solutions, using correct notation, language, and mathematical conventions to communicate results or solutions. **Students are expected to take the Advanced Placement Calculus Examination in May. College credit may be granted, subject to the requirements of the college or university. Prerequisite is AP Calculus AB. Open to Seniors.**

Advanced Placement (AP) Chemistry is a college-level class offered by the College Board that provides students with a college-level foundation to support future advanced coursework in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore topics such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. The course requires that 25 percent of the instructional time provides students with opportunities to engage in laboratory investigations, including a minimum of 16 hands-on labs, at least six of which are inquiry based. **Students are expected to take the Advanced Placement Chemistry Exam in May. College credit may be granted, subject to the requirements of the college or university. Prerequisites: Honors Chemistry II and Honors Algebra II. Open to juniors and seniors.**

Advanced Placement (AP) Computer Science Principles is the second course in the Coding Program of Study and covers the principles that underlie the science of computing and develops the thinking skills that computer scientists use. You'll work on your own and as part of a team to creatively address real-world issues using the tools and processes of computation. Skills you'll learn include: making connections between concepts in computing, designing a program to solve a problem or complete a task, designing a program to solve a problem or complete a task, analyzing computational work, communicating ideas about technology and computation, and working collaboratively to solve problems. **Students are expected to take the Advanced Placement Computer Science A Examination in May. College credit may be granted, subject to the requirements of the college or university. Open to Juniors and Seniors.**

Advanced Placement (AP) Environmental Science is designed to be the equivalent of a one-semester, introductory college course in environmental science, through which students engage with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. The course requires that students identify and analyze natural and human-made

environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. AP Environmental Science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography. The course is an examination of the earth's resources, its processes and how humans affect the planet. Specific topics include how humans affect earth's atmosphere, hydrosphere, and lithosphere by means of air, water, and land use (aquatic and terrestrial organisms, harvests, forestry, mining, energy production and habitat alteration). A major concentration will be placed on pollution. Lab investigations and independent projects are required. **Prerequisite: Chemistry I. Students are expected to take the College Board AP Test, given in May each year, College credit may be granted subject to the requirements of the college or university. Open to juniors and seniors.**

Advanced Placement (AP) Human Geography is a college level class that introduces students to the study of the patterns and processes that have shaped human use of the Earth's surface. Topics explored include the nature and perspectives of geography, including population, political, economic, and urban geography. Students use the process of geographic inquiry to explore patterns of land use and cultural landscapes. Extensive reading and writing is required. **Students are expected to take the Advanced Placement Human Geography Examination in May. College credit may be granted, subject to the requirements of the college or university. Meets the required world history with geography credit. Freshmen.**

Advanced Placement (AP) Music Theory is a college level music class that teaches you to recognize, understand, and describe the basic materials and processes of music. You'll develop skills by listening to, reading, writing, and performing a wide variety of music. Skills you'll learn include identifying features of pitch, interval, scales and keys, chords, meter, rhythm, and other musical concepts in performed and notated music; singing a notated melody on sight; notating music that you hear; and completing music based on cues, following common-practice style. **Students are expected to take the AP Music Theory Exam in May. College credit may be granted, subject to the requirements of the college or university. Sophomores, Juniors, and Seniors.**

Advanced Placement (AP) Physics is an algebra-based, college-level physics course that explores two major topics in depth- classical mechanics and basic electricity principles. The mechanics portion explores linear and rotational motion, energy and momentum, and mechanical waves and sound, while the electricity portion includes both electrostatics and introductory DC circuits. These topics are used to develop models of the natural world in diverse areas- from biophysics to astronomy. In this course, students will develop scientific critical thinking and reasoning skills as well as extensive graphing and analysis abilities. Approximately 25 % of instructional time is spent in hands-on laboratory work, with an emphasis on inquiry-based investigations that provide students with opportunities to apply valuable science practices. **Prerequisites: Honors Chemistry I and Algebra II. Open to juniors and seniors. The College Board AP Test, given in May each year, offers the opportunity for college placement and/or credit.**

Advanced Placement U.S. Government and Politics involves the study of democratic ideas, balance of powers, and tension between the practical and ideal in national policy making. Students analyze and discuss the importance of various constitutional principles, rights and procedures, institutions, and political processes that impact us as citizens. **Students are expected to take the Advanced Placement U.S. Government and Politics Examination in May. College credit may be granted, subject to the requirements of the college or university. Meets the required U S Government credit. Sophomores.**

Intro to Ag Business, SDC, is a statewide dual credit class that provides an academically challenging high school course that is aligned to postsecondary standards. Students who meet or exceed the cut score of the culminating challenge exam earn credit in Agri 1010 that can be applied to any public postsecondary institution in Tennessee. Topics covered include: 1. Different types of U.S. Agribusinesses. 2. Macro and microeconomics terms related to Agribusiness. 3. Common agribusiness

organizational, budgeting, accounting, and legal structures. 4. Basic economic principles and apply them to agribusiness. 5. Management, human resources, and issues related to both areas. 6. Agriculture's role in the American and global economic systems. 7. Current political and economic Agribusiness issues. 8. Agricultural marketing issues & develop marketing plans. **Sophomores, Juniors, & Seniors. Students are expected to take the State Dual Credit Exam. College credit may be granted subject to the requirements of the college or university. Meets the required personal finance credit.**

American History, SDC, a Statewide Dual Credit class, is a college-level US History class taught at the high-school level by trained high-school teachers. Course learning objectives are developed by Tennessee high school and college faculty in order to ensure alignment with post-secondary standards. All students enrolled in a statewide dual credit course take the online challenge exam, which is used to assess mastery of the postsecondary-level learning objectives. Students who meet or exceed the exam 'cut score' receive college credit that can be applied to any Tennessee public postsecondary institution. Exam scores are reported on the high school transcript to ensure postsecondary credit is accurately awarded but are not used in any state accountability measures. **Juniors and Seniors. Students are expected to take the State Dual Credit Exam.**

Criminal Justice, SDC, a Statewide Dual Credit class, is a college-level criminal justice class taught at the high-school level by trained high-school teachers. Course learning objectives are developed by Tennessee high school and college faculty in order to ensure alignment with post-secondary standards. All students enrolled in a statewide dual credit course take the online challenge exam, which is used to assess mastery of the postsecondary-level learning objectives. Students which meet or exceed the exam 'cut score' receive college credit that can be applied to any Tennessee public postsecondary institution. Exam scores are reported on the high school transcript to ensure postsecondary credit is accurately awarded but are not used in any state accountability measures. **Juniors and Seniors. Students are expected to take the State Dual Credit Exam.**

World History, SDC, a Statewide Dual Credit class, is a college-level world history class taught at the high-school level by trained high-school teachers. Course learning objectives are developed by Tennessee high school and college faculty in order to ensure alignment with post-secondary standards. All students enrolled in a statewide dual credit course take the online challenge exam, which is used to assess mastery of the postsecondary-level learning objectives. Students which meet or exceed the exam 'cut score' receive college credit that can be applied to any Tennessee public postsecondary institution. Exam scores are reported on the high school transcript to ensure postsecondary credit is accurately awarded but are not used in any state accountability measures. **Freshmen and Sophomores. Students are expected to take the State Dual Credit Exam.**

## Career Technical Education (CTE)

(NOT all courses are offered every year)

### ADVANCED MANUFACTURING:

Principles of Manufacturing is designed to provide students with exposure to various occupations and pathways in the Advanced Manufacturing career cluster, such as Machining Technology, Electromechanical Technology, Mechatronics, and Welding. Throughout the course, they will develop an understanding of the general steps involved in the manufacturing process and master the essential skills to be an effective team member in a manufacturing production setting. Course content covers basic quality principles and processes, blueprints and schematics, and systems. Upon completion of this course, proficient students will advance from this course with an understanding of how manufacturing combines design and engineering, materials science, process technology, and quality. **Freshmen and Sophomores.**

Welding I is designed to provide students with the skills and knowledge to effectively perform cutting and welding applications used in the advanced manufacturing industry. Successful students will develop proficiency in fundamental safety practices in welding, interpreting drawings, creating computer aided drawings, identifying and using joint designs, efficiently laying out parts for fabrication, basic shielded metal arc welding (SMAW), mechanical and thermal properties of metals, and quality control. Upon completion of this course, proficient students will be able to sit for the AWS SENSE Entry Level Welder certification and will be prepared to undertake more advanced welding coursework. **Sophomores and Juniors.**

Welding II is designed to provide students with opportunities to effectively perform cutting and welding applications of increasingly complexity used in the advanced manufacturing industry. Proficient students will build on the knowledge and skills of the Welding I course and apply them in novel environments, while learning additional welding techniques not covered in previous courses. Specifically, students will be proficient in (1) fundamental safety practices in welding, (2) gas metal arc welding (GMAW), (3) flux cored arc welding (FCAW), (4) gas tungsten arc welding (GTAW), and (5) quality control methods. Upon completion of the Welding II course, proficient students will be eligible to complete the American Welding Society (AWS) Entry Welder or the AWS SENSE Advanced Welders qualifications and certifications. **Juniors and Seniors.**

### AGRICULTURE:

(\*May receive a maximum of 9 credits in agriculture courses)

Agricultural Co-Op is a 1-3 credit Instructional unit where students may earn 1-2 additional credits working on a job during school release time. **Seniors only, instructor approval required.**

Agricultural and Biosystems Engineering includes standards on metal fabrication and agriculture structures. Subject matter will include hot/cold metal work, cost and material computation, electrical wiring, engine service and repair, blueprint reading, drawing and selection of appropriate materials for projects. **Juniors and seniors only. Prerequisite: Principles of Agricultural Mechanics.**

Agricultural Power & Equipment includes basic information and lab activities on small engines, tractors and agriculture equipment maintenance, repair and overhaul. **Juniors only.**

Agriscience is an introductory laboratory science course that prepares students for biology, subsequent science and agriculture courses, and postsecondary study. This course helps students understand the important role that agricultural science and technology serves in the 21st century. In addition, it serves as the first course for all programs of study in Agriculture, Food and Natural Resources Cluster. This course counts as a lab science credit toward graduation and college entrance requirements. **Freshmen Only.**

Applied Environmental Science focuses on the knowledge, information, and skills related to the fundamental science and management of ecosystems as well as careers, leadership and history of the industry. This course covers principles of environmental impacts, energy consumption, and ecosystem management. **Sophomores.**

Landscaping and Turf Science is a applied-knowledge course designed to provide challenging academic standards and relevant technical knowledge and skills needed for further education and careers in landscape design, maintenance, and turf management. Content includes site analysis and planning, principles of design, and plant selection and care techniques. **Juniors and Seniors.**

Large Animal Science is an applied course in veterinary and animal science for students interested in learning more about becoming a veterinarian, vet tech, vet assistant, or pursuing a variety of scientific, health, or agriculture professions. This course covers anatomy and physiological systems of different groups of large animals, as well as careers, leadership, and history of the industry. **Juniors and Seniors.**

Natural Resources Management is an applied course for students interested in learning more about becoming good stewards of our environment and natural resources. This course covers major types of natural resources and their management, public policy, and the role of public education in managing resources, as well as careers, leadership, and history of the industry. Upon completion of this course, proficient students will be prepared for further study and careers as an environmental scientist, conservationist, forester, or wildlife manager. **Seniors.**

Plant and Soil Science is designed to address issues dealing with the use of natural resources and agronomic crops as we see the need for improved management methods to meet the needs of agricultural production while addressing concerns dealing with urbanization and soil conservation. **Juniors.**

Principles of Agricultural Mechanics is a course to help students develop the mechanical skills needed to perform work on the farm and includes using basic tools, learning general safety precautions, developing land measurement and elevation skills, and learning the basics of metalwork and welding. **Sophomores.**

Small Animal Science is an intermediate course in animal science and care for students interested in learning more about becoming a veterinarian, vet tech, vet assistant, or pursuing a variety of scientific, health, or agriculture professions. This course covers anatomy and physiological systems of different groups of small animals, as well as careers, leadership, and history of the industry. Upon completion of this course, proficient students will be prepared for more advanced coursework in veterinary and animal science. **Sophomores.**

Veterinary Science challenges students to use advanced technologies and medical treatments to maintain the health of animals. The animal health industry continues to grow in importance and prominence as more people purchase animals for pleasure and sustenance. **Seniors.**

## **ARCHITECTURE AND CONSTRUCTION:**

Fundamentals of Construction is a foundational course covering essential knowledge, skills, and concepts required for careers in construction. Upon completion of this course, proficient students will be able to describe various construction fields and outline the steps necessary to advance in specific construction careers. Students will be able to employ tools safely and interpret construction drawings to complete projects demonstrating proper measurement and application of mathematical concepts. Standards in this course also include an overview of the construction industry and an introduction to building systems and materials. **Freshmen and Sophomores.**

Residential & Commercial Construction I is the second course in the Residential & Commercial Construction program of study intended to prepare students for careers in construction by developing an understanding of the different phases of a construction project from start to finish. Upon completion of this course, proficient students will be able to demonstrate knowledge and skill in the earlier phases of building construction, including site layout, foundation systems, concrete, framing systems, and electrical systems. Students will be able to perform concrete work; frame walls, ceilings, and floors of a structure; and install proper wiring while safely employing tools and interpreting construction drawings to complete projects. Emphasis is placed on demonstrating proper measurement and application of mathematical concepts. Standards in this course also include principles of the construction industry and business and project management. **Sophomores and Juniors.**

Residential & Commercial Construction II is the third course in the Residential & Commercial Construction program of study intended to prepare students for careers in construction by developing an understanding of the different phases of a construction project from start to finish. Upon completion of this course, proficient students will be able to demonstrate knowledge and skill in the later phases of building construction including roofing systems, exterior finishing, stair framing systems, masonry systems, and plumbing systems. Students will be able to perform masonry work; frame roofs; install shingles on roofs; apply exterior finishes; and install proper piping for plumbing systems while safely employing tools and interpreting construction drawings to complete projects. Emphasis is placed on demonstrating proper measurement and application of mathematical concepts. Standards in this course also include an introduction to heating, ventilation, and air conditioning systems, principles of the construction industry, and business and project management. **Juniors and Seniors.**

## **BUSINESS MANAGEMENT & ADMINISTRATION:**

Advanced Computer Applications is a capstone course in which students will learn the necessary skills in problem solving using current and emerging integrated technology to include a variety of input technologies in the production of professional quality business documents and presentations. The course focuses on student choice, accountability and performance. Students increase their employability by working toward the attainment of high-level skills in the areas of integrated software applications, communication skills, ethical issues, human relations, leadership, self-management, and workplace management. Students may choose areas of specialization and achieve industry certification in areas such as word processing, spreadsheet applications, multimedia presentations, schedule and contact management. **Juniors and seniors.**

Business Communications is the study of oral, written, and electronic communications in a global society. The course prepares students for oral and electronic business communications in the 21<sup>st</sup> century including social media as well as developing skills in electronic publishing, design, layout, composition, and video conferencing. Emphasis will be placed on social media, design, and digital communications. Students will review and practice successful styles and methods for professional business communications using the proper tools to deliver effective publications and presentations. **Sophomores, Juniors, and Seniors only.**

**Business Management** focuses on the development of the planning, organizing, leading, and controlling functions required for the production and delivery of goods and services. This applied knowledge course addresses the management role of utilizing the businesses' resources of employees, equipment, and capital to achieve an organization's goals. Students will participate in a continuing project throughout the course in which, individually or in teams, they will present recommendations to improve an existing business. Local business partnerships are encouraged to provide resources for faculty and students. Upon completion of this course, proficient students will be able to complete a full review of an existing business and offer recommendations for improvement as would a management consultant. **Juniors and Seniors only.**

**Computer Applications** is a foundational course intended to teach students the computing fundamentals and concepts involved in the proficient use of common application software. Students will learn to key or build their skill keying using the touch system (keying without looking at their hands) via keyboardingonline.com. Upon completion of the course, students will have gained basic proficiency in word processing, spreadsheets, databases, and presentations. In addition, students will have engaged in key critical thinking skills and will have practiced ethical and appropriate behavior required for the responsible use of technology. **Sophomores and Juniors.**

**Introduction to Business and Marketing** is an introductory course designed to give students an overview of the Business Management and Administration, Marketing, and Finance career clusters. The course helps students prepare for the growing complexities of the business world by examining basic principles of business, marketing, and finance in addition to exploring key aspects of leadership, ethical and social responsibilities, and careers. Students' academic skills in communications, mathematics, and economics are reinforced with activities modeled in the context of business topics. Upon completion of this course, proficient students will be equipped with the foundational skills to succeed in any of the Business, Marketing, or Finance programs of study. **Sophomores.**

## **CODING:**

**Computer Science Foundations** is designed to offer an introduction to computer science. Students will learn the basics of computer programming along with the basics of computer science. The material emphasizes computational thinking and helps develop the ability to solve complex problems. It gives students a foundation in the tools used in computer science and prepares students for further study in computer science. **Freshmen, Sophomores, Juniors, and Seniors.**

**Coding I** is a course intended to teach students the basics of computer programming. The course places emphasis on practicing standard programming techniques and learning the logic tools and methods typically used by programmers to create simple computer applications. Upon completion of this course, proficient students will be able to solve problems by planning multi step procedures; write, analyze, review, and revise programs, converting detailed information from workflow charts and diagrams into coded instructions in a computer language; and will be able to troubleshoot/debug programs and software applications to correct malfunctions and ensure their proper execution. **Sophomores, Juniors, and Seniors**

## **CRIMINAL JUSTICE:**

**Criminal Justice I** is the second course in Law Enforcement Services and the Legal and Correctional Services programs of study. It serves as a comprehensive survey of how the law enforcement, legal, and correctional systems interact with each other in the United States. Upon completion of this course, proficient students will understand the context of local, state, and federal laws, have investigative skills pertaining to basic crime scenes and incident documentation, and understand the importance of communications and professionalism in law enforcement. **Sophomores and Juniors.**

Criminal Justice II is the second course in the Criminal Justice and Correctional Services program of study. Upon completion of this course, proficient students will understand the impact of the Constitution on law enforcement, law enforcement and police procedures, alcohol and beverage laws, sentencing, and the importance of communications and professionalism in law enforcement. **Juniors and Seniors**

Criminal Justice III: Investigation is the third course designed to equip students with the knowledge and skills to be successful in the sciences of criminal investigations. Students will learn terminology and investigation skills related to the crime scene, aspects of criminal behavior, and applications of scientific inquiry to solve crimes. By utilizing the scientific inquiry method, students will obtain and analyze evidence through simulated crime scenes and evaluation of case studies. Upon completion of this course, proficient students will be able to identify careers in forensic science, criminology, summarize the laws that govern the application of forensic science, and draw key connections between the history of forensic science system and the modern legal system. **Seniors.**

## **FINANCE:**

Accounting I is an essential course for students who wish to pursue careers in business and finance, or for those who wish to develop important skill sets related to financial literacy. Whether students aspire to be future business owners or work in finance with other companies, accounting skills are fundamental to success and applicable in many different fields. In this course, proficient Accounting students develop skills to analyze business transactions, journalize, post, and prepare worksheets and financial statements, and apply financial analysis to business processes. Additionally, students receive exposure to the ethical considerations that accounting professionals must face and the standards of practice governing their work, such as the GAAP (generally accepted accounting procedures) standards. Upon completion of this course, proficient students will be prepared to apply their accounting skills in more advanced Business and Finance courses, and ultimately pursue postsecondary training. **Prerequisite or Corequisite: Algebra II.**

Accounting II is an advanced study of concepts, principles, and techniques used by businesses to maintain electronic and manual financial records. This course expands on content explored in Accounting I to cover the accounting processes of a variety of different firms, including merchandising, manufacturing, and service-oriented businesses. Upon completion of this course, proficient students will gain in-depth knowledge of business accounting procedures and their applications to business operations. Upon completion of this course, students will be prepared for Page 2 postsecondary study and advanced training in accounting or business. Additionally, completion of this course can lead to a work-based learning (WBL) experience as the program of study capstone. **Prerequisite: Accounting I.**

## **HEALTH SCIENCE:**

Anatomy and Physiology CTE is designed to develop an understanding of the structures and functions of the human body, while relating those to knowledge and skills associated with pathophysiology. Upon completion of this course, proficient students will be able to (1) apply the gross anatomy from earlier courses to a deeper understanding of all body systems, (2) identify the organs and structures of the support and movement systems, (3) relate the structure and function of the communication, control, and integration system, and (4) demonstrate a professional, working understanding of the transportation, respiration, excretory, and reproduction systems. **Juniors.**

Health Science Education is an introductory course designed to prepare students to pursue careers in the fields of biotechnology research, therapeutics, health informatics, diagnostics, and support services. Upon completion of this course, a proficient student will be able to identify careers in these fields, compare the features of healthcare systems, explain the legal and ethical ramifications of the healthcare setting, and begin to perform foundational health care skills. This course will serve as a strong foundation for all the Health Science programs of study. **Sophomores and Juniors.**

Medical Therapeutics is an applied course designed to prepare students to pursue careers in therapeutic and nursing services. Upon completion of this course, a proficient student will be able to identify careers in therapeutics services; assess, monitor, evaluate, and report patient/client health status; and identify the purpose and components of treatments. **Seniors**

Rehabilitation Careers is an applied course designed to prepare students to pursue careers in rehabilitation services. Upon completion of this course, a proficient student will be able to identify careers in rehabilitation services, recognize diseases, disorders or injuries related to rehabilitation services and correlate the related anatomy and physiology then develop a plan of treatment with appropriate modalities. **Juniors and Seniors.**

## **HOSPITALITY & TOURISM:**

Culinary Arts I equips students with the foundational knowledge and skills to pursue careers in the culinary field as a personal chef, caterer, executive chef, and food and beverage manager. Upon completion of this course, proficient students will have knowledge in the components of commercial kitchen safety and sanitation, history of the foodservice industry, careers, nutrition, recipe basics, proper kitchen tools and equipment, and kitchen staples. Throughout the course students will gain experience in commercial food production and service operations, while preparing for further training at the postsecondary level. **Freshmen and Sophomores Only.**

Culinary Arts II is an applied-knowledge course to prepare students for careers in the culinary field as a personal chef, caterer, executive chef, and food and beverage manager. Upon completion of this course, proficient students will have an understating of commercial kitchen safety and sanitation, menu planning, food presentation, purchasing and inventory, preparation skills, cooking principles, and food preparation. Students will gain experience in commercial food production and service operations, while preparing for further training at the postsecondary level. **Sophomores and Juniors Only.**

Culinary Arts III is an advanced course intended to further equip students with the skills and knowledge needed to pursue a variety of careers in the culinary field. Upon completion of the course, students will be proficient in components of commercial kitchen safety and sanitation, dining room service, food preparation and presentation, bakeshop preparation skills and advanced cooking principles. Students will gain experience in commercial food production and service operations, while preparing for further training at the postsecondary level. **Juniors and Seniors only.**

## **HUMAN SERVICES:**

Chemistry of Cosmetology is the advanced level of cosmetology, and it prepares students to perform work-related services using chemicals in the cosmetology industry. Content provides students the opportunity to acquire foundation skills in both theory and practical applications. Laboratory facilities and experiences will be used to simulate cosmetology work experiences. Students completing this portion of the course of cosmetology will acquire the necessary hours to transfer to a post-secondary course of study to complete the hours needed to be eligible to take the Tennessee State Board of Cosmetology examination for the Tennessee Cosmetology License. **Juniors and Seniors.**

Design Principles of Cosmetology is the second level of cosmetology and prepares students for work-related skills and advancement into the Chemistry of Cosmetology course. Content provides students the opportunity to acquire knowledge and skills in both theory and practical application. Advanced knowledge and skills in hair design, nail artistry, and cosmetic applications will be enhanced in a laboratory setting, which duplicates cosmetology industry standards. **Sophomores and Juniors.**

Principles of Cosmetology is the first level of cosmetology, and it prepares students with work related skills for advancement into the Design Principles of Cosmetology course. Content provides students the opportunity to acquire basic fundamental skills in both theory and practical applications of leadership and interpersonal skill development. Content stresses safety, environmental issues, and protection of the public and designers as integrated with principles of hair design, nail structure, and cosmetic procedures. Laboratory facilities and experiences simulate those found in the cosmetology industry. **Freshmen and Sophomores.**

## **MARKETING:**

Co-op or WBL (work-based learning) is available to **seniors** enrolled in marketing, entrepreneurship or personal finance/building wealth for work credit. WBL experiences offer students the opportunity to explore career options and develop critical academic and technical skills in collaboration with community and/or industry involvement. **Entrepreneurship or Marketing I is a corequisite or prerequisite. This course allows students to leave school early to go to work and receive credit for working. Seniors with teacher approval.**

Entrepreneurship is an applied knowledge course that begins with the discovery process of generating new business ideas. Students research local, national, and international social and economic trends and analyze the feasibility of their own proposed businesses, both from a market demand and revenue-producing standpoint. Based on their entrepreneurial endeavors, students will prepare, write, and revise a business plan. In preparation for the business plan, students will conduct market research, study ownership structures, evaluate risks, examine startup costs, determine essential vendors, and identify sources of capital and financing options. Students will also draft, refine, and rehearse entrepreneurship pitches developed from their business plans to present during course intervals and to give final presentations at the conclusion of the course. Upon conclusion of this course, proficient students will be able to articulate, and defend, elements of a full business plan for a new business. **Seniors only.**

Marketing and Management I: Principles focuses on the study of marketing concepts and their practical applications. Students will examine the risks and challenges that marketers face to establish a competitive edge in the sale of products and services. Topics covered include foundational marketing functions such as promotion, distribution, and selling, as well as coverage of economics fundamentals, international marketing, and career development. Upon completion of this course, proficient students will understand the economic principles, the marketing mix, and product development and selling strategies. **Seniors only.**

## **STEM:**

Advanced Design Applications has been designed as an advanced study for students engaged in themed academies and general technology studies that lead to the capacity to understand how technology's development, control and use is based on design constraints, and human wants and needs. The structure of the course challenges students to use design processes so that they can think, plan, design and create solutions to engineering and technological problems. Students are actively involved in the organized and integrated application of technological resources, engineering concepts, and scientific procedures. **Juniors and Seniors.**

Advanced Technological Applications has been designed as an advanced study for students engaged in themed academies and general technology studies that lead to the capacity to understand how technology's development, control and use is based on design constraints, and human wants and needs. The structure of the course challenges students to use design processes so that they can think, plan, design and create solutions to engineering and technological problems. Students are actively involved in the organized and integrated application of technological resources, engineering concepts, and scientific procedures. **Juniors and Seniors only.**

Digital Electronics is a course in which students will construct and test fundamental digital logic circuits such as gates, counters, oscillators, and switches. A/D and D/A converters will be applied to signal processing. Microcontroller programs will be modified and microcontrollers applied to closed-circuit control systems. The course culminates in a group project to create a digital servo control loop. Emphasis is on hands-on activities, real-world equipment, and current technology. **Honors Math and/or Science recommended. Sophomores and juniors.**

Foundations of Technology prepares students to understand and apply technological concepts and processes that are the cornerstone for the high school technology program. Group and individual activities engage students in creating ideas, developing innovations, and engineering practical solutions. Technology content, resources, and laboratory/classroom activities apply student applications to science, mathematics and other school subjects in authentic situations. **Freshmen only.**

Principles of Engineering and Technology is a foundational course in the STEM cluster for students interested in learning more about careers in engineering and technology. This course covers basic skills required for engineering and technology fields of study. Upon completion of this course, proficient students are able to identify and explain the steps in the engineering design process. They can evaluate an existing engineering design, use fundamental sketching and engineering drawing techniques, complete simple design projects using the engineering design process, and effectively communicate design solutions to others. **Honors Math and/or Science recommended. Sophomores.**

Robotics & Automated Systems is an applied course for students who wish to explore how robots and automated systems are used in industry. Building on the content and critical thinking frameworks of Principles of Engineering and Digital Electronics, this course asks students to follow the engineering design process and apply basic programming skills to complete assignments and projects. Upon completion of this course, proficient students will have an understanding of the historical and current uses of robots and automated systems; programmable circuits, interfacing both inputs and outputs; ethical standards for engineering and technology professions; and testing and maintenance of robots and automated systems. **Honors Math and/or Science recommended. Sophomores, Juniors, and Seniors.**

Technological Design presents engineering scope, content, and professional practices through practical applications. Students in engineering teams apply technology, science, and mathematics concepts and skills to solve engineering design problems and innovate designs. **Sophomores only.**

## Dual Enrollment

WSCC Dual Enrollment Composition I & II is taught on SHS campus by faculty provided from Walters State Community College. During the fall semester, students will take Composition 1010 and 1020. Composition 1010 involves the genre of argument with each student preparing several argumentative essays. Composition 1020 is writing about literature. Writing in both classes incorporates research and critical thinking skills. Each class lasts nine weeks. **The fall term classes meet the English IV Honors class requirement for graduation and consideration for top ten percent. English 1010 and 1020 count as six credit hours of college English Composition.**

WSCC Dual Enrollment Intro to Psychology and Intro to Speech - is a one term class taught on SHS campus by faculty provided from Walters State Community College encompasses college courses General Psychology 1030 and Fundamentals of Speech Communication 1010. Students will receive six college hours for this course. The student must have a 3.0 GPA and meet an ACT score requirement. **Juniors and Seniors only.**

WSSC Dual Enrollment Western Civilizations I & II- is a one term class taught on SHS campus by faculty provided from Walters State Community College encompasses Survey of Western Civilization I and II (1110 & 1120). The student must have a 3.0 GPA and meet an ACT score requirement. Students will receive six college credit hours for this course. **Juniors and Seniors only.**

## General Education

### ENGLISH AND LANGUAGE ARTS:

College Prep English I, II, III, IV meet the needs of most students in high school. Coursework at each level includes basic review of grammar, usage, and mechanics and is designed to integrate writing, and literature. A primary goal at each grade level is to prepare students in basic reading comprehension, effective oral and written communication, critical thinking skills, and correct library skills. Studies in literature include a survey of various genres appropriate to the grade level. English I and II literary selections focus on world literature with English III students reading traditional American literature and English IV students reading traditional British selections. **English I & II include the required Tennessee End of Course Exam.**

Honors English I, II, III, IV are designed to challenge and stimulate students in critical thinking, reading, and writing. Although some of the same coursework from College Preparatory English is included, the class moves at a much faster pace, requires summer reading and more reading assignments for class, involves more critical writing and analysis, and vocabulary development. This class is designed for the highly motivated, independent student who welcomes challenge. **This course requires teacher approval and each student must maintain a B average. Honors English II, III, and IV are required for top ten percent ranking. Honors English I & II include the required Tennessee End of Course Exam.**

Skills English I, II, III, IV moves at a somewhat slower, more comprehensive pace. Coursework at each level includes basic review of grammar, usage, and mechanics and is designed to integrate writing and literature. In addition to the primary goal of preparing students in basic reading comprehension, effective oral communication, and critical thinking skills, there is an emphasis on the fundamentals of writing. **Skills English I & II include the required Tennessee End of Course Exam.**

Yearbook/Journalism - also known as annual staff. This course may be repeated for a maximum of two credits each. **By teacher approval only.**

### FINE ARTS:

Visual Art I includes the study of the elements and principles of art with a variety of mediums. Artists, art history and art appreciation will also be studied. There will be a **\$35 lab fee for this class. Sophomores, Juniors, and Seniors.**

Visual Art II is an intermediate level class in drawing, painting and sculpture. Not recommended for students with a grade below "B" in Art I. There will be a **\$35 lab fee for this class. Prerequisite: Art I. Open to Juniors, and Seniors.**

Visual Art III is an advanced level in drawing, painting, and sculpture. Not recommended for those with a grade below "B" in Art II. There will be a **\$35 lab fee for this class. Prerequisite: Art II. Open to Juniors and seniors and may be repeated for credit.**

Theater Arts I focuses on improvisational acting skills, characterization, Duet Acting and interpretive style acting events in Forensics. The students will have the opportunity to act in both a dual setting and a final stage production. **Sophomores, juniors, and seniors.**

Theater Arts II/III Open to all students that have taken Theater Arts I. The students in this class will focus on advanced acting and public speaking. The student will write plays based on children's literature or prose. The plays are written and directed by students. The students in the class will also have an opportunity to be cast in a one act play. Advanced public speaking options include congressional speaking, public forum and Lincoln Douglas debate. **May be repeated for credit.**

Concert, Symphonic, and Marching Band (Instrumental Music) is designed to teach students musical and artistic qualities and help them achieve artistic goals in their musical career. Through the teaching of music, the students must obtain discipline, diligence, thinking, reasoning, a work ethic, patience, and respect for others. This course is designed to give students the opportunity to improve their proficiency in sight-reading, musical technique, and performance. **First semester is devoted mainly to marching band, including performances and contests. (1 credit each) May be repeated for a total of 8 credits. Open to all grades. You may receive a maximum of 8 credits in instrumental music.**

Introduction to World Music and History of Rock and Roll is about the creation of music. Where did music come from and how did we get to where we are today. Students will learn about the evolution of music and the history of Rock and Roll. **Open Juniors, and Seniors.**

Men's Ensemble focuses on learning through performance. Performance skills will be developed by working on sight-reading, voice studies, and by performing traditional and contemporary pieces. Studies will also involve work in the areas of music history, music theory, and aural perception. The performance grade will be based on individual as well as group performances. **May be repeated for credit. Open to freshmen, sophomores, juniors, and seniors. You may receive a maximum of 8 credits in vocal music.**

Women's Ensemble focuses on learning through performance. Performance skills will be developed by working on sight-reading, voice studies, and by performing traditional and contemporary pieces. Studies will also involve work in the areas of music history, music theory, and aural perception. The performance grade will be based on individual as well as group performances. **May be repeated for credit. Open to freshmen, sophomores, juniors, and seniors. You may receive a maximum of 8 credits in vocal music.**

SHS Concert Choir focuses on learning through performance. Performance skills will be developed by working on sight-reading, voice studies, and by performing traditional and contemporary pieces. Studies will also involve work in the areas of music history, music theory, and aural perception. The performance grade will be based on individual as well as group performances. **May be repeated for credit. Open to Freshmen, Sophomores, Juniors, and Seniors. You may receive a maximum of 8 credits in vocal music.**

## **FITNESS AND SAFETY:**

(\*You may receive a maximum of 6 P.E. credits)

Driver's Education is an elective **open to sophomores fifteen and over, with juniors and seniors getting first choice.** It is a two-phase program comprised of classroom and behind the wheel instruction. The classroom phase teaches the student a "strategy" for a lifetime of competent driving (S.I.P.D.E.). The behind-the-wheel phase makes practical application of this strategy. This course enables student drivers to respect traffic laws, law enforcement officers, pedestrians, and other motor vehicle operators. **Must have a driver's permit or license when class starts.**

Lifetime Wellness is a holistic approach to health and lifetime physical activities in Tennessee high schools. This approach to total wellness encompasses the physical, mental, social, and emotional well-being of the individual. The emphasis is on health-related fitness and not on skill related fitness. Personal fitness and nutrition are emphasized and integrated throughout the course. Students are provided opportunities to explore how content areas are interrelated. Students acquire knowledge and skills necessary to make informed decisions regarding their health and well-being throughout their lifetime. **A graduation requirement most often taken by freshmen.**

SAQ (Speed, Agility, and Quickness) and Advanced P.E. focus on a combination of conditioning, strength training and the development of a competitive attitude. **Only available for students participating in the SHS sports. May be repeated for a maximum of six credits.**

Team Sports is a one credit course that provides a variety of activities in the areas of health related fitness, individual sports, and team sports. Each unit is designed to teach the basic skills, rules and strategies necessary to understand and perform a variety of activities. **Opened to students who need the required PE credit. May not be repeated for credit.**

## **FOREIGN LANGUAGE:**

**(Colleges recommend against freshmen taking a foreign language)**

French I is an introduction to the French language and culture, designed for the beginning language student. The audio-lingual approach is employed to teach beginning skills in listening, speaking, reading, and writing, with emphasis on basic vocabulary, grammar and pronunciation. Simple conversation in French, language structures and an overview of French customs are primary goals.

French II is a continuation and expansion of the skills taught in the first-year course. Conversation, listening, composition and reading skills are further developed. A more in-depth view of the French civilization is presented with an examination of the art, literature and music of the French people.

Honors French III/IV students will expand skills in the French language, culture, and study into French History. **May be repeated for credit.**

Latin I is an introduction to the Latin language designed for the beginning language student. Emphasis is placed on developing skills in reading, and writing, an understanding of basic language structures, and an overview of Roman culture.

Latin II is a continuation and expansion of the skills taught in the first-year course. Composition and reading skills are further developed, as is a more complete understanding of the Roman civilization and its influence in art, literature, and music.

Honors Latin III/IV is a continuation and expansion skills in the Latin language, culture, and study into Latin History. When taken for H Latin III credit, students will expand their knowledge of Latin grammar with the goal of reading the works of Cicero and other selected authors. **May be repeated for credit.**

Spanish I is an introduction to the Spanish language and culture, designed for the beginning language student. The audio-lingual approach is employed to teach beginning skills in listening, speaking, reading, and writing. Simple conversations in Spanish, an understanding of basic Spanish language structures, and an overview of Spanish lands and customs are the primary goals.

Spanish II students will expand and refine skills in the Spanish language. A greater depth in conversation, listening, writing, and reading skills are further developed. A more in-depth view of Spanish and Hispanic civilizations is presented with an examination of the art, literature, and music of the Spanish people. Both past and present Spanish contributions to the United States are also considered.

Honors Spanish III and/or Spanish IV students will continue to expand and refine skills in the Spanish language. A greater depth in conversation, listening, writing, and reading abilities will be achieved. Students will express personal ideas in the language and learn to apply the knowledge of Spanish to real life situations. The appreciation of the Hispanic cultures in a global context and practice of Spanish will prepare for future communication needs in the workplace. **May be repeated for credit.**

## **MATHEMATICS:**

Algebra IA and IB are courses for students who have mastered skills of operations of rational numbers and solving ratios, proportion, and percent problems. Evaluation and manipulating algebraic expressions is a fundamental element of this course, as well as applications and problem-solving techniques. This course is taught all year for two credits-one elective credit and one Algebra I credit. **Only the Algebra IB credit counts as a math credit, is the mandatory course for all students to meet graduation requirements and includes the required Tennessee End of Course Exam.**

Algebra IB Honors/ Geometry Honors is an accelerated freshman course based on the expansion of typical Algebra I and Geometry topics. This is strictly for those students who completed Algebra IA in the eighth grade accelerated program. **This course is all year and earns two credits. By placement only and includes the required Tennessee End of Course Exams for Algebra and Geometry.**

Algebra II is an extension of Algebra I skills designed to further explore linear functions, polynomial expressions, and systems of equations. Additional topics to be studied include complex numbers, quadratic functions, matrices, conic sections, and logarithms. **Prerequisite: Algebra IB and Geometry. It includes the required Tennessee End of Course Exam.**

Algebra II Honors is an accelerated junior course based on the expansion of the typical Algebra II topics. **Requires a teacher recommendation and minimum Algebra I EOC and Geometry EOC scores. Prerequisite: Algebra I and Geometry. It includes the required Tennessee End of Course Exam.**

Applied Mathematical Concepts is focused on application and modeling with industry needs in mind. It is aligned to the ACT college- and career- readiness standards and contains content from Discrete and Finite Math. Topics include counting, combinatorics, probability, financial math, and linear programming. **Seniors need a 19 or higher ACT score for this class. Prerequisite: Geometry and Algebra II.**

Bridge Math is a course intended to build upon concepts taught in previous courses to allow students to gain a deeper knowledge of the real and complex number systems as well as the structure, use, and application of equations, expressions, and functions. Functions emphasized include linear, quadratic and polynomial. Students continue mastery of geometric concepts such as similarity, congruence, right triangles, and circles. Students use categorical and quantitative data to model real life situations and rules of probability to compute probabilities of compound events. **Prerequisite: Geometry and Algebra II.**

Calculus Honors is the study of all concepts found in one semester of calculus at the university level. Differential calculus topics include finding the tangent line to a curve, implicit differentiation, related rates,

and optimization problems. Integral calculus includes finding area between curves, volume and surface area of solids of revolution, and arc length. **Prerequisite: Pre-Calculus.**

**Geometry** is a course designed to provide a unified survey of plane and solid geometry. In addition, logical thinking skills are developed through the use of deductive and inductive reasoning. Vocabulary development, algebraic and geometric proofs, constructions, area and volume, and algebraic applications to geometric problems are included in this course. **Prerequisite: Algebra I. It includes the required Tennessee End of Course Exam.**

**Geometry Honors** is an accelerated sophomore course based on the expansion of the typical geometry topics. **Requires a teacher recommendation and minimum Algebra I EOC score. Prerequisite: Algebra I. It includes the required Tennessee End of Course Exam.**

**Pre-Calculus Honors** is a course designed to prepare the student for college mathematics. It involves the study of the circular and trigonometric functions and applications of trigonometry. Advanced algebra topics include using polynomial, radical, exponential, logarithmic models, and using matrices. Pre-calculus encompasses a review of trigonometry as well as function analysis, sequences and series, and conic sections. Elementary calculus concepts include continuity, limits, slopes of tangent lines, and basic differentiation and integration. **Prerequisite: Honors Stats with Trig.**

**SAILS Math** is the Seamless Alignment and Integrated Learning Support (SAILS) program designed for students who have not achieved college readiness benchmarks (18 or less in math) by introducing the college developmental curriculum into the high school senior year. SAILS embeds the Tennessee Board of Regents (TBR) Learning Support competencies into the high school senior year math, allowing students to begin their higher education career prepared for credit bearing coursework. **Requires an ACT Math score of 18 or less.**

**Probability and Statistics** is a preparation class for college bound students designed to teach students to interpret categorical and quantitative data, conditional probability and the rules of probability, to use probability to make decisions, and to make inferences and justify conclusions. Its applications emphasize extended concepts of unit circle, right triangle, and analytic geometry concepts. **Prerequisites: Geometry and Algebra II. It is most often a fourth year or senior math class and requires a minimum ACT Math score of 19**

## **SCIENCE:**

(\*All Science classes are Lab Sciences)

**Anatomy and Physiology Honors** is the study of the structure and function of the human body. Major topics covered include body systems and disease epidemiology and pathology. Medical terminology is introduced and utilized. Lab activities and outside work are an integral part of this class. **This is an honors course and there is a significant amount of outside work expected and required. Prerequisites: Biology I and Chemistry I.**

**Biology II Honors** is a continuation of Biology I. Major topics include microbiology, embryology, advanced genetics, botany, and zoology. This course includes lab work and dissections, as well as considerable work and research outside of class. Biology II is recommended for those who wish to pursue a degree in science. **Prerequisites: Biology I and Chemistry I.**

**Chemistry I and Honors Chemistry I** are an introduction to the study of matter, the “stuff” that makes up our world. Chemistry I describe the chemical, physical, and nuclear structure of matter and how it affects our lives. Students will explore the classification of matter, atomic structure and atomic theory, interactions of particles, gas laws, and an understanding of the periodic table and how to utilize the

information it provides. There is a strong math component to this course, and students need to be proficient in Algebra I skills. Chemistry I includes laboratory experiments, with precise lab techniques and safety being emphasized. There is a significant amount of outside work required and expected for success in this course. **Honors Chemistry I explores the above topics in greater depth and requires students to complete one or more project-based assignments. Chemistry I is a graduation requirement for Tennessee high school students. Prerequisites for Chemistry I: Biology I and Physical Science OR Honors Biology I. —Some freshmen who have an A in regular Biology I and who are in Honors Geometry or who have an A or a high B in Algebra IB can be recommended for Honors Chemistry as a sophomore.**

Chemistry II Honors is a continuation of Chemistry I, and is recommended for those who plan to take chemistry in college. Major topics include the Kinetic Theory, solution chemistry, reaction rates, organic chemistry and careers in science. Lab work and lab safety are strongly emphasized as are lab analytical skills. Honors level projects are an integral component of the class. **Prerequisite: Honors Chemistry I.**

Ecology Honors addresses the complex relationships between organisms and their environment. Topics included are ecosystem structure, energy flow, ecosystem diversity, biodiversity, natural ecosystem change, biogeochemical cycles, population biology, and wise use of resources. Lab investigations and independent projects are required. **Prerequisite: Chemistry I. Open to Juniors and Seniors.**

Environmental Science/Biology I College Prep are two combined courses for a yearlong experience, earning two high school science credits – one in environmental science and one in Biology I. Biology is the study of living things and their physical processes. Major topics include cellular biology, interactions and behavior of organisms, genetics, and ecology, as well as lab activities and dissections. **Biology I is a graduation requirements for Tennessee high school students and includes a required Tennessee End of Course Exam. Freshmen only.**

Environmental Science Honors/Biology I Honors are two combined courses for a yearlong experience, earning two honors high school science credits - one in environmental science and one in Biology I. Major topics include cellular and molecular biology, interdependence, energy, genetics, and biodiversity, as well as lab activities and dissections. Class time will be spent efficiently exploring content, applying what is learned through hands on activities and honing good laboratory skills. Independent research projects, additional readings and classroom presentations are also required. Due to the abundant amount of material covered in this class, it is imperative for the student to be present and have presence every day. A strong interest in science is recommended. **Biology I is a graduation requirement for Tennessee high school students and includes the required Tennessee End of Course Exam. Freshmen only.**

Environmental Science/ Biology I Skills combine to make-up a yearlong science class for two high school credits - one in environmental science and a credit in Biology I. These science courses investigate the relationship between structure and function from molecules to organisms and systems, the interdependence and interactions of biotic and abiotic components of the environment, and mechanisms that maintain continuity and lead to changes in populations over time. Due to the abundant amount of materials covered in this class, it is imperative for you to be present and have presence every day. The grade will be determined by student ability and effort. **Biology I is a required science credit and includes the required Tennessee End of Course Exam. Freshmen only.**

Geology is a course that explores the origins and the connections between the physical, chemical, and biological processes of the Earth system. The student will investigate matter and minerals, geologic history, map reading, rocks and the rock cycle, and careers in science. Students experience the content of geology both in and out of the classroom. **Prerequisites: Biology I and Chemistry I.**

Physical Science introduces the student to both chemistry and physics concepts. It is the study of matter and energy and offers an introductory lab experience. **This course is the standard sophomore science course.**

Physics Honors is a study of the natural world in terms of matter and energy and the interactions between them. Physics covers the major topics of energy: mechanics, heat, sound, light and optics, electricity, and nuclear/quantum physics. Lab experiences are an integral part of the course as is considerable practice and reading outside of class. Science practice skills will be developed and utilized, and the student will become a master at graphing and data analysis. Highly recommended for those interested in college sciences, but particularly for those planning on exploring engineering as a career. **Prerequisites: Chemistry I and Algebra II. Successful completion of this class may earn one of the four required math credits.**

## **SOCIAL STUDIES:**

Preparing for the ACT, Postsecondary, and Career is designed to assist students in (a) understanding what the ACT is, why it is important for their postsecondary readiness, and how to interpret their progress/results; (b) understanding how academic skills connect to career pathways and postsecondary opportunities; (c) preparing for the ACT exam through instruction, practice, and familiarity with the structure and format of the ACT exam; and (d) identifying and using best practices for maximizing one's score (e.g. "test tips", strategies for dealing with test anxiety, benefits of retaking the exam). **Sophomores and Juniors.**

America at War covers all military conflicts involving the United States of America with emphasis on the conflicts of the Twentieth and Twenty-first Century. Each conflict will be analyzed for causes, antagonists, major battles and situations that occurred. The results of each war will also be discussed with a focus on continuing ramifications for the United States and the global community. Wars and conflicts to be covered include; The French and Indian War, The American Revolution, The War of 1812, The Texas Revolution, The War with Mexico, The Civil War, the Spanish American War, World War I, World War II, The Korean War, the Vietnam War, The Persian Gulf War (Desert Storm), The War on Terror (Iraq and Afghanistan). **Sophomores.**

American Presidents takes a closer look at each of the individual presidents.. The class will examine multiple aspects of the president's lives using multiple methods of discovery. This class is project-based learning. The students will get to take ownership in their learning through multiple projects throughout the semester. **Sophomores, Juniors, and Seniors.**

Ancient World History deals with the study of our earliest civilizations through the Middle Ages (1450 AD). May focus on one ancient civilization: e.g., Egypt, Greece, Rome, and China and its political, economic, religious, and militaristic aspects of history. **Sophomores, juniors and seniors.**

Appalachian Studies covers the history and culture of the Appalachian region focusing primarily on the Southern Appalachians so students may better understand the people and area where they live. **Sophomores.**

Contemporary Issues provides students the opportunity to explore current affairs as they unfold throughout the world and to analyze these events concerning how they shape and mold our everyday lives. Students will be exposed to major political, economic, and social events of the day. Students enrolled in this class are expected to follow daily news. **Juniors and seniors only.**

**Economics** is a practical study of the features and functions of economics and economic systems in the United States and in the world. Economics is a study of economic principles and theories, presenting ideas and developing them logically. Economics is a study which gives the student practical and useful information on how to function in a world of economic activity. Ideas that develop are reinforced through textbooks, workbooks, films, graphs, charts, tables, and diagrams. **Seniors only. Taught with personal finance.**

**Personal Finance** is designed to help students understand the impact of individual choices on occupational goals and future earnings potential. Real world topics covered will include income, money management, spending and credit, as well as saving and investing. Students will design personal and household budgets; simulate use of checking and saving accounts; demonstrate knowledge of finance, debt, and credit management; and evaluate and understand insurance and taxes. This course will provide a foundational understanding for making informed personal financial decisions. The co-curricular student organization will provide students with opportunities for leadership development, personal growth, and school/community involvement. **Seniors only. Taught with economics.**

**Psychology** introduces students to the scientific study of how humans learn, think, feel, and believe. Emphasis will be on human growth and development, understanding human behavior, learning and thinking, perception, emotions, motives, and social behavior. The course will help students understand themselves and their roles in a complex, ever-changing world. **Juniors and seniors only.**

**U. S. Government** is designed to cover the political theory behind and the actual operation of local, state, and national governments. Government is the study of the proper and peaceful relationships between the individual and groups within a country, as well as the powers and responsibilities divided among the citizens and branches of the governing bodies. Study of other forms of government is used for comparison. **Sophomores.**

**World Geography** deals with the study of various places on the face of the earth. Geography attempts to describe how all the world's places are similar and how each place is unique, and to explain the reasons for these similarities and differences. Geography studies the physical environment, the people, and the effects of the environment. **Freshman only.**

## Special Education

CDC is the comprehensive Developmental Classroom (CDC) that is designed to serve students with moderate, severe, and profound disabilities in the least restrictive environment. The program implements an activity-based curriculum that involves integration in the regular school program, community-based programming, and functional and independent living skills development. **Placement by IEP only. May be repeated for credit.**

Study Skills formerly known as work study is one of several special services offered identified students with special needs. Students in this class may earn one credit per term toward graduation and are mainstreamed into the regular curriculum for other graduation course requirements. Emphasis is usually placed on state competency skill development and/ or regular classroom studies support. **Placement by IEP only. May be repeated for credit.**

Transition I - Work Skills is designed to assist students in refining their personal and academic goals and to provide an opportunity for them to explore a range of educational and career options. Units of instruction will focus on the development of work-related skills and links to college and community resources and will include goal setting, test-taking, teamwork, and employer and college classroom. **Fall of junior year. Placement by IEP only. May be repeated for credit.**

Transition I - Work Experience is designed to provide students with an IEP the opportunity to identify skills related to specific careers and to practice those skills in supervised community-based work experiences. **Spring of junior year. Placement by IEP only. May be repeated for credit.**

Transition II - Career Preparation is designed to address the needs of seniors as they prepare for the next steps after graduation. In addition to the knowledge and skills introduced in Transition I, units of instruction will include work readiness attitudes and behaviors, life planning and budgeting, healthy support systems, college selection and application, financial aid and scholarship application, job selection and application, etiquette and interviewing skills, and independent living. **Fall of senior year. Placement by IEP only. May be repeated for credit.**

Transition II - Career Practicum is considered a WBL capstone experience. Students will use their high school plan of study as the basis for their Career Practicum experience. This course aligns with the requirements of the Work-Based Learning Framework, with the Tennessee Department of Education's Work-Based Learning Policy Guide, and with state and federal Child Labor Law. **Fall of senior year. Placement by IEP only. 1-2 credits per year, including the summer term.**

# EXTRA CURRICULAR ACTIVITIES

## Sports

Softball	Todd Ogle
Girls Soccer	Ron Blaydes
Boys Soccer	Fredrick Ellis
Wrestling	Darrell Lauderdale
Girls Basketball	Gregory Hernandez
Boys Baseball	Kyle Koenaman
Boys Basketball	Dustin Carr
Girls Volleyball	Kasey Norman
Cross Country	Scott Nicholson
Cheerleading	Ashley Arnold
Tennis (Boys and Girls)	Dustin Carr
Football	Clayton Branton
Track & Field (Boys and Girls)	Ron Blaydes
Bowling (Boys and Girls)	Mickey Williams
Golf (Boys and Girls)	Todd Ogle
Dance	Kristy McCord

**Eligibility to Play Sports:** According to TSSAA rules, a student is eligible to participate in an approved sport if he or she has successfully earned six credits the previous year. Students must have a physical examination prior to participation in practice or games. Student athletes must also adhere to the drug testing policy defined by Sevier County School Board Policy, BP649. Athletes will be subject to random drug testing.

## Clubs, Services, Honor Societies, and Other Activities

(You can find out more about our clubs at [seymourhs.com](http://seymourhs.com))

Acappella (rEagle Harmonix)	Ms J Burkhart and Ms Glovak
Academic Decathlon	Mr. Williams
Art Club	Ms. McCroskey
Audio/Video	Mr. Blaydes
Beta Club	Mr. Blaydes, Mr. Ogle, Ms. Mullins, Ms. Hickman, Ms. Humble, Ms. Hutton, and Ms. Quincy
Boys State	Ms. B Schultz
Dance Team	Ms. McCord & Ms Mize
DECA (Distributive Education Clubs of America)	Ms. Johnson
Debate Team (Forensics)	Ms. Smallwood
Drama Club	Ms. Smallwood
FBLA (Future Business Leaders of America)	Ms. R Burkhart
FFA	Mr. Delozier & Mr. Ellis
FCA (Fellowship of Christian Athletes)	Ms. Sterling & Ms Emert
Fishing Club	Ms. Gaddis
Gaming Club	Ms. Anderson
Girls State	Ms. B Schultz
Governor's Schools	Ms. B Schultz, Ms Troutman, Ms Mize
History Club	Mr. Ogle, Ms C. Williams, & Ms Sterling
Indoor Percussion	Ms. Messinetti & Mr. Cole
Interact Club	Ms. J Burkhart & Ms. Glovak
International Club	Ms. Gibson, Ms. R Shultz, Mr. Ball, Mr Parker
International Travels	Ms Gibson
Jazz Band	Ms. Messinetti & Mr. Cole
Key Club	Ms. Williams & Ms. White
Lacrosse	Mr. Doyle
Latin Club	Mr. Ball
Magic Gathering Club	Ms. Turner
Majorettes	Ms. McCord
Mock Trial	Mr. Ogle
National Honor Society (Seniors only)	Ms. Gibson
Percussion Competition	Ms. Messinetti & Mr. Cole
Photography Club	Mr. Caughron
Prom Committee	Ms. Nichols, Ms. C. Williams, & Ms. Mullins
Scholar's Bowl	Ms. C Williams
Science Club	Ms. Tankersley
Smoky Mountain Youth Leadership	Ms. B Schultz & Mr. C Householder
Special Olympics	Dr. Sims & Ms. Underwood
Student Government	Mr. C Householder
Student Athletic Training Program	Mr. Seaton
Tabletop Gaming Club	Ms. Turner
Technical Student Association (TSA)	Mr. Blaydes
Teen Board	Ms. McCord & Ms. R. Shultz
Tri-M Music Honor Society	Ms. J Burkhart & Ms. Glovak
TSA (Technology)	Mr. Blaydes
Wind Ensemble	Ms. Messinetti & Mr. Cole
Winter Club	Ms. C Williams
Winter Guard	Ms. Messinetti & Mr. Cole

## Descriptions

**Academic Decathlon** is a national academic competition founded in 1969. The State of Tennessee has hosted Academic Decathlon Competition since 1986 and Seymour High School has participated every year since that time. The Academic Decathlon is modeled after the Athletic Decathlon, in that students compete in ten academic subjects: speech, interview, essay, art, math, economics, language and literature, social studies and music. The most unique aspect of the competition is the makeup of the team. Each team consists of nine members divided into three categories based on grade point average. Students maintaining a GPA of 3.75 and above compete in the *honors* category. Students maintaining a GPA of 3.0-3.740 compete in the *scholastic* category. Students maintaining a GPA of 2.99 and below compete in the *Varsity* category.

**Art Club** - Seymour High School Art Club is open to all students in grades 9-12. Students do not have to be enrolled in an art class or be an artist to be a member. Membership dues - \$5.00 Art Club participates in projects and develops art appreciation and awareness in our school and our community.

**The Seymour High School Chapter of the National Beta Club** is part of the largest independent, nonprofit, educational youth organization in America. The motto of the National Beta Club is "let us lead by serving others." The Senior Beta Club is comprised of students, grade 9-12, who have a cumulative GPA of 3.0 or better and are required to maintain that GPA. Students can join at the beginning of each school year. The club is a community service-oriented club. The students are asked to pay dues (to the National Club) and required a minimum of 20 hours of community service per year. The club in the past has been a part of the Angel Tree of SHS, Cross Food Ministries, Seymour Primary Fall Festival, Seymour Intermediate Christmas around the World, Miracle for Megan Bracelets, and the list goes on. Each year our club travels to Nashville to compete in academic competitions and campaign at the State Convention. If qualified for the National Convention, we attend that as well. Come be a part of this wonderful organization.

**American Legion Boys State** is among the most respected educational programs of government instruction for high school students. In the weeklong experience, each participant, who have completed their junior year, becomes a part of the operation of his local, county and state government. Activities include legislative sessions, court proceedings, law enforcement presentations, assemblies, bands, chorus and recreational programs. It is a high intensity program for advanced students.

**Chess Club** students get together once a week to learn and play chess. All different abilities are welcome.

**Seymour High School Dance Team** is a student run club with the support of a faculty advisor and dance coach. The team practices every Tuesday and Thursday during football and basketball season from the end of the school day till 5:30pm. The team performs during home football games and Friday night home basketball games. The team is made up of inspiring students grades 9-12. Open auditions are held in the spring of the upcoming school year and as growth continues the auditions may become closed. The Seymour High School Dance Team welcomes all students willing to work hard after school, complete dance performances during season, accepts academics as a priority, and enjoys the part of "team" in teamwork.

**Distributive Education Clubs of America (DECA)** is associated with students enrolled in Marketing I, Entrepreneurship and WBL. The club's main project is collecting items for Mission of Hope. We also compete at the Regional Level at the District Competition.

**rEagle Harmonix** is an a cappella group comprised of students graded 9 - 12. They are under the musical direction of 2011 SHS graduate, Andrea Markowitz and Mrs. Burkhart. This hard-working group has a history of success. In 2017, they auditioned and were one of two choirs chosen to be the exhibition choir for Avi Kaplan, the bass singer, from the Grammy Award winning group, Pentatonix. They also auditioned and were selected to be the exhibition choir for Deke Sharon, the musical producer and director for The Sing-Off and movies Pitch Perfect 1 and 2. In 2018, they were chosen by Avi Kaplan as the winners of The University of Tennessee A Cappella Competition, and they also were ranked 16th in the nation at the International Competition of High School A Cappella competition. In 2019, they won first place at the Bijou A Cappella Competition. Auditions for the upcoming year are held in May. Announcements regarding audition dates and requirements are given to both the high school and junior high.

**Future Business Leaders of America (FBLA)** is a nonprofit 501(c)(3) education association with a quarter million students preparing for careers in business and business-related fields. The association has four divisions. It is the largest business career student organization in the world. The high school division has 215,000 members, while the postsecondary division reaches over 11,000 college students. Our members can develop leadership skills as they participate in school and community service projects, field trips, attend meetings and compete at the regional, state, and national level. National website: <http://www.fbla-pbl.org/> **If you are interested in any business or business-related career you need to join FBLA.**

**Fishing Team** members join the B.A.S.S. professional angling society which promotes responsible angling and sportsmanship (\$20 joining fee). We meet once a month to learn more about bass biology, fishing techniques, map interpretation, lake ecology, and boating safety. Additionally, members have the opportunity to attend at least four competitive high school tournaments per year.

**National FFA** is dedicated to making a positive difference in the lives of students by developing their potential for premier leadership, personal growth and career success through agricultural education.

**Gaming Club** is a time and place for students to get together and have a good time playing various competitive video and board games.

**American Legion Auxiliary Girls State** is a week-long, nonpartisan program that teaches young women, who have completed their junior year in high school, responsible citizenship. Girls State provides tested and effective hands-on experience in city, county, and state government, as well as innovative activities and personal growth opportunities for every student. These activities include, but are not limited to, athletics, academics, public speaking, and music. It is a high intensity program for advanced students.

**Governor's School** offers selected gifted and talented high school students learning experiences at various college campuses across the state of Tennessee. The month long experience during the summer after their sophomore or junior year is a challenging and high intensity program in the areas of Agricultural Sciences (UT Martin), Arts (including dance, filmmaking, instrumental music, vocal music, theatre, and visual art at MTSU), Computational Physics (Austin Peay) Emerging Technologies (TN Tech University), Humanities (UT Martin), Innovation and Entrepreneurship (TN Tech University), International Studies (University of Memphis), Prospective Teachers (UT Chattanooga), Sciences and Engineering ( UT Knoxville), Scientific Exploration of Tennessee Heritage (ETSU), and Scientific Models and Data Analysis (ETSU).

**History Club** is open to any student ,9-12, who has an interest in History. We have meetings after school once a month. In the past (no pun intended!) we have had guest speakers, taken history walking tours in Knoxville and have participated in East Tennessee History Day. One student made it all the way to the National History Day competition in Washington DC!

**Interact Club** is an internationally recognized service organization that is open to all students grades 9 – 12 with no GPA prerequisite. Membership is available to anyone who has a desire to help others. The motto of this club is “Service Above Self.” Interact has a membership of over 250,000 youth in more than 11,000 clubs worldwide. Interacts name is a combination of the words international and action. Students in the Interact Club can participate in a club that offers fun, meaningful service activities while providing a chance to develop leadership skills and meet new friends. Members of Interact are dedicated to the community and international service. The SHS Interact requires a minimum of 10 hours of community service each year. Among its annual service projects are the annual SHS Veterans Day Program, The Smoky Mountain Service Dog, The Military Working Dog Team Support Association, Clubhouse Guatemala, Boo at the Zoo, Boyds Creek Elementary Fall Festival, the SHS Angel Tree, Asbury Fall Festival, Cross Food Ministries, Heart to Heart, Wipe Out Polio Day, and a host of other activities. The Interact Club also participates in the annual Interact Convention in Pigeon Forge and has placed first for the past two years in Small Group Talent, Large Group Talent, and Solo Talent. This club is sponsored by the Seymour Breakfast Rotary Club.

**International Club** is dedicated to celebrating international culture and language. It primarily consists of students taking Latin, French, or Spanish, but you do not have to take any of these classes to be eligible. The international Club takes field trips every year, including the very popular and educational trip to Dollywood’s Festival of Nations every spring. Its members compete yearly in the homecoming parade, often finishing in the top three in the contest. The International Club celebrates important international holidays with parties before and after school that are open only to members.

**International Traveler’s Club** is comprised of a group of students who travel out of the country with teachers from SHS. The club attempts to take one trip every year. While these trips are not technically school related, SHS students make up the majority of students who travel with the club. Invitations for trips are given to students taking Latin, French, or Spanish, but students do not have to take any of these classes to be eligible to travel. Even parents or friends from other schools can join the club and travel.

**Key Club** is an international student-led organization that provides its members with opportunities to provide service, build character, and develop leadership. We volunteer within the Seymour/Sevier County community with any organizations in need of volunteers. Community service hours earned can be applied to Beta or National Honors Society if approved by that respective sponsor. Open to grades 9-12.

**Mock Trial** consists of a group of students 9-12 who get a "case" from the Tennessee Bar Association. The students choose parts of lawyers and witnesses. The lawyers work on openings, closings, directs, and crosses. Witnesses prepare their "character". After weeks and weeks of work and practice the students compete against schools from Knox, Blount, and Jefferson counties. The winners of this competition go to Nashville to compete on the state level.

**National Honor Society (NHS)** is the nation's premier organization established to recognize outstanding high school students. More than just an honor roll, NHS serves to honor those students who have demonstrated excellence in the areas of *scholarship, leadership, service, and character*. Seymour’s NHS Chapter was opened in 2000, and it inducts only senior members.

**Scholar’s Bowl** Are you smart? Do you know a little bit about everything or everything about something? Are you good at Jeopardy? Do you like to compete? Would you like to be on TV? If you answer yes to these questions, you are a good candidate for Seymour High School Scholars Bowl team. We practice twice a week and have several tournaments each year and compete on PBS’s Scholar’s Bowl televised competition.

**Smoky Mountain Youth Leadership, SMYL**, is comprised of selected sophomores and juniors who are chosen for the program and participate in the activities during the school year. These students are able to attend field trips once a month, along with other Sevier County high school students, to participate in developing leadership skills. The students can take an inside look into various aspects of Sevier County and the operation/history of Sevier County.

**Student Athletic Training Program** was formally established in the Fall Semester, 2003. Subsequently, the program has accepted many students and previous has filled four positions a year. Since the beginning, students have been afforded the opportunity to work virtually with every different sport that Seymour High School has to offer in a variety of sporting arenas. Students have been given an opportunity to travel to various schools both in and out of our region and have been exposed to a variety of college athletic training facilities, as well. Student Athletic Trainers and students participate in both the planning and functioning of special events outside of the secondary school setting. The goals and objectives of this program range from an introduction to Athletic Training and other related medical professions to introductory teachings of rehabilitation techniques, the therapeutic modality usage incorporated into our training facility, emergency care and planning, basic first-aid and wound care, a general knowledge of basic human Anatomy and Physiological functioning, and knowledge of general taping/splinting/bracing techniques. This basis of knowledge has been monumental in laying the groundwork for many former students to pursue careers in not only Athletic Training, but also many other Allied Health Care and medical professions.

**Seymour High School Student Government** has been established to give voice and representation to all students of Seymour High School and to promote the goals and mission of Seymour High School. The Student Government serves as a link between students and the administration. Additionally, we promote improved ties between students, students and faculty, and students and the community all in the pursuit of a healthy school environment. Elections for the freshmen representatives will be held in September of their freshman year.

**The Tri-M Music Honor Society®** is a program which focuses on creating future leaders in music education and music advocacy. Tri-M® is the only national honor society for student musicians in grades 6-12. There are more than **1,800 chapters** across all 50 states, involving more than **75,000 students**. Each year, these students contribute more than **750,000 service hours** to their schools and local communities and **raise nearly \$1 million** for causes they care about.