

# Cosby High School

## 2021 – 2022 Course Curriculum Catalog

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CosbyHigh.com



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**Registrar:**

Beth Murrell

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# Graduation Requirements

<b>English</b> (English I, English II, English III, English IV)	4 Credits
<b>Math</b> (Algebra I, Algebra II, Geometry, and one upper level math (Must take one math course per year)	4 Credits
<b>Science</b> (Biology, Chemistry or Physics, and 1 additional lab science)	3 Credits
<b>World History/Geography</b>	1 Credit
<b>U.S. Government</b> (Three courses of NJROTC can substitute for US Govt)	1 Credit
<b>U.S. History</b>	1 Credit
<b>Economics/Personal Finance</b>	1 Credit
<b>*Foreign Language</b> (must be same language, for example Spanish I and II)	2 Credits
<b>*Fine Art</b> (Band, Music, Piano, Art, Theatre Arts)	1 Credit
<b>Wellness</b> ( or Two credits of NJROTC)	1 Credit
<b>Physical Education</b> (May be met by substituting for equivalent time of participation in approved extra-curricular such as Marching Band, NJROTC, or school-organized sport)	1 Credit
<b>**Program of Study</b>	3 Credits
<b>Electives Focus</b>	5 Credits
Other: 1) Per Tennessee State Board of Education, students are required to take the ACT test in order to receive a regular high school diploma; 2) The US Citizenship Test with a passing score is also required to receive a high school diploma	<b>Total Credits for Graduation: 28 Credits</b>

\* Foreign Language and Fine Art may be waived for students not planning to attend a four-year college or university and may be replaced with three courses designed to enhance and expand the Program of Study/Pathway focus. Parents must sign a waiver form.

\*\*Program of Study (POS) – Students completing a Career Technical Education POS must complete 3 units in the same CTE state approved program. Students NOT completing a CTE POS must complete 3 units in one of the following academic-based Programs of Study: Humanities, Fine Arts , or Dual Enrollment (DE).

<b>Program of Study – Elective Focus Options</b>	
<p style="text-align: center;"><b>Humanities</b></p> <ul style="list-style-type: none"> <li>• Any three humanities courses, such as Mythology, Film Studies, Contemporary Issues, Psychology, Annual Staff</li> </ul>	<p style="text-align: center;"><b>Law Enforcement Services</b></p> <ul style="list-style-type: none"> <li>• Criminal Justice I</li> <li>• Criminal Justice II</li> <li>• Criminal Justice III</li> </ul>
<p style="text-align: center;"><b>Dual Enrollment (DE)</b></p> <ul style="list-style-type: none"> <li>• Any Three DE classes, such as DE Comp I, DE Comp II, DE Music, DE Precalculus, DE Intro to Statistics</li> </ul>	<p style="text-align: center;"><b>Coding</b></p> <ul style="list-style-type: none"> <li>• Computer Science Foundations</li> <li>• Coding I</li> <li>• Coding II</li> </ul>
<p style="text-align: center;"><b>Fine Arts</b></p> <ul style="list-style-type: none"> <li>• Any three Fine Arts classes, above the 1 Fine Arts Course required for graduation, such as Art I, Art II, Art History, Music History, Chorus, Theatre Arts, Band</li> </ul>	<p style="text-align: center;"><b>Residential &amp; Commercial Construction</b></p> <ul style="list-style-type: none"> <li>• Fundamentals of Construction</li> <li>• Residential &amp; Commercial Construction I</li> <li>• Residential &amp; Commercial Construction II</li> </ul>
<p style="text-align: center;"><b>Horticulture Science</b></p> <ul style="list-style-type: none"> <li>• Agriscience</li> <li>• Principles of Plant Science</li> <li>• Greenhouse Mgmt</li> </ul>	<p style="text-align: center;"><b>Hospitality &amp; Tourism Management</b></p> <ul style="list-style-type: none"> <li>• Hospitality &amp; Tourism I</li> <li>• Hospitality &amp; Tourism II</li> <li>• Hospitality &amp; Tourism III</li> </ul>
<p style="text-align: center;"><b>NJROTC</b></p> <ul style="list-style-type: none"> <li>• NJROTC I</li> <li>• NJROTC II</li> <li>• NJROTC III</li> </ul> <p>(3 courses of NJROTC substitute for PE, Wellness, and US Govt)</p>	<p style="text-align: center;"><b>Therapeutic Nursing Services</b></p> <ul style="list-style-type: none"> <li>• Health Science</li> <li>• Medical Therapeutics</li> <li>• Anatomy &amp; Physiology</li> <li>• Nursing Education</li> </ul>
<p><b>Other Programs of Study at CCHS</b></p> <p>Other programs of study are available at Cocke County High School, such as Automotive, Veterinary Science, Welding, ect. Students are transported by school bus to CCHS to participate in these courses. See your Counselor for more information.</p>	

## Academic Course Descriptions

### ENGLISH COURSE DESCRIPTIONS

#### ENGLISH 9

**Grade Level: 9**

**Credit: 1**

English I is a course that integrates the Tennessee standards of language, communication, writing, research, logic, informational text, media, and literature in order to prepare students to be successful in college level courses. This course will include extensive reading and critical analysis of a variety of genres, including several significant literary works. The Tennessee Ready (TNReady) assessment will be given at the completion of English I and the score will count as a percentage of the student's final grade to be determined by the Cocke County Board of Education. This course meets the requirements of the Tennessee University and College System as a standard English credit. All students are required to pass English I in order to be eligible for a high school diploma.

#### ENGLISH 9 HONORS

**Grade Level: 9**

**Credit: 1**

English I (H) is a course that integrates, but substantially exceeds, the Tennessee standards of language, communication, writing, research, logic, informational text, media, and literature in order to prepare students to be successful in college level courses. The course will include outside reading assignments, research, a variety of writing assignments, and projects that ensure additional rigor and adhere to the Tennessee Framework of Standards for Honors Courses. The Tennessee Ready (TNReady) assessment will be given at the completion of English I (H) and the score will count as a percentage of the student's final grade to be determined by the Cocke County Board of Education. This course meets the requirements of the Tennessee University and College System as a standard English credit. All students are required to pass English I in order to be eligible for a high school diploma. Prerequisites: Appropriate Test Scores, Grades, and Teacher Recommendation.

#### ENGLISH 10

**Grade Level: 10**

**Credit: 1**

English II is a course that integrates the Tennessee standards of language, communication, writing, research, logic, informational text, media, and literature in order to prepare students to be successful in college level courses. This course will include extensive reading and critical analysis of a variety of genres, including several significant literary works. The Tennessee Ready (TNReady) assessment will be given at the completion of English II and the score will count as a percentage of the student's final grade to be determined by the Cocke County Board of Education. This course meets the requirements of the Tennessee University and College System as a standard English credit. All students are required to pass English II in order to be eligible for a high school diploma. PREREQUISITES – English 9

#### ENGLISH 10 HONORS

**Grade Level: 10**

**Credit: 1**

English II (H) is a course that integrates, but substantially exceeds, the Tennessee standards of language, communication, writing, research, logic, informational text, media, and literature in order to prepare students to be successful in college level courses. This course will include extensive reading and critical analysis of a variety of genres, including several significant literary works. The Tennessee Ready (TNReady) assessment will be given at the completion of English II (H) and the score will count as a percentage of the student's final grade to be determined by the Cocke County Board of Education. This course meets the requirements of the Tennessee University and College System as a standard English credit. All students are required to pass English II in order to be eligible for a high school diploma. PREREQUISITES – English 9 Honors with appropriate grade and/or Teacher Recommendation.

**ENGLISH 11**

**Grade Level: 11 Credit: 1**

English III is a course that integrates the Tennessee standards of language, communication, writing, research, logic, informational text, media, and literature in order to prepare students to be successful in college level courses. English III will span American Literature from the Colonial Period to Modern American Literature. In addition, this course focuses on: a brief grammar review; establishing connections among observations of various works; developing critical and analytical skills; writing and the development of clear, organized and coherent essays; expansive vocabulary growth and development; a variety of sentence structure; logical organization and a strong balance of critical. This course meets the requirements of the Tennessee University and College System as a standard English credit. All students are required to pass English III in order to be eligible for a high school diploma.

PREREQUISITES – English 10

**ENGLISH 11 HONORS**

**Grade Level: 11 Credit: 1**

English 11 Honors is a course that integrates, but substantially exceeds, the Tennessee standards of language, communication, writing, research, logic, informational text, media, and literature in order to prepare students to be successful in college level courses. This course is designed to meet the needs of those students who have mastered the writing and grammar skills of English 10. Great emphasis is placed upon composition, vocabulary, interpretation, and analysis of American literature. Research skills are taught. PREREQUISITES – English 10 Honors with appropriate grades and Teacher recommendation.

**ENGLISH 12**

**Grade Level: 12 Credit: 1**

English IV is a course that integrates the Tennessee standards of language, communication, writing, research, logic, informational text, media, and literature in order to prepare students to be successful in college level courses. English IV emphasizes persuasive essay composition skills, resumes and other business communication documents, research skills, and literary analysis essay writing. Furthermore, the course emphasizes vocabulary development and improves students’ uses of grammar, mechanics, and style. The course is also a survey of British literature including poetry, drama, and prose fiction within the historical literary time periods ranging from the AngloSaxon period to Contemporary literature. This course meets the requirements of the Tennessee University and College System as a standard English credit. All students are required to pass English IV in order to be eligible for a high school diploma. PREREQUISITES – English 11

**ENGLISH 12 Honors**

**Grade Level: 12**

**Credit: 1**

English I2 (H) is a course that integrates, but substantially exceeds, the Tennessee standards of language, communication, writing, research, logic, informational text, media, and literature in order to prepare students to be successful in college level courses. The course will include outside reading assignments, research, a variety of writing assignments, and projects that ensure additional rigor and adhere to the Tennessee Framework of Standards for Honors Courses. All students are required to pass English IV in order to be eligible for a high school diploma. PREREQUISITE – English III Honors with appropriate grades or Teacher recommendation.

**MATHEMATICS COURSE DESCRIPTIONS****Algebra IA (Fall Semester) and Algebra IB (Spring Semester)    Grade Level: 9                      Credit: 2**

These courses will explore and apply concepts, processes, and skills that are essential to successfully completing the high school graduation requirement. Curriculum includes linear and exponential relationships. Students will engage in methods for analyzing, solving, and using quadratic functions. A comprehensive list of Algebra I math standards can be found at

[https://www.tn.gov/content/dam/tn/education/standards/math/Standards\\_Support\\_Algebra\\_I\\_Mathematics.pdf](https://www.tn.gov/content/dam/tn/education/standards/math/Standards_Support_Algebra_I_Mathematics.pdf). Please note that Algebra IA is elective credit and Algebra IB meets the Algebra I graduation

requirement. The Tennessee Ready (TNReady) assessment will be given at the completion of Algebra IB and the score will count as a percentage of the student's final grade to be determined by the Cocke County Board of Education. All students are required to pass Algebra I in order to be eligible for a high school diploma.

**Integrated Algebra IA and IB Honors    Grade Level: 9                      Credit: 2**

Algebra I Honors integrates but substantially exceeds the Tennessee standards of Algebra I, and as such, proceeds at a much faster pace. This is a two-semester course (Algebra 1A-Fall and Algebra 1B Honors-Spring). Please note that Algebra IA is elective credit and Algebra IB Honors meets the Algebra I graduation requirement. The Tennessee Ready (TNReady) assessment will be given at the completion of Algebra IB Honors and the score will count as a percentage of the student's final grade to be determined by the Cocke County Board of Education. All students are required to pass Algebra I in order to be eligible for a high school diploma. PREREQUISITE – Appropriate test scores, grades, and teacher recommendation.

**Geometry    Grade Level: 10                      Credit: 1**

Students explore more complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments. A comprehensive list of standards can be found at:

[https://www.tn.gov/content/dam/tn/education/standards/math/Standards\\_Support\\_Geometry\\_Mathematics.pdf](https://www.tn.gov/content/dam/tn/education/standards/math/Standards_Support_Geometry_Mathematics.pdf) The Tennessee Ready (TNReady) assessment will be given at the completion of Geometry and

the score will count as a percentage of the student's final grade to be determined by the Cocke County Board of Education. All students are required to pass Geometry in order to be eligible for a high school diploma. PREREQUISITE: Algebra I

**Geometry Honors    Grade Level: 10                      Credit: 1**

Geometry Honors integrates but substantially exceeds the Tennessee standards of Geometry, and as such, proceeds at a much faster pace. The Tennessee Ready (TNReady) assessment will be given at the completion of Geometry Honors and the score will count as a percentage of the student's final grade to be determined by the Cocke County Board of Education. All students are required to pass Geometry in order to be eligible for a high school diploma. PREREQUISITE: Algebra I Honors and appropriate grades or Teacher recommendation.

**Algebra II    Grade Level: 11                      Credit: 1**

Building on their work with linear, quadratic and exponential functions, students extend their repertoire of functions to include polynomial, rational, and radical functions. Students work closely with the expressions that define the functions and continue to expand and hone their abilities to model

situations and to solve equations, including solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms. A comprehensive list of Algebra II standards are listed at [https://www.tn.gov/content/dam/tn/education/standards/math/Standards\\_Support\\_Algebra\\_II\\_Mathematics.pdf](https://www.tn.gov/content/dam/tn/education/standards/math/Standards_Support_Algebra_II_Mathematics.pdf). The Tennessee Ready (TNReady) assessment will be given at the completion of Algebra II and the score will count as a percentage of the student's final grade to be determined by the Cocke County Board of Education. All students are required to pass Algebra II in order to be eligible for a high school diploma. PREREQUISITE: Algebra I and Geometry

**Algebra II Honors**

**Grade Level: 11**

**Credit: 1**

Algebra II Honors integrates but substantially exceeds the Tennessee standards of Algebra II, and as such, proceeds at a much faster pace. The Tennessee Ready (TNReady) assessment will be given at the completion of Algebra II Honors and the score will count as a percentage of the student's final grade to be determined by the Cocke County Board of Education. All students are required to pass Algebra II in order to be eligible for a high school diploma. PREREQUISITE: Algebra I Honors, Geometry Honors, and appropriate grades or Teacher recommendation.

**Bridge Math**

**Grade Level: 12**

**Credit: 1**

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. Please note that Bridge Math does not meet NCAA graduation requirements. PREREQUISITE: Algebra II

**SAILS Math**

**Grade Level: 12**

**Credit: 1**

SAILS Mathematics is a program developed for high school seniors who have not met the ACT benchmark (19) for college level math. These students are typically required to take Learning Support Mathematics in college before they are eligible to take credit-bearing college math. The SAILS program was developed by high school and community college math instructors and was piloted across the state in 2012. The course utilizes an online program that allows students to progress through skills at their own pace. Students must complete all five modules of this online program in order to successfully complete the SAILS Math course. Please note that SAILS Math does not meet NCAA graduation requirements.

**Precalculus**

**Grade Level: 12**

**Credit: 1**

Precalculus is designed to prepare students for college level STEM focused courses. Students extend their knowledge of the complex number system to use complex numbers in polynomial identities and equations. Topics for student mastery include vectors and matrix quantities, sequences and series, parametric equations, and conic sections. Students use previous knowledge to continue progressing in their understanding of trigonometric functions and using regression equations to model quantitative data. PREREQUISITE: Algebra II and appropriate ACT Test scores and grades

**SCIENCE COURSE DESCRIPTIONS****Physical Science****Grade Level: 9****Credit: 1**

The major disciplinary core ideas utilized for Physical Science include: Matter and Its Interactions , Motion and Stability, Energy Waves and Their Applications in Technologies Energy. The student will leave with the knowledge to successfully step in to a Chemistry or Physics classroom. This course meets the requirements of the Tennessee University and College System as a standard lab science credit.

**Biology I****Grade Level: 10****Credit: 1**

Biology I introduces the principles and concepts of biology. Emphasis is on basic biological chemistry, cell structure and function, metabolism and energy, genetics, and ecology. Students will be able to apply knowledge gained in the course to their everyday lives, make informed choices as members of the community, as well as to further their career in medicine, food services, cosmetology, and other related vocational areas. Upon completion, students should be able to demonstrate understanding of life at the molecular, cellular and population levels. Laboratory exercises reinforce lecture topics and include microscope techniques. The Tennessee End-of-Course (EOC) assessment will be given at the completion of Biology I and the score will count as a percentage of the student's final grade to be determined by the Cocke County Board of Education. All students are required to pass Biology I in order to be eligible for a high school diploma.

**Biology I Honors****Grade Level: 10****Credit: 1**

Biology I (H) is a first year biology course providing the same curriculum as regular biology but at an accelerated pace. The use of literature, research, and scientific writing techniques are stressed. The Tennessee End-of-Course (EOC) assessment will be given at the completion of Biology I (H) and the score will count as a percentage of the student's final grade to be determined by the Cocke County Board of Education. All students are required to pass Biology I in order to be eligible for a high school diploma. PREREQUISITE: Physical Science Honors and appropriate grades, or teacher recommendation.

**Chemistry I****Grade Level: 11****Credit: 1**

Chemistry is a laboratory science course in which students investigate the composition of matter and the physical and chemical changes it undergoes. Students use science process skills to study the fundamental structure of atoms, the way they combine to form compounds, and the interactions between matter and energy. Students explore chemistry concepts through an inquiry approach. Embedded standards for Inquiry, Mathematics, and Technology & Engineering are taught in the context of the content standards for Atomic Structure, Matter and Energy, and Interactions of Matter. Education. All students are required to pass either Chemistry or Physics in order to be eligible for a high school diploma. This course meets the requirements of the Tennessee University and College System as a standard Science credit. PREREQUISITE: Biology I



**SOCIAL STUDIES COURSE DESCRIPTIONS****World History & Geography****Grade Level: 9****Credit: 1**

World History & Geography- Students will study the rise of the nation state in Europe, the French Revolution, and the economic and political roots of the modern world. They will examine the origins and consequences of the Industrial Revolution, nineteenth century political reform in Western Europe, and imperialism in Africa, Asia, and South America. They will explain the causes and consequences of the great military and economic events of the past century, including the World Wars, the Great Depression, the Cold War, and the Russian and Chinese Revolutions. Finally, students will study the rise of nationalism and the continuing persistence of political, ethnic, and religious conflict in many parts of the world. Relevant Tennessee connections will be part of the curriculum, as well as appropriate primary source documents. Students will explore geographic influences on history, with attention given to political boundaries that developed with the evolution of nations from 1750 to the present and the subsequent human geographic issues that dominate the global community. All students are required to pass US History & Geography in order to be eligible for a high school diploma.

**US Government and Civics****Grade Level: 10****Credit: 1**

US Government and Civics- provides a comprehensive study of the government of the United States. This course will examine the nature, organization, and function of local, state, and federal governments. At the conclusion of this course, the US Government civics exam will be administered. All students are required to pass the US Government civics exam in order to be eligible for a high school diploma. This course meets the requirements of the Tennessee University and College System as a standard Social Studies course.

**US History & Geography****Grade Level: 11****Credit: 1**

US History & Geography: Post-Reconstruction to the Present. In this course students will examine the causes and consequences of the Industrial Revolution and America's growing role in world diplomatic relations, including the Spanish-American War and World War I. Students will study the goals and accomplishments of the Progressive movement and the New Deal. Students will also learn about the various factors that led to America's entry into World War II, as well as its consequences for American Life. Students will explore the causes and course of the Cold War. Students will study the important social, cultural, economic, and political changes resulting from the Civil Rights Movement, the Cold war, and recent events and trends that have shaped modern-day America. Additionally, students will learn the causes and consequences of contemporary issues impacting their world today. Students will continue to use skills for historical and geographical analysis as they examine American history since Reconstruction with special attention to Tennessee connections in history, geography, politics, and people. Finally, students will focus on current human and physical geographic issues important in contemporary America and the global society. The Tennessee Ready (TNReady) assessment will be given at the completion of US History & Geography and the score will count as a percentage of the student's final grade to be determined by the Cocke County Board of Education. This course meets the requirements of the Tennessee University and College System as a standard Social Studies credit. All students are required to pass US History & Geography in order to be eligible for a high school diploma.

**Economics**

**Grade Level:12**

**Credit: ½**

Economics is an introduction to the basic tools of micro– and macroeconomic analysis. Microeconomics deals with consumers, firms, markets, and income distribution. Macroeconomics deals with national income, employment, inflation, and money. All students are required to pass Economics in order to be eligible for a high school diploma. This course meets the requirements of the Tennessee University and College Systems as a standard Social Studies course.

**Personal Finance**

**Grade Level: 12**

**Credit: ½**

Personal Finance is a course 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. All students are required to pass Personal Finance in order to be eligible for a high school diploma.

**FOREIGN LANGUAGE COURE DESCRIPTIONS**

**SPANISH I**

**Grade Level: 10, 11, 12**

**Credit: 1**

Spanish I focuses on building a foundation for future proficiency in the Spanish language. Reading, writing, listening, and speaking the language are emphasized. The course content includes grammar, vocabulary and a cultural overview of the Spanish-speaking countries. PREREQUISITES – None

**SPANISH II**

**Grade Level: 10, 11, 12**

**Credit: 1**

Spanish II is a continuation of Spanish I with additional emphasis on communication skills and higher level of grammar. A cultural overview of Spanish-speaking regions is included. REREQUISITES – Spanish I

**DUAL ENROLLMENT COURSE DESCRIPTIONS**

The below Dual Enrollment courses may be offered at the Cosby High School Campus, pending availability and demand. Other dual enrollment opportunities are available through a variety of venues, such as evening and on-line classes. Always check with the post-secondary institution of your choice to verify transfer of DE course work from WSCC, as CHS is not responsible for transfer equivalency policies and post-secondary policies are subject to change without notice. Please check with the Counseling Dept. for further information. Course registration begins in November for Spring courses and April for Fall courses.

**DUAL ENROLLMENT English Composition I****Grade Level: 12****Credit: 1**

Dual enrollment offering (WSCC English 1010) gives students the opportunity to take Walters State Community College's Composition 1 course, on CHS campus. English 1010 is a composition course in argumentative writing, including invention, organization, style, and revision. Critical reading and thinking will be addressed through students' writing, and research skills. To qualify for this course, a student must earn an ACT score of 18 or higher for English and 19 or higher for Reading, and have a minimum 3.0 cumulative high school GPA. Upon successful completion of course, student will earn a high school credit as well as 3 credit hours of post-secondary credit through WSCC. Students are responsible for tuition costs and any required textbooks. Students may be eligible for DE Grant, to help defray tuition costs. (Course availability dependent upon demand/instructor availability)

**DUAL ENROLLMENT English Composition II****Grade Level: 12****Credit: 1 DE**

English Composition II (WSCC English 1020) gives students the opportunity to take Walters State Community College's Composition II course, on CHS campus. English 1020 is a composition course emphasizing documented critical writing, based on an introduction to fiction, drama, and poetry. To qualify for this course, a student must earn English 1010 credit. Upon successful completion of course, student will earn a high school credit, as well as 3 credit hours of post-secondary credit through WSCC. Students are responsible for tuition costs and any required textbooks. Students may be eligible for DE Grant, to help defray tuition costs. (Course availability dependent upon demand/instructor availability)

**Dual Enrollment Precalculus Algebra****Grade Level: 12****Credit: 1**

This dual enrollment course (WSCC Math 1710) is offered through dual enrollment partnership with Walters State Community College, at the CHS campus. This pre-calculus course in the theory and application of polynomial, logarithmic, exponential, exponential, rational, power, and inverse functions is designed to prepare students for MATH 1910 – Calculus. Prerequisite(s): Math III, ACT Math score of 19 or higher and a minimum cumulative high school GPA of 3.0. Upon successful completion of course, student will earn a high school credit, as well as 3 credit hours of post-secondary credit through WSCC. Students are responsible for tuition costs and any required textbooks. Students may be eligible for DE Grant, to help defray tuition costs. (Course availability dependent upon demand/instructor availability)

**Dual Enrollment Precalculus Trigonometry****Grade Level: 12****Credit: 1**

This dual enrollment course (WSCC Math 1720) is offered through dual enrollment partnership with Walters State Community College, at the CHS campus. This pre-calculus course in trigonometric functions is designed to prepare students for MATH 1910 – Calculus. Prerequisite(s): Math III, ACT Math score of 19 or higher and a minimum cumulative high school GPA of 3.0. Upon successful completion of course, student will earn a high school credit, as well as 3 credit hours of post-secondary

credit through WSCC. Students are responsible for tuition costs and any required textbooks. Students may be eligible for DE Grant, to help defray tuition costs. (Course availability dependent upon demand/instructor availability)

**Dual Enrollment Introductory to Statistics**

**Grade Level: 12**

**Credit: 1**

This dual enrollment course (Math 1530 Introductory to Statistics) is offered through dual enrollment partnership with Walters State Community College, at the CHS campus. This introduction to probability and statistics includes descriptive statistics, probability distributions, the normal distribution, testing hypotheses, the t-test, and estimates and sample sizes. Prerequisite(s): Math III, ACT Math score of 19 or higher and a minimum cumulative high school GPA of 3.0. Upon successful completion of course, student will earn a high school credit, as well as 3 credit hours of post-secondary credit through WSCC. Students are responsible for tuition costs and any required textbooks. Students may be eligible for DE Grant, to help defray tuition costs. (Course availability dependent upon demand/instructor availability)

**Dual Enrollment Music**

**Grade Level: 11,12**

**Credit: 1**

This dual enrollment course ((Music 1030, Introduction to Music) is offered through dual enrollment partnership with Walters State Community College, at the CHS campus. Students will be introduced to music through listening to recordings of standard works, lectures, recitals and other media to encourage cultural development. Prerequisite: A minimum cumulative high school GPA of 3.0. Upon successful completion of course, student will earn a high school credit, as well as 3 credit hours of post-secondary credit through WSCC. Students are responsible for tuition costs and any required textbooks. Students may be eligible for DE Grant, to help defray tuition costs. (Course availability dependent upon demand/instructor availability)

**Dual Enrollment The College Experience**

**Grade Level: 11, 12**

**Credit: 1**

This course (College Experience, WSCC EDUC 1030) is designed to empower the student as he/she attempts to set and maintain realistic personal and educational goals. Emphasis is on developing reading, writing, math, and other effective learning strategies. Other topics include exploration of learning styles and diversity on a college campus, development of critical thinking skills, and introduction to campus resources and use of technology. Prerequisite: A minimum cumulative high school GPA of 3.0. Upon successful completion of course, student will earn a high school credit, as well as 3 credit hours of post-secondary credit through WSCC. Students are responsible for tuition costs and any required textbooks. Students may be eligible for DE Grant, to help defray tuition costs. (Course availability dependent upon demand/instructor availability).

**Dual Enrollment Early United States History**

**Grade Level: 11, 12**

**Credit: 1**

This course (Early United States History, HIST 2010) is the study of the United States to 1877. A survey of the settlement and development of the colonies, the Revolutionary period, the making of the Constitution, the diplomatic, economic and political problems of the new government, the growth of Nationalism, Jacksonian Democracy, territorial expansion, the Civil War and Reconstruction. Prerequisite: A minimum cumulative high school GPA of 3.0. Upon successful completion of course, student will earn a high school credit, as well as 3 credit hours of post-secondary credit through WSCC. Students are responsible for tuition costs and any required textbooks. Students may be eligible for DE Grant, to help defray tuition costs.

**Dual Enrollment Modern United States History**

**Grade Level: 11, 12**

**Credit: 1**

This course (Modern United States History, HIST 2020) is the study of the United States since 1877. A survey of the growth of the United States as an industrial and world power since Reconstruction: the industrial revolution, immigration, urbanization, rise of labor, Spanish-American War, Progressivism, World War I, Twenties, Depression and New Deal, World War II, Post-World War II era and the exercise of great power status in international affairs since World War II. Prerequisite: A minimum cumulative high school GPA of 3.0. Upon successful completion of course, student will earn a high school credit, as well as 3 credit hours of post-secondary credit through WSCC. Students are responsible for tuition costs and any required textbooks. Students may be eligible for DE Grant, to help defray tuition costs. (Course availability dependent upon demand/instructor availability). This course meets the high school graduation requirement for US History.

**FINE ARTS COURSE DESCRIPTIONS**

**VISUAL ART I**

**Grade Level: 9, 10, 11,12**

**Credit: 1**

This is an introductory-level course designed for those serious about art as a main priority of study in high school. This course focuses primarily on two-dimensional processes with an emphasis on developing a greater understanding of art, its theory, and practices. Curriculum involves the application of elements and principles of design, development of observational drawing skills and creative problem-solving abilities, exposure to new media and techniques, and overall personal growth.

**Visual ART II**

**Grade Level: 10, 11, 12**

**Credit: 1**

This is an advanced-level course in drawing and painting with an emphasis on developing a greater understanding of art, its theory, and practices. Students will further develop their knowledge of art, broaden their exposure to new media and techniques and gain confidence in their creative problem-solving abilities. Curriculum focuses around the application of the Elements of Art and Principles of Design while lessons explore observational drawing and painting, sketchbook/journaling, problem solving exercises, introduction to contemporary and historical artists and issues, and personal creative development. PREREQUISITES – Art I;

**ART HISTORY**

**Grade Level: 9, 10, 11, 12**

**Credit: 1**

Art History courses introduce students to significant works of art, artists, and artistic movements that have shaped the world and influenced or reflected various periods of history. These courses may emphasize the sequential evolution of art forms, techniques, symbols, and themes. Art History courses also develop an understanding of art in relation to social, cultural, political, and historical events throughout the world, while covering multiple artists, aesthetic issues, and the evolution of art. PREREQUISITES: None

**BAND**

**Grade Level: 9, 10, 11, 12**

**Credit: 1**

Band, also referred to as Marching and Concert Band, is a full year course, with Marching Band in the Fall and Concert Band in the Spring. Band students will be transported by bus to CCHS (4<sup>th</sup> block) to participate in band class. Band students will perform at CCHS football games, parades and various concert performances throughout the year. PREREQUISITES – Teacher Recommendation

**CHORUS**

**Grade Level: 9, 10 11, 12 Credit: 1**

Students will perform a variety of pop, jazz, and contemporary music through singing and limited choreography. The group performs for various community, school, and club organizations.

PREREQUISITES – None

**Music History**

**Grade Level: 9, 10, 11, 12 Credit:1**

The Students will evaluate musical works using elements of music characteristic to each style period. Students will identify ensemble type and size using teacher-provided guidelines. This course is structured to provide experiences for all students in the areas of creating understanding and listening to music. PREQUISITES: None

**Piano I**

**Grade Level: 9, 10 11, 12**

**Credit: 1**

Piano course provides student an introduction to, and refine the fundamentals of, music and keyboard including literature and techniques such as scales, chords, and melodic lines and may offer instruction in more advanced techniques. Formal and informal performances are typically included as well as experiences in creating and responding to music. PREREQUISITES – None

**\*THEATRE ART I**

**Grade Level: 9, 10, 11, 12 Credit: 1**

Theatre Art examines practical and theoretical approaches to performance including improvisational acting, acting styles, acting methodology, movement, voice and scene study. Playwriting and elementary directing techniques are included in this course. Students will produce and participate in various productions. Students will learn how to work productively in groups, how to manage a project, and how to think more innovatively. PREREQUISITES – None. \*Theatre Art II, III, and IV are also available.

**HEALTH AND PHYSICAL EDUCATION COURSE DESCRIPTIONS**

**LIFETIME WELLNESS**

**Grade Level: 9**

**Credit: 1**

This course places emphasis on physical activity. Sufficient time is allotted to demonstrate improvement in health related fitness areas. Units to be taught include nutrition, substance use/abuse, safety and first aid, disease prevention and control, as well as mental health and personal fitness. All students are required to pass Lifetime Wellness in order to be eligible for a high school diploma. (Two semesters of NRJOTC will substitute for Wellness)

**Physical Education**

**Grade Level: 9, 10, 11, and 12 Credit: 1**

Physical Education course places emphasis on developing an appreciation for lifetime fitness. The student will be required to participate in a variety of fitness practices including both aerobic and anaerobic activities. All students are required to pass Physical Education in order to be eligible for a high school diploma. (Students that complete a full season of a school sport may receive a PE substitution credit. Successful completion of NRJOTC (1 credit) will substitute for Physical Education. Successful completion of Marching Band (1 credit) will also substitute for Physical Education.

**PE II**

**Grade Level: 9, 10, 11, and 12 Credit: 1**

PE II/Weightlifting is designed to teach the student the proper techniques of weightlifting. The student will be taught how to develop and strengthen the different muscles of the body with emphasis placed on cardio-vascular conditioning.

**OTHER ELECTIVES**

**Contemporary Issues**

**Grade Level: 9, 10, 11, 12      Credit: 1**

In Contemporary Issues, students will use inquiry skills to examine the issues that impact the contemporary world. Included in the course will be analysis of the historical, cultural, economic, and geographic factors that have raised certain issues to levels of concern in our nation and around the globe. Students will engage in research and problem solving in order to better understand and assess significant current issues. PREREQUISITE: None

**Driver’s Education**

**Grade Level: 10, 11,12      Credit: 1**

Students will learn material essential to safe driving. Topics will include driving laws, safe vehicle operation, driving in emergency conditions, and the effects of alcohol on driving. Students will also be given behind-the-wheel instruction in a vehicle with dual controls and will have the opportunity to obtain a learner’s permit or driver’s license, pending meeting all state requirements.

**Mythology**

**Grade Level: 10, 11,12      Credit: 1**

Classical Mythology is a rigorous introductory study of the primary characters and most important stories of classical Greek and Roman mythology. Students will gain the ability to think critically by reading a variety of mythology-based literature. Students will demonstrate learning and critical thinking using Powerpoint presentations, online research, and writing. PREREQUISITES – None.

**Film Studies**

**Grade Level: 11, 12      Credit: 1**

Film Studies investigate the dynamics of film and literature, studying works linked across the two media by genre, topic, and style. Students will demonstrate learning and critical thinking by critiquing films, class discussions, and writing assignments. PREREQUISITES – None.

**\*NJROTC**

**Grade Level: 9,10,11, 12      Credit: 1**

The Naval Science ROTC program will emphasize leadership development, physical fitness, military history, and drill competition opportunities. Two courses of NJROTC will satisfy the wellness & PE requirements. A third credit will substitute for the US Government course. Three credits in NJROTC will also fulfill a program of study. Students may take NJROTC every semester. \*Please note that this course is only offered at Cocke County High School. Students will be transported by school bus to CCHS for 4<sup>th</sup> block to take this course.

**Tier III English Language Arts Intervention**

**Grade Level: 9, 10, 11      Credit: 1**

Tier III English Language Arts Intervention is a program designed to provide intensive reading intervention outside of the general education English class. Students will strengthen reading skills in fluency, vocabulary, and comprehension. This program addresses individual needs through direct individual/small group instruction and the use of technology. This course is designed as a learning support and placement is based upon teacher recommendation and/or test score data.

**Tier III Mathematics Intervention**

**Grade Level: 9, 10      Credit: 1**

Tier III Mathematics Intervention is a program designed to provide mathematics intervention outside of the general education Math class. Students will strengthen basic math skills, computation, and word problem skills. This program addresses individual needs through direct individual/small group

instruction and the use of technology. This course is designed as a learning support and placement is based upon teacher recommendation and/or test score data.

### **\*Career & Technical Education Course Descriptions**

(Please note that the below CTE courses may be taken as electives or as a program of study)

\*Additional CTE Programs are available through Cocke County High School. Please contact a school counselor for the most up-to-date information\*

#### **AGRICULTURE, FOOD, AND NATURAL RESOURCES—CAREER CLUSTER**

##### **Horticulture Science—Program of Study**

Horticulture Science prepares students for future careers in the management of greenhouse operations, horticulture production, landscape design and maintenance, and turf management. Content covered in this POS includes principles of plant health, growth, reproduction, and biotechnology, principles of hydroponics and aquaponics, greenhouse structures, growing media, site analysis and planning, principles of design, and plant selection and care techniques. Upon completion of this POS, students will be prepared to pursue careers or further study in the horticultural sciences. Courses contained in this program of study include: Agriscience, Principles of Plant Science & Hydroculture, Greenhouse Mgmt, and Landscaping.

##### **Agriscience**

**Grade Level: 9**

**Credit: 1**

**Level 1 -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 plays in the twenty-first century. In addition, it serves as the first course for all programs of study in the Agriculture, Food, & Natural Resources cluster. Upon completion of this course, proficient students will be prepared for success in more advanced agriculture and science coursework. This course counts as a lab science credit toward graduation requirement.

##### **Principles of Plant Science and Hydroculture**

**Grade Level: 10**

**Credit: 1**

**Level 2 Principles of Plant Science and Hydroculture** focuses on essential knowledge and skills related to the science of plant growth. This course covers principles of plant health, growth, reproduction, and biotechnology, as well as fundamental principles of hydroponics and aquaponics. Upon completion of this course, proficient students will be prepared for more advanced coursework in horticulture science.

##### **Greenhouse Management**

**Grade Level: 11**

**Credit: 1**

**Level 3 Greenhouse Management** is an applied-knowledge course designed to prepare students to manage greenhouse operations. This course covers principles of greenhouse structures, plant health and growth, growing media, greenhouse crop selection and propagation, and management techniques. Upon completion of this course, proficient students will be equipped with the technical knowledge Page 2 and skills needed to prepare for further education and careers in horticulture production. Greenhouse Management is a dual credit course with statewide articulation.



**Landscaping and Turf Science**

**Grade Level: 12**

**Credit: 1**

**Level 4 Landscaping and Turf Science** is an applied 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. Upon completion of this course, proficient students will be prepared to pursue advanced study of landscaping and turf science at a postsecondary institution

**ARCHITECTURE & CONSTRUCTION—CAREER CLUSTER**

This career cluster prepares learners for careers in designing, planning, managing, building and maintaining the building environment. People employed in this cluster work on new structures, restorations, additions, alterations and repairs. Courses contained in the Residential & Commercial Construction program of study include Fundamentals of Construction, Residential & Commercial Construction I, and Residential and Commercial Construction II.

**Residential & Commercial Construction—Program of Study**

**Fundamentals of Construction**

**Grade Level: 9**

**Credit: 1**

**Level 1 Fundamentals of Construction** is a foundational course in the Architecture & Construction cluster 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. Students will begin compiling artifacts for inclusion in their portfolios, which they will carry with them throughout the full sequence of courses in their selected program of study.

**Residential & Commercial Construction I**

**Grade Level: 10**

**Credit: 1**

**Level 2 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. Students will continue compiling artifacts for inclusion in their portfolios, which they will carry with them throughout the full sequence of courses in this program of study.

**Residential & Commercial Construction II**

**Grade Level: 11, 12**

**Credit: 1**

**Level 3 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. Students will continue compiling artifacts for inclusion in their portfolios, which they will carry with them throughout the full sequence of courses in this program of study.

**BUSINESS MANAGEMENT & ADMINISTRATION—CAREER CLUSTER**

The business management and administration services industry is projected to be one of the fastest growing through the year 2026. Nearly half of all jobs are in managerial and professional occupations, and nearly one-fourth of all workers are self-employed. The business management and administration services industry is one of the highest-paying industries. Employment growth is expected to be driven by the formation of new organizations and expansion of existing ones, which should require more workers to manage these operations. The Office Mgmt Program of Study includes the following courses: Computer Applications, Business Communications, and Business Mgmt.

**Office Management—Program of Study**

**Computer Applications**

**Grade Level: 9, 10, 11, 12      Credit: 1**

**Level 1 Computer Applications** is a foundational course intended to teach students the computing fundamentals and concepts involved in the use of common software applications. Upon completion of this course, students will gain 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.

**Business Communications**

**Grade Level: 10, 11      Credit: 1**

**Level 2 Business Communications-** is a course designed to develop students’ effective oral and electronic business communications skills. This course develops skills in multiple methods of communications, including social media, as well as electronic publishing, design, layout, composition, and video conferencing. Upon completion of this course, proficient students will be able to demonstrate successful styles and methods for professional business communications using the proper tools to deliver effective publications and presentation.

**Business Management**

**Grade Level: 11, 12      Credit: 1**

**Level 3 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.

**HEALTH SCIENCE CAREER CLUSTER**

Health science is one of the largest industries in the country, with more than 11 million jobs, including the self-employed. The health science industry includes establishments ranging from small-town private practice physicians who employ only one medical assistant to busy inner city hospitals that provide thousands of diverse jobs. More than half of all non-hospital health service establishments employ fewer than five workers. On the other hand, almost two-thirds of hospital employees were in establishments with more than 1,000 workers. The Nursing Program of Study consists of the following courses: Health Science Education, Medical Therapeutics, Human Anatomy & Physiology, and Nursing Education.

**Nursing Services – Program of Study**

**Health Science Education**

**Grade Level: 9**

**Credit: 1**

**Level 1 Health Science Education** is an introductory course designed to prepare students to pursue careers in the fields of public health, 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 and contrast the features of healthcare systems, explain the legal and ethical ramifications of the healthcare setting, and begin to perform foundational healthcare skills. This course will serve as a strong foundation for all of the Health Science programs of study.

**Medical Therapeutics**

**Grade Level: 10, 11**

**Credit: 1**

**Level 2 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.

**Anatomy and Physiology**

**Grade Level: 11,12**

**Credit: 1**

**Level 3 Anatomy and Physiology** 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.

**Nursing Education**

**Grade Level: 11, 12**

**Credit: 1**

**Level 4 Nursing Education** is a capstone course designed to prepare students to pursue careers in the field of nursing. Upon completion of this course, a proficient student will be able to implement communication and interpersonal skills, maintain residents' rights and independence, provide care safely, prevent emergency situations, prevent infection through infection control, and perform the skills

required of a nursing assistant. At the conclusion of this course students may sit for the Certified Patient Care Technician (CPCT) exam, or if students have logged 40 hours of classroom instruction and 20 hours of classroom clinical instruction, and if they have completed 40 hours of site-based clinical with at least 24 of those hours spent in a long-term care facility through a Tennessee Department of Health approved program, they are eligible to take the certification examination as a Certified Nursing Assistant.

**HOSPITALITY AND TOURISM CAREER CLUSTER**

The Hospitality and Tourism career cluster prepares learners for postsecondary credentials and careers in the management and operations of lodging, food services, attractions, recreation and event planning, and other travel-related services. Tennessee now ranks among the top 10 states in tourism. Tennessee continues to grow in hospitality and tourism and there are more job openings than training completers. Beginning salaries depend on the employee’s skills, education, and job level at a hotel, restaurant, tourism office, recreation facility, amusement park, or attraction site. Salaries range from entry level wages to six figures. This industry is known for promoting from within, for its large number of young managers, and the ability to travel and move nationally and internationally. The Hospitality & Tourism Management Program of Study includes the following courses: Hospitality & Tourism, Hospitality Marketing, and Hospitality Management.

**Hospitality & Tourism I**

**Grade Level: 9**

**Credit: 1**

**Level 1 Hospitality & Tourism I** is a foundational course for students interested in careers within the hospitality industry. The course allows students to explore the career opportunities and fundamental principles that guide the organization and management of hospitality and tourism services. Upon completion of this course, students will be proficient in the foundations of hospitality and tourism, the segments of the industry, business concepts and operations, careers, and customer relations.

**Hospitality & Tourism II**

**Grade Level: 10**

**Credit: 1**

**Level 2 Hospitality & Tourism II** builds on the foundations learned in Hospitality & Tourism Exploration and introduces new topics related to the marketing of services in the hospitality industry. Students will develop proficiency in economic awareness, the role of marketing in the industry, the components of a marketing plan, and promotional concepts, all within the context of hospitality businesses. Upon completion of this course, proficient students will be prepared to pursue advanced coursework in the Hospitality & Tourism Management pathway.

**Hospitality & Tourism III**

**Grade Level: 11, 12**

**Credit: 1**

**Level 3 Hospitality & Tourism III** is an applied-knowledge course which allows students to continue to develop sound management skills in preparation for future careers in the hospitality industry. Upon completion of this course, proficient students will have skills in management structures and the roles of managers in hospitality-related businesses, with particular attention on the areas of human relations, accounting, sales, professional communications, and legal/ethical considerations and will be equipped

with the knowledge and skills to pursue postsecondary study and future employment in the hospitality industry

**Information Technology** careers involve the design, development, support and management of hardware, software, multimedia and systems integration services. The IT industry is a dynamic and entrepreneurial working environment that has a revolutionary impact on the economy and society. In addition to careers in the IT industry, IT careers are available in every sector of the economy- from Financial Services to Medical Services, Business to Engineering and Environmental Services. Anyone preparing for an IT career should have a solid grounding in math and science. Courses in this program of study include Computer Science Foundation, Coding I, and Coding II.

**Level 1 Computer Science Foundation** is the first course in the Coding Program of Study. This course is intended to provide students with exposure to various information technology occupations and pathways such as Networking Systems, Coding, Web Design, and Cybersecurity. As a result, students will complete all core standards, as well as standards in two of four focus areas. Upon completion of this course, proficient students will be able to describe various information technology (IT) occupations and professional organizations. Moreover, they will be able to demonstrate logical thought processes and discuss the social, legal, and ethical issues encountered in the IT profession. Depending on the focus area, proficient students will also demonstrate an understanding of electronics and basic digital theory; project management and teamwork; client relations; causes and prevention of Internet security breaches; and writing styles appropriate for web publication.

**Level 2 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 Page 2 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 multistep 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.

**Level 3 Coding II** challenges students to develop advanced skills in problem analysis, construction of algorithms, and computer implementation of algorithms as they work on programming projects of increased complexity. In so doing, they develop key skills of discernment and judgment as they must choose from among many languages, development environments, and strategies for the program life cycle. Course content is reinforced through numerous short- and long-term programming projects, accomplished both individually and in small groups. These projects are meant to hone the discipline and logical thinking skills necessary to craft error-free syntax for the writing and testing of programs. Upon completion of this course, proficient students will demonstrate an understanding of object-oriented programming language using high-level languages such as FOCUS, Python, or SAS.

**Law, Public Safety, Corrections, & Security Career Cluster. V Criminal Justice and Correction Services program of study** prepares students for a range of careers in law enforcement, crime scene analysis, forensic science, public safety, and criminal justice. Course content emphasizes procedures and laws governing the application of justice in the United States, from constitutional rights to crisis scenario management and the elements of criminal investigations. Upon completion of this program of study, students will be equipped with the

knowledge and skill preparation for postsecondary or career opportunities in many law- and justice-related fields. Courses in this program of study include Criminal Justice I, Criminal Justice II, and Criminal Justice III.

**Criminal Justice I**

**Grade Level: 9, 10**

**Credit: 1**

**Level 1 Criminal Justice I** is the first course in Criminal Justice and Correction Services program 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, the concepts of crime control and the judicial process, and the importance of communications and professionalism in law enforcement.

**Criminal Justice II**

**Grade Level: 10, 11**

**Credit: 1**

**Level 2 Criminal Justice II** is the second course in the Criminal Justice and Correction 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

**Criminal Justice III/State Wide Dual Credit**

**Grade Level: 11, 12**

**Credit: 1**

**Level 3 Criminal Justice III** 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 the 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 forensic science and criminology, summarize the laws that govern the application of forensic science, and draw key connections between the history of the forensic science system and the modern legal system. **State Wide Dual Credit (SDC) •** All students enrolled in a statewide dual credit course are required to take the online challenge exam, which is used to assess mastery of the postsecondary-level learning objectives at the end of the course. Students who meet the designated cut score on the challenge exam earn credit that can be applied to any Tennessee public postsecondary institution.