

CENTRAL HIGH SCHOOL



2023-2024 Course Selection Guide

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GENERAL INFORMATION

<p>Family Educational Rights and Privacy Act (FERPA)</p>	<p>The Family Educational Rights and Privacy Act (FERPA) (20 U.S.C. § 1232g; 34 CFR Part 99) is a Federal law that protects the privacy of student education records. Parents are guaranteed the right to inspect and review the educational records of their children. Personally identifiable records can be released either with prior parental consent or to an official with legitimate educational interest.</p>
<p>Title IX (Equal Opportunity)</p>	<p>It is the policy of the Phenix City Board of Education that no person shall be denied employment, be excluded from participation in, be denied the benefits of, or subjected to discrimination in any program or activity of Phenix City Public Schools on the basis of sex, race, religion, belief, national origin, or ethnic group. Additional information and a copy of the Title IX guidelines may be obtained from the Phenix City Public Schools Director of Personnel and Special Services, Dr. Alan Miller.</p>
<p>Section 504 of the Rehabilitation Act of 1973</p>	<p>Section 504 is a national law that protects qualified individuals from discrimination based on their disability. The Phenix City Board of Education employs formalized procedures and guidelines to insure that our school district is in compliance. Section 504 protects persons with a physical or mental impairment which substantially limits one or more major life activities, including but not limited to, caring for one's self, walking, seeing, hearing, speaking, breathing, performing manual tasks, learning, communicating, concentrating, and reading. Additional information, eligibility requirements, and a copy of the Section 504 guidelines may be obtained from the Phenix City Public Schools Special Services Department.</p>
<p>Special Education Services Individuals with Disabilities Education Act (IDEA)</p>	<p>Students identified by school system personnel as qualifying for special education services receive those services in the least restrictive environment for the individual student. Services are primarily delivered through inclusion in the regular education classroom and/or the resource room as outlined in the student's Individual Education Plan. A certified and highly qualified faculty member works closely with the student's classroom teacher to deliver instruction. The special education teacher (case manager) oversees the implementation of the Individual Education Plan (IEP) for students identified as being in need of special education services and is the primary contact for issues related to the student's IEP.</p>
<p>English Learner Program (EL)</p>	<p>The English Learner (EL) program emphasizes mastery of English language skills and content area concepts for students who do not speak English as their primary language and may have limited English</p>

	proficiency (LEP). This program enables the student to participate effectively in the regular academic program. Additional information and a copy of the EL Program guidelines may be obtained from the Phenix City Public Schools Federal Programs Department; Dr. Darrell Seldon, Assistant Superintendent.
Transfer Credits	Transferring institutions must be accredited and document credit on their official transcript for courses taken with them in order for those credits to be counted towards graduation.

INTRODUCTION TO SCHEDULING

The goal of Central High School is to provide an educational program that will empower all students to make choices and meet the challenges of the 21st century. Each student will follow three steps in selecting courses for the 2023-2024 school year.

1. Students will meet with counselors to discuss curriculum requirements.
2. Students and parents will study the course selection guide and make informed selections and submit for final approval. Parents should indicate approval of their student's choices by signing electronically through Naviance, if available, or physically on an approval sheet provided.
3. Counselors will be available to discuss selections with students and parents.

With guidance, wise planning and careful selections, each student should have the opportunity to participate in an enriching and successful high school career.

SCHEDULE CHANGE PROCESS

During the summer pre-registration or the *first five days of the school year for necessary changes, the student must:

1. Discuss the proposed change with his/her parent(s) and complete a schedule change request form or sign up for a conference with the counselor.
2. Schedule changes will be considered only for legitimate changes: student has already taken and passed a course on their schedule, student has not passed the prerequisite for a course they are taking, the course is out of sequence or the student is missing a core class on their schedule.
3. Schedule changes will not be considered for: choosing a particular teacher, choosing to take a class during a particular time of day, trying to begin a class with another student, to get out of a class because of a particular student/teacher or to be in a particular lunch wave.
4. Upon receipt of a new schedule, the transfer is considered official, and the new schedule is in effect. **You are responsible for returning textbooks to the media center. Failure to do so will result in you being charged for the missing textbook(s).**

*The only schedule changes permitted within the first five days of school will be for scheduling errors.

RECOMMENDATIONS AND OVERRIDES

Students and parents should exercise extreme care in course selections as course selections have a direct bearing on future career decisions. Teachers are employed and curricular resources are purchased based upon course selections. Once courses have been selected, the school is staffed to meet those demands. Staffing may not allow students to take their first choice of electives. Upperclassmen will have priority in scheduling electives. Parents should indicate approval of their student's choices by signing electronically through Naviance, if available, or physically on an approval sheet provided. No student's schedule will be considered complete until this approval has been received. **After the student has made a choice and the parent has approved it, no schedule change will be made except in emergency situations as determined by the school principal or his designee.**

Parent override requests for courses their student is not eligible to take must be completed with the appropriate guidance counselor during pre-registration or summer re-identification. The only schedule changes permitted within the first five days of school will be for scheduling errors. At no time will a student be permitted to take a course less demanding when the student has previously completed a higher-level course. Principals only may approve course changes during the first 5 days of the school year based on documented, extenuating circumstances.

Counselors are not responsible for making schedule change decisions after the school year has begun.

4-YEAR PLAN

All students will enter 9th grade prepared with a 4-Year Plan that addresses their individual academic and career interest needs. Students are assisted by the appropriate grade-level guidance counselor in the development and annual revision of their high school four-year educational/career plan. Additionally, students are required to maintain an educational/career planning portfolio of study based on legislative and other graduation requirements. The selection of the high school four-year educational plan shall be approved by the parents or guardians and becomes part of the educational/career planning portfolio.

The student's educational/career plan is based on a college and/or career goal. This may include a career and technical education cluster, pathway, or specific occupation. The plan outlines high school courses needed or suggested for reaching their career goal. The plan also outlines postsecondary education requirements needed to reach the student's career objective. Altogether, the plan reflects the courses that a student will have access to through their high school.

There are four steps in the development of the 4-Year Plan. First, the student participates in an assessment of personal skills, interests, and abilities. Secondly, the assessment results are analyzed and the student identifies the connections between his or her skills, interests, and abilities to discover which cluster, pathway, or occupation for which he or she is best suited. Next, the student correlates personal

preferences, education, and training with workforce or college requirements to determine post-secondary needs. The final step in the process is where the student, with assistance from their guidance counselor, and with parent approval, determines the available secondary course requirements and opportunities that will enhance his or her success in postsecondary education and career development. Through this process, students gain an understanding of the relationship of academics to the world of work and to life at home and in the community.

All students will be required to create a four year plan and portfolio prior to graduation. The plans and portfolios will be able to be used to apply to colleges and jobs. Students may access the information by logging on to Naviance. Parents must contact one of the grade level counselors to receive a school activation code to access the student's information.

GRADUATION REQUIREMENTS

CREDIT REQUIREMENTS

(25 credits required to graduate)

For students to be permitted to move to the next higher grade level, the following standards must be met:

- **9th Grade** — students who have successfully completed middle school
- **9th to 10th Grade** — students who have earned six (6) Carnegie units will be classified as tenth graders
- **10th to 11th Grade** — students who have earned twelve (12) Carnegie units will be classified as eleventh graders
- **12th Grade** — students who have earned eighteen (18) units will be classified as twelfth graders

Grade level promotions will be conducted by administration at three points per calendar year: at the conclusion of a school year during the end-of-year process, following summer school completion, and following the first semester storing of grades.

Accelerated credits from the eighth grade will not be included in the credits needed for high school grade level promotion.

ALABAMA HIGH SCHOOL DIPLOMA

4 credits in English Language Arts

4 credits in Mathematics, including Geometry, Algebra 1 and Algebra 2

4 credits in Science, including Biology, and a physical science

4 credits in Social Studies

1 credit in Beginning Kinesiology or equivalent

½ credit in Health Education

1 credit Career Preparedness

3 ½ elective credits

3 credits in Career Tech, Fine Arts, and/or Foreign Language

Any student, with or without a disability, who completes four or more core courses on the Essentials/Life Skills pathway is required to complete the following work component:

Community-Based Work Instruction

- 2 Career and Technical Education Courses in a Sequence
- Workforce Essentials or Transition Services II
- Cooperative Education/Work-Based Experience or Life Skills Occupational Preparation
- Cooperative Education Seminar

DIPLOMA ENDORSEMENTS/GRADUATION SETS

Academic Honors Endorsement

- 14 honors level credit-bearing core courses in grades 8-12
- 1 foreign language course

Career Technical Education Endorsement

- 3 sequenced courses in a Career Technical Field

Fine Arts Endorsement

- 3 sequenced courses in fine arts

Foreign Language Endorsement

- 3 sequenced courses of a foreign language

Alabama State Seal of Biliteracy

The Alabama State Seal of Biliteracy will be available to graduating students who have demonstrated an indicated level of proficiency in English and at least one other world language. Phenix City Schools supports biliteracy in English and Spanish.

To obtain, students must achieve the following criteria:

- English language proficiency demonstrated through one of the following approaches, or as provided by any future equivalent national normed benchmark approved as part of the program:
 - ACT English: A score of 18 or higher.
 - ACT reading: A score of 20 or higher.
 - Advanced Placement Language Examination: A score of three or higher.
 - WIDA ACCESS 2.0: For non-native English speakers, the student shall meet and maintain Alabama exit criteria in English proficiency.
- World language proficiency: The student shall demonstrate proficiency in one or more languages other than English through one of the following approaches:

- If the language other than English may be assessed by a standardized examination, students shall attain the minimum score on one of the following assessments:
 - The Advanced Placement Language Examination: A score of three or higher.
 - American Council of Teachers of Foreign Language Assessment of Performance toward Proficiency in Languages: An Intermediate Mid-3 or higher score in all four components.

GRADING INFORMATION

The grading system at Central High School will reflect the student's actual performance in all facets of learning. The following grading scale will be used:

90 – 100 = A

80 – 89 = B

70 – 79 = C

60 – 69 = D

59 – Below = F

Report cards are issued at the end of each nine week grading period. Report cards will give numerical as well as letter grades.

Weighted Coursework

Dual enrollment eligible, AP courses, and select Honors courses offered at Central High School are awarded an additional GPA point and ten points on their final average (for purposes of determining class rank/top ten percent only). Course requests by parental override are determined by the discretion of the administration.

- Honors English 10
- Honors / Dual Enrollment/AP English 11
- Honors / Dual Enrollment/AP English 12
- Honors Geometry with Data Analysis
- Honors Algebra II with Statistics
- Honors / Dual Enrollment/AP Pre-Calculus
- Honors/Dual Enrollment/AP Calculus
- Honors Anatomy/Physiology
- Honors / Dual Enrollment Biology I
- Honors / Dual Enrollment/AP Biology II
- Honors Chemistry
- AP Chemistry
- AP Environmental Science
- AP Physics I
- AP Physics II
- Honors Introduction to Biotechnology
- Honors / Dual Enrollment U.S. History I
- Honors / Dual Enrollment/AP U.S. History II
- AP Government & Politics

- Honors/AP Economics
- AP Psychology
- AP World History
- Honors French III
- Honors Spanish III
- Honors Spanish IV
- Advanced Accounting
- Advanced Health Seminar
- Advanced Spa Techniques
- Auto Tech B
- Building Construction 5
- Commercial Masonry
- Culinary Arts II
- Honors AP Computer Science Principles
- AP Computer Science A
- Special Topics in Computer Science
- Education and Training Internship
- Health Science Internship
- NJROTC 4
- Welding 6
- HVAC/R Program

COMMUNITY SERVICE HOURS

Phenix City Schools students are required to complete a minimum of 55 unpaid community service hours before graduation. It is recommended that a student obtain 10 hours their freshman year, 15 their sophomore year, 20 their junior year, and 10 their senior year, although hours may be completed early. Due to waiving hourly requirements during the COVID-19 pandemic (2019-2020 AY and 2020-2021 AY), the requirements listed below reflect the amount of hours each graduating class should earn.

- Graduating Class of 2024 = 45 hours of required community service
- Graduating Class of 2025 = 55 hours of required community service
- Graduating Class of 2026 = 55 hours of required community service

New students will only be required the number of hours from when they began in Phenix City Schools.

INNOVATIVE ACADEMIC OPPORTUNITIES

Central High School provides the following programs that allow our students to accelerate and/or catch up, often through technology and distance learning. The programs, described below, provide a plethora of academic choices to assist our scholars in customizing their academic journey to meet their post-secondary goals.

DUAL ENROLLMENT

The State Board of Education has adopted a policy which allows students with an overall B (3.0) average to enroll in college classes and receive both high school and college credit for successful

completion of these classes, provided college tuition is paid. Central High School is currently engaged in a Dual Enrollment Plan with multiple colleges. Students may be required to take the ACCUPLACER test when enrolling in a dual enrollment course. It is recommended that this testing be completed the summer prior to enrollment. Students placed at the Success Academy or New Beginnings are automatically not eligible for enrollment in these classes and will be removed if placement occurs after the start of the school year.

ADVANCED PLACEMENT (AP)

This is a program which offers college-level curricula to high school students. A culminating exam is given at the end of each course in which students earn a score of 1 through 5. American colleges and universities may grant placement and course credit to students who obtain high scores on the examinations (typically scores of 3 or higher depending on the accepting institution). The fee for each exam is \$94; however, students who qualify for free/reduced lunch will receive a fee reduction as determined by the state each year.

NONTRADITIONAL PATHWAYS TO GRADUATION

RECOVERY OF MISSED CREDITS

Phenix City Schools (PCS) will provide multiple opportunities for students to obtain missed credit for graduation purposes. Students who have been unsuccessful in mastering certain content or skills from one or more courses may receive remediation and re-assessment through various Alabama State Department of Education (ALSDE) web-based platforms, ACCESS instruction, or PCS teacher-led instruction.

Student and Parent/Guardian Requirements:

- Students must complete the application provided with the failure notice to request placement in the Credit Recovery Program.
- The student and parent/guardian must sign the application to consent to placement in the program and acknowledge agreement with the terms of admission and program requirements.
- Students may choose to repeat the entire course during the next regular school term.
- Assessments must be taken during a registered session and under the supervision of a designated facilitator.
- Students may also take the course in the traditional summer school format.

Credit Recovery

Credit Recovery is for students with 40-59 required course semester averages. The teacher of the failed course will identify standards in need of remediation, preventing the student from needing remediation and assessment for mastery of all of the course content. Students may obtain Credit Recovery through a web-based platform approved by the Alabama State Department of Education with teacher-led instruction.

Students must recover a credit recovery eligible failure from the first semester during the second semester of the same school year. Students must recover a failed course from the second semester during the summer session following the close of the school year. Students must complete grade Recovery for failures not recovered in the period allotted. All assessments must be taken during an approved session and under the supervision of a designated facilitator. The highest grade that can be earned from Credit Recovery is a 70. The original grade will remain on the transcript and calculate in the overall GPA.

Grade Recovery

This program is for those students who:

- Did not attend Credit Recovery within the allotted time following the failure
- Earned less than a 40 semester average in a required course for graduation
- Wish to achieve a higher semester average

The original grade will remain on the transcript but will not calculate in the overall GPA.

CREDIT ADVANCEMENT

Credit Advancement is reserved for students who have earned an overall 80 numerical average or a minimum of a 3.0 GPA and have obtained administrative approval to enroll in previously unattempted coursework through a non-traditional methodology such as a self-paced, web-based platform or ACCESS instruction.

Credit Advancement may be completed during the summer school session, during after or before school Credit/Grade Recovery sessions, or during the school day. Depending on the program selected, a course may last an entire semester, school year, or summer session. Students must take all assessments during an approved session and under the supervision of a designated facilitator.

There is a \$75.00 fee for each half credit taken and a \$150.00 fee for each one credit course, if attempted in a session outside of the regular school day.

EARLY GRADUATES

Central High School may authorize early graduation for high school students who have successfully met the system's graduation requirements, can demonstrate College and Career Readiness, and provide documentation of post-secondary plans for education, military, or the workforce.

College and Career Readiness is defined as a student who earns any of the following:

- Benchmark score on any section of the ACT,
- Silver level on WorkKeys,
- Obtainment of one or more Career and Technical Education industry credentials,
- College credit while as a high school student,
- Benchmark score on any Advanced Placement (AP) exam

Following completion of the CHS Early Graduate Application and required conference involving an administrator, the appropriate guidance counselor, graduation coach, parent, and student, qualifying students may elect to attempt early high school graduation at the end of their third/junior year of high school or the first term of their fourth/senior year of high school. The following steps and requirements must be upheld:

- The Central High School Early Graduation Application form must be completed and on file at the school. Section I of the form shall be completed by the end of the fall semester of the junior year for spring completion or prior to the start of the senior year of fall completion. Section 2 documentation must be submitted at least two weeks prior to the final day of the pertinent semester. Application forms are available from the guidance department section of the Central High School website or at the following link: <https://forms.gle/HfGrHV6DOy4c87c67>
- The student must meet all graduation requirements as outlined by The Alabama State Department of Education and the Phenix City Schools System.
- The student must have completed all coursework through one or a combination of the following methods:
 - Dual Enrollment
 - Credit/Grade Recovery
 - Credit Advancement
 - Traditional courses completed on-campus on the high school campus during the regular school day
 - Web-based or ACCESS Distance Learning courses
- The student must demonstrate College and Career Readiness by obtaining one or more of the indicators as mentioned earlier and also providing one of the following before final early graduation is granted:
 - Letter of Acceptance to a post-secondary institution
 - Letter of Acceptance to the military
 - Letter from employer verifying employment in the workplace

The following should be considered by students and parents choosing the opportunity:

- Early graduates may continue to participate in school activities and social events and attend and participate in graduation events as if the students are still enrolled in high school.
 - Early graduates may not participate in co and extracurricular activities.
- Early graduates will not be included in class ranking or be eligible for valedictorian or salutatorian of any graduation cohort.
- Early graduates must comply with district school board rules and policies regarding visitor access to the school facilities and grounds during normal operating hours.
- The student must meet all graduation requirements, obtain one or more CCR indicators, and provide one of the following before final early graduation is granted:

- Letter of Acceptance to a post-secondary institution
- Letter of Acceptance to the military
- Letter from the employer verifying employment in the workforce.

IMPORTANT TERMS FOR CENTRAL HIGH SCHOOL

The last couple of years have seen numerous changes in the additional opportunities that we now have at Central to accelerate and catch up students through technology and distance learning. Below are some terms and programs that are now commonplace at Central that will assist you in mapping out the future of your son or daughter during his or her high school career.

Edgenuity

This software allows students to take basic courses in English, science, history, math, Integrated Computer Technology, health and foreign language curriculum. We use this software for students who get placed at the alternative school, credit recovery, grade recovery and for students who want to get ahead in the basic classes listed above. It is interactive software where recorded instruction is given with notes, lectures, quizzes and tests. All work can be done from any accessible Internet location, but tests must be taken in the presence of a certified teacher and there must be attendance during a scheduled class period or registered credit recovery/ credit advancement session before school, after school, or during the summer. Courses are student driven so they can work at an accelerated pace. **There is a \$75.00 fee for each ½ credit course taken and a \$150.00 fee for each 1 credit course taken, if taken outside of the regular school day. Students may not register for a class in Edgenuity for which they are currently enrolled during the school day.**

ACCESS

ACCESS is a distance learning program where students have a certified teacher that is highly qualified in that specific subject teaching the course via remote instruction. We offer these courses during the normal school day as specific periods for students to take Credit Advancement or courses that are not offered at Central, such as Latin, German, etc. These courses are paced by the instructor located at another school in Alabama and last the entire semester, summer session, or school year. Information on the Access courses offered can be found at the end of this document. **There is a \$75.00 fee for each ½ credit course taken and a \$150.00 fee for each 1 credit course, if taken outside of the regular school day. (See page 78 for more information.)**

ENGLISH COURSES

01002G1000- English 10

1 credit

This course begins with a review of grammar, the mechanics of the language, library skills, and vocabulary. Students will learn the skills necessary for paragraph writing and writing a complete research paper. The course also consists of literature and oral communications units. Literature will consist of selections from American literature, beginning with the Colonial period. Oral communications will stress such skills as speaking, listening, writing and critical thinking. This course includes application activities that teach the communication skills demanded in the workforce.

01002H1000- Honors English 10

1 credit

This course involves a brief review of grammar, mechanics of the language, and library skills. Paragraph writing, research skills and literature will be emphasized as well as oral communication. There will be weekly reading, writing and vocabulary assignments. A formal research paper will be a part of this course. Independent reading is required. The student must obtain their own book each semester, as assigned by the teacher. Students in this course are preparing for Honors/Dual Enrollment English in the eleventh and twelfth grades. *Prerequisite: A 90 or above average in prior English 9 course, or an 80 or above in English 9 Honors.*

Summer Reading Requirements:

- **The student must obtain their own reading materials (2 books) assigned by the teacher. Students are encouraged to utilize the school and local libraries to obtain these books.**
- **Two corresponding assignments will count as test grades**
- **See the school's website for the Summer Reading List.**

01003G1000- English 11

1 credit

This course will consist of grammar, American literature and composition. Emphasis will be on advanced skills and interpretations in reading, writing and vocabulary. During composition, students will learn how to choose a topic, research the topic, prepare a bibliography and write a documented research paper. This course contains application activities that teach the communication skills demanded in the workplace.

01005E1000- Honors/Dual Enrollment/AP English, Language and Composition, English 11

1 credit

This course is a college-level, advanced course following the curriculum established by the College Board Advanced Placement (AP) Program for English and dual enrollment requirements set forth by CVCC. It involves a brief review of grammar, mechanics of the language, and library skills. Paragraph writing, composition, research skills, and literature will be emphasized. It engages students in becoming skilled writers who compose for a variety of purposes. Students will read and analyze American literature throughout the course. It also guides students in becoming skilled readers of prose written in a variety of rhetorical contexts. There will be reading, writing, and vocabulary study assignments. A formal research paper is required. Independent reading is also required. The student must obtain their own book each semester, as assigned by the teacher. is designed to prepare students for post-secondary education. The focus of the class is to prepare students to successfully complete the AP Exam that is administered at the culmination of the course and/or earn dual enrollment credit for English 101. Students in this course are preparing for Honors/Dual Enrollment/AP English, Literature and Composition- English 12. *Note: Students wishing to earn credit towards the honors endorsement but not wanting to earn any type of college credit (i.e. dual enrollment or AP credit)*

should take this course. Prerequisite: A 90 or above average in English 10 or 80 or above in Honors English 10

Dual Enrollment Requirements to earn credit for ENG 101:

- The student must register as a CVCC student through CHS.
- The student must pass the class with a 70 average and pay required CVCC course fee in order to receive Dual Enrollment credit.
- Students who register for dual enrollment may be required to provide one outside novel per semester.
- Grades for CVCC will only be reflected through six papers required by CVCC, and those grades may differ from the student's CHS grade.
- Final exams taken in a dual enrollment course may not be exempted.

Summer Reading Requirements:

- The student must obtain their own reading materials (1 book) assigned by the teacher. Students are encouraged to utilize the school and local libraries to obtain these books.
- One corresponding assignment will count as a test grade
- See the school's website for the Summer Reading List.

01004G1000- English 12

1 credit

This course is designed to prepare students for post-secondary education. The year includes a review of grammar designed to prepare the student for composition and research. The course concentrates on British literature, and also includes a formal research paper. This course includes application activities that teach communication skills demanded in the workplace.

01006E1000- Honors / Dual Enrollment/AP English, Literature and Composition-English 12

1 credit

Designed for the college-bound student, the major focus of the course is a close study of a wide variety of literature, instruction in composition, writing assignments, regular vocabulary study, parallel reading assignments and nightly homework. This course is a college-level advanced course following the curriculum established by the College Board Advanced Placement (AP) Program for English and dual enrollment requirements set forth by CVCC. It engages students in the careful reading and critical analysis of imaginative literature from several genres and periods from the 16th to the 21st century. Extensive writing of compositions will also be incorporated. The focus of the class is to prepare students to successfully complete the AP Exam that is administered at the culmination of the course and/or earn dual enrollment credit for English 102. Students will attend plays, films, lectures and other artistic offerings. Extensive outside reading is required and students must obtain their own book each semester. *Note: Students wishing to earn credit towards the honors endorsement but not wanting to earn any type of college credit (ie, dual enrollment or AP credit) should take this course. Prerequisite: One unit of Honors English 11 with an 80 or higher or English 11 with an 90 or higher.*

Dual Enrollment Requirements to earn credit for ENG 102:

- The student must register as a CVCC student through CHS.
- The student must have passed ENG 101 dual enrollment course previously.
- The student must pass the class with a 70 average and pay required CVCC course fee in order to receive Dual Enrollment credit.
- Students who register for dual enrollment may be required to provide one outside novel per semester.
- Grades for CVCC will only be reflected through six papers required by CVCC, and those grades may differ from the student’s CHS grade.
- Final exams taken in a dual enrollment course may not be exempted.

Summer Reading Requirements:

- The student must obtain their own reading materials (2 books) assigned by the teacher. Students are encouraged to utilize the school and local libraries to obtain these books.
- Two corresponding assignments will count as test grades
- See the school’s website for the Summer Reading List.

MATHEMATICS CURRICULUM FLOW CHART

-----Possible Course Progression-----

Examples of Pathways. The rows of the following table provide examples of pathways which students may experience across Grades 7-12. Note that students should be enrolled in a mathematics course every year of middle and high school.

Grade 7	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12
<i>Grade 7 Mathematics</i>	<i>Grade 8 Mathematics</i>	<i>Geometry with Data Analysis</i>	<i>Algebra I with Probability</i>	<i>Algebra II with Statistics</i>	Specialized course
<i>Grade 7 Mathematics OR Accelerated Grade 7 Mathematics</i>	<i>Grade 8 Mathematics</i>	<i>Geometry with Data Analysis AND Algebra I with Probability (concurrently)</i>	<i>Algebra II with Statistics</i>	<i>Precalculus</i>	<i>AP Calculus OR Additional specialized course</i>
				<i>Mathematical Modeling OR Applications of Finite Mathematics</i>	<i>Precalculus OR Other additional specialized course</i>
<i>Accelerated Grade 7 Mathematics</i>	<i>Accelerated Grade 8 Mathematics</i>	<i>Geometry with Data Analysis</i>	<i>Algebra II with Statistics</i>	<i>Precalculus</i>	<i>AP Calculus OR Additional specialized course</i>
				<i>Mathematical Modeling OR Applications of Finite Mathematics</i>	<i>Precalculus OR Other additional specialized course</i>
<i>Accelerated Grade 7 Mathematics</i>	<i>Grade 8 Mathematics OR Accelerated Grade 8 Mathematics</i>	<i>Geometry with Data Analysis</i>	<i>Algebra I with Probability</i>	<i>Algebra II with Statistics</i>	Specialized course

MATHEMATICS COURSES

02073G1000- Geometry with Data Analysis

(Only for students transferring in without a Geometry credit)

1 credit

In this course, students incorporate knowledge and skills in Geometry and Measurement, Algebra and Functions, and Data Analysis, Statistics, and Probability, leading to a deeper understanding of fundamental relationships within the discipline and building a solid foundation for further study. Geometry with Data Analysis is the first of three courses required for all students. **NOTE: Students are encouraged to have a Scientific Calculator.**

02052G1000 - Algebra I with Probability

(Grade 10)

1 credit

This course builds upon algebraic concepts studied in Grade 7 and Grade 8 Mathematics. It provides students with the necessary knowledge of algebra and probability for use in everyday life and in the subsequent study of mathematics. Algebra I with Probability is the second of three courses required for all students

NOTE: Students are encouraged to have a Scientific Calculator.

02052H1000 - Honors Algebra I with Probability

(Grade 10)

1 credit

This course builds upon algebraic concepts studied in Grade 7 and Grade 8 Mathematics. In particular, it is an advanced study of the algebraic concepts contained in the Algebra I with Probability course. It provides students with the necessary knowledge of algebra and probability for use in everyday life and in the subsequent study of mathematics. Honors Algebra I with Probability (like Algebra I with Probability) will count as the second of three courses required for all students. ***Prerequisite: 80 or higher in Honors Geometry or 90 or higher in Geometry.***

NOTE: Students are encouraged to have a Scientific Calculator.

02056G1000 - Algebra II with Statistics

(Grades 10-12)

1 credit

This advanced course builds on the students' experiences in previous mathematics in Geometry, Geometry with Data Analysis and Algebra I. It sets the stage for continued study of topics specific to the student's interests and plans beyond high school and is the prerequisite for all other mathematics classes designed for completion of the students' fourth mathematics credit. Algebra II with Statistics is

the third of three courses required for all students. **NOTE: Students are encouraged to have a Scientific Calculator.**

02056H1000- Honors Algebra II with Statistics

(Grades 10-11)

1 credit

This advanced course builds on the students' experiences in previous mathematics in Geometry, Geometry with Data Analysis and Algebra I. It sets the stage for continued study of topics specific to the student's interests and plans beyond high school and is the prerequisite for all other mathematics classes designed for completion of the students' fourth mathematics credit. Honors Algebra II with Statistics will count as the third of three courses required for all students. **NOTE: Students are encouraged to have a Scientific Calculator. Prerequisite: 80 or higher in Honors Algebra I / Honors Geometry or 90 and above average in Algebra I / Geometry**

02137G1000 - Mathematical Modeling

(Grades 11-12)

1 credit

This course will expand on and reinforce the concepts introduced in Geometry with Data Analysis, Algebra I with Probability, and Algebra II with Statistics by applying them in the context of mathematical modeling to represent and analyze data and make predictions regarding real-world phenomena. It is designed to engage students in doing, thinking about, and discussing mathematics, statistics, and modeling in everyday life. It allows students to experience mathematics and its applications in a variety of ways that promote financial literacy and data-based decision-making skills. This course also provides a solid foundation for students who are entering a range of fields involving quantitative reasoning, whether or not they require calculus. In this course, students explore decision-making for financial planning and management, design in three dimensions, interpreting statistical studies, and creating functions to model change in the environment and society. Measurements are taken from the real world, and technology is used extensively for computation, with an emphasis on students' interpretation and explanation of results in context. **Prerequisites: Geometry with Data Analysis, Algebra I with Probability, and Algebra II with Statistics.**

02153G1001- Career Mathematics

(Grades 12)

1 credit

A culminating, one-credit course that provides students with the foundational knowledge and processes needed to apply mathematic concepts in a career setting. Emphasis is placed on applied problems in the areas of algebra, geometry, measurement, and probability and statistics.

02110E1001- Honors/Dual Enrollment/AP Precalculus

(Grades 11-12)

1 credit

This course is designed primarily for those students considering careers in mathematical or scientific fields of study. Following the successful completion of Honors Algebra II with Trigonometry and/or

Honors Algebra II with Statistics, students are prepared for this challenging curriculum that includes an expanded study of polynomial functions, trigonometric functions, conic sections, logarithmic and exponential equations, and the real-life applications of these topics. Students will be challenged to defend and support their conclusions from problematic situations. Students will apply a variety of problem-solving strategies, incorporating the use of graphing calculators or other technological tools that extend beyond the traditional paper-and-pencil drill and practice. The focus of the class is to prepare students to successfully complete the AP Exam that is administered at the culmination of the course and/or earn dual enrollment credit for MTH 112. **Students are highly recommended to purchase a TI-Nspire (nonCAS) Graphing Calculator.** *Note: Students wishing to earn credit towards the honors endorsement but not wanting to earn any type of college credit (ie, dual enrollment or AP credit) should take this course. Prerequisite: One unit of Geometry and/or Geometry with Data Analysis, and Honors Algebra II with Trigonometry or Honors Algebra II with Statistics.*

Dual Enrollment Requirements to earn credit for MTH 115:

- The student must register as a CVCC student through CHS.
- The student must pass the class with a 70 average and pay required CVCC course fee in order to receive Dual Enrollment credit.
- Grades for CVCC may differ from the student's CHS grade.
- Final exams taken in a dual enrollment course may not be exempted.

02124E1000- Honors/Dual Enrollment/ AP Calculus AB

(Grade 12)

1 credit

This is the first in the basic calculus sequence taken primarily by students in science, engineering, and mathematics. Topics include the limit of a function and their properties; the derivative of algebraic, trigonometric, exponential, and logarithmic functions, and the definite integral with its basic applications to area problems. Applications of the derivative are covered in detail, including approximations of error using differentials, maximum and minimum problems, related rate problems, and curve sketching. The focus of the class is to prepare students to successfully complete the AP Exam that is administered at the culmination of the course and/or earn dual enrollment credit for MTH 201. **Students are highly recommended to purchase a TI-Nspire (nonCAS) Graphing Calculator.** *Note: Students wishing to earn credit towards the honors endorsement but not wanting to earn any type of college credit (ie, dual enrollment or AP credit) should take this course. Prerequisite: Pre-Calculus.*

Dual Enrollment Requirements to earn credit for MTH 125:

- The student must register as a CVCC student through CHS.
- The student must pass the class with a 70 average and pay required CVCC course fee in order to receive Dual Enrollment credit.
- Grades for CVCC may differ from the student's CHS grade.
- Final exams taken in a dual enrollment course may not be exempted.

SCIENCE COURSES

***Any student meeting the prerequisites for AP Physics I or II and Dual Enrollment Biology or AP Biology may sign up for more than one science in one school year. This only pertains to the AP/Dual Enrollment Biology and AP Physics courses.*

03051E1000 - Advanced/Dual Enrollment Biology I

(Grade 10 and 11)

1 credit

This course is for students planning a career in biology, chemistry, biochemistry or a related field. Since it is part of the Advanced Placement program, the course includes material presented in a first-year college biology course. *Note: Students wishing to earn credit towards the honors endorsement but not wanting to earn any type of college credit (ie, dual enrollment or AP credit) should take this course. Prerequisite: Completion of Biology with an 90 or above or Honors Biology with a 80 or above.*

Dual Enrollment Requirements to earn credit for BIO 103:

- The student must register as a CVCC student through CHS.
- The student must pass the class with a 70 average and pay the required CVCC course fee in order to receive Dual Enrollment credit.
- Grades for CVCC may differ from the student's CHS grade.
- Final exams taken in a dual enrollment course may not be exempted.

03056E1000 - Advanced/Dual Enrollment/AP Biology II

(Grade 11 and 12)

1 credit

This college-level, advanced course is for students planning a career in biology, chemistry, biochemistry or a related field. There will be specialized topics, processes, skills, applications, principles, and experimentation in life science, including: molecules; cells; heredity; evolution; organisms; populations. Students in this course must dual enroll with a post-secondary institution. The focus of the class is to prepare students to successfully complete the AP Exam that is administered at the culmination of the course and/or earn dual enrollment credit for BIO 104. *Note: Students wishing to earn credit towards the honors endorsement but not wanting to earn any type of college credit (ie, dual enrollment or AP credit) should take this course. Prerequisite: Completion of Advanced Biology I with an 80 or above.*

Dual Enrollment Requirements to earn credit for BIO 104 through CVCC:

- The student must register as a CVCC student through CHS.
- The student must pass the class with a 70 average and pay the required CVCC course fee in order to receive Dual Enrollment credit.

- Grades for CVCC may differ from the student's CHS grade.
- Final exams taken in a dual enrollment course may not be exempted.

03053H1000 - Honors/Dual Enrollment Anatomy/Physiology

(Grades 11 and 12)

1 credit

This college-level course deals with the structure and function of the human body. The basic objective is to provide an in depth study of the systems of the body. The course consists of discussion and extensive laboratory dissections of various animal organs. The focus of the class is to prepare students to successfully earn dual enrollment credit for BIO 202. *Note: Students wishing to earn credit towards the honors endorsement but not wanting to earn any type of college credit (ie, dual enrollment or AP credit) should take this course. Prerequisite: Completion of Advanced Biology I with an 80 or above.*

Dual Enrollment Requirements to earn credit for BIO 202:

- The student must register as a CVCC or SU student through CHS.
- The student must pass the class with a 70 average and pay required CVCC or SU course fee in order to receive Dual Enrollment credit.
- Grades for CVCC or SU may differ from the student's CHS grade.
- Final exams taken in a dual enrollment course may not be exempted.

03008G1000- Earth and Space Science

(Grades 11 - 12)

1 credit

This class will involve the application of basic knowledge of physics, chemistry, and biology to our physical environment. It includes in depth surveys of historical geology, oceanography, meteorology, physical geology and fossil material. Outside projects, reading and additional materials are required.

03101H1000- Honors Chemistry

(Grades 10 – 12)

1 credit

Designed for the college-bound student, chemistry is a rigorous physical science that deals with the structure and composition of materials and the changes in the composition of these materials. **NOTE: Students are encouraged to have a Scientific Calculator. Prerequisite: C or better in Algebra I or concurrent enrollment in Honors Algebra I with Probability.**

03106E1000 - AP Chemistry

(Grades 10 - 12)

1 credit

AP Chemistry is a college-level advanced course following the curriculum established by the College Board Advanced Placement (AP) Program for chemistry. Topics covered include atomic structure and properties; molecular and ionic compound structure and properties; intermolecular forces and properties; chemical reactions; kinetics; thermodynamics; equilibrium; acids and bases; and application

of thermodynamics. The focus of the class is to prepare students to successfully complete the AP Exam that is administered at the culmination of the course. **Note: *Students wishing to earn credit towards the honors endorsement but not wanting to earn any type of college credit (ie, dual enrollment or AP credit) should take this course. Prerequisite: C or better in Honors Chemistry and C or better in Algebra I or higher math.***

NOTE: Students are encouraged to have a Scientific Calculator.

03003G1000- Environmental Science

(Grades 11 - 12)

1 credit

This elective science course introduces students to the biosphere and the physical parameters that affect it. Students will study a variety of topics, including energy sources, environmental quality, and human practices and their effect on the environment..

03207E1000- AP Environmental Science

(Grades 11 - 12)

1 credit

This college-level course is designed for students interested in an environmental sustainability-focused career, through which students engage with the scientific principles, concepts, and methodologies required to understand the interrelationships within 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. Environmental science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography. Outside projects, reading and additional materials are required. The focus of the class is to prepare students to successfully complete the AP Exam that is administered at the culmination of the course. **Note: *Students wishing to earn credit towards the honors endorsement but not wanting to earn any type of college credit (ie, dual enrollment or AP credit) should take this course. Prerequisite: Completion of most recent traditional science with an 90 or above or Honors with a 80 or above.***

03159G1000- Physical Science

(Grade 10 - 12)

1 credit

This physical science course provides the student with a background in physics and chemistry. It will aid students in determining areas of interest when choosing more advanced science courses and careers and developing a general understanding of basic science concepts. **NOTE: Students are encouraged to have a Scientific Calculator.**

03159H1000- Honors Physical Science

(Grade 10)

(1 Credit)

This advanced inquiry-based course with engineering design integration provides investigation of the

basic concepts of chemistry and physics including matter and its interactions, motion and stability, energy, and waves and information technologies.

NOTE: Students are encouraged to have a Scientific Calculator.

03165E1000 – AP Physics 1: Algebra-Based

(Grades 10 and 11)

1 credit

This is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through inquiry-based investigations as they explore topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits. The focus of the class is to prepare students to successfully complete the AP Exam that is administered at the culmination of the course. **NOTE: Students are encouraged to have a Scientific Calculator. Note: Students wishing to earn credit towards the honors endorsement but not wanting to earn any type of college credit (ie, dual enrollment or AP credit) should take this course. Prerequisite: Completion of Algebra II with an 80 or above average or currently enrolled in Algebra II.**

03166E1000 - AP Physics 2: Algebra-Based

(Grades 11 and 12)

1 credit

College-level, algebra-based, introductory physics course following the curriculum established by the College Board Advanced Placement (AP) Program; provides a foundation for future course work in physics; explores topics such as fluid statics and dynamics; thermodynamics with kinetic theory, PV diagrams and probability; electrostatics; electrical circuits with capacitors; magnetic fields; electromagnetism; physical and geometric optics; quantum, atomic and nuclear physics; facilitates inquiry-based learning designed to develop scientific critical thinking and reasoning skills. The focus of the class is to prepare students to successfully complete the AP Exam that is administered at the culmination of the course. **NOTE: Students are encouraged to have a Scientific Calculator. Note: Students wishing to earn credit towards the honors endorsement but not wanting to earn any type of college credit (ie, dual enrollment or AP credit) should take this course. Prerequisite: Completion of Algebra II with an 80 or above average or concurrent enrollment in Algebra II.**

15055G1000- Forensic and Criminal Investigations

(Grades 10 -12)

1 credit

This elective Science/Career Tech course focuses on the history of forensic science, criminal investigation, forensic serology and DNA, forensic studies in anthropology, toxicology, fingerprinting, firearms, physics, and document examination. **Prerequisite: A credit of Chemistry or a C or higher in Physical Science.**

SOCIAL STUDIES COURSES

04102G1000- United States History I

(Beginnings to the Industrial Revolution)

(Grade 10)

1 credit

This course is a required social studies course for students in Alabama schools. United States History 10 forms the foundation for understanding the development and principles of modern American society. Beginning with the earliest explorations of American continents, this course offers a chronological study of major events, issues, movements, individuals, and diverse groups of people in the United States from a national and an Alabama perspective. In addition to gaining essential knowledge regarding this period of our nation's past, students develop historical-thinking skills, which include chronological thinking, historical comprehension, historical analysis and interpretation, historical research, and analysis and decision-making.

04102H1000- Honors/Dual Enrollment United States History I

(Beginnings to the Industrial Revolution)

(Grade 10)

1 credit

This course consists of the following objectives: to study the major themes of U.S. history from the European background and founding of the first colonies to the Industrial Revolution; to reinforce study skills and to encourage students who possess a high degree of motivation to undertake a fair degree of self-guided, outside reading in addition to the requirements of the course; to create a greater awareness of both the world role of a major nation and the individual role of a responsible citizen. The focus of the class is to prepare students to successfully complete the AP Exam that is administered at the culmination of the course and/or earn dual enrollment credit for HIS 201. **This course uses a college textbook.** *Note: Students wishing to earn credit towards the honors endorsement but not wanting to earn any type of college credit (ie, dual enrollment or AP credit) should take this course. Prerequisite: A 90 or above average in prior World History course, or an 80 or above in Honors World History.*

Dual Enrollment Requirements to earn credit for HIS 201:

- **The student must register as a CVCC student through CHS.**
- **The student must pass the class with a 70 average and pay required CVCC course fee in order to receive Dual Enrollment credit.**
- **Grades for CVCC may differ from the student's CHS grade.**
- **Final exams taken in a dual enrollment course may not be exempted.**

04103G1000 – United States History II

(The Industrial Revolution to the Present)

(Grade 11)

1 credit

This is a required social studies course for students in Alabama schools. It continues the study of United States History from the tenth grade course. Focusing on late nineteenth century to twentieth century America and beyond, this course elaborates on the knowledge and understanding gained during previous years that provide the foundation for critical analysis required in this course. The social, political, economic, religious, intellectual and aesthetic trends in the United States since 1877 will be studied as part of this course.

04104E1000- Honors/Dual Enrollment/AP United States History II

(The Industrial Revolution to the Present)

(Grade 11)

1 credit

This college-level course cultivates student understanding of U.S. history from the Industrial Revolution to the present through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like American and national identity; work, exchange, and technology; geography and the environment; migration and settlement; politics and power; America in the world; American and regional culture; and social structures. Other objectives include: reinforcement of study skills to encourage students who possess a high degree of motivation to undertake a fair degree of self-guided, outside reading, in addition to the requirements of the course, as well as to create a greater awareness of both the world role of a major nation and the individual role of a responsible citizen. The focus of the class is to prepare students to successfully complete the AP Exam that is administered at the culmination of the course and/or earn dual enrollment credit for HIS 202. In the spring, students will be given the opportunity to attend study sessions in preparation for the Advanced Placement exam that will be administered in May. **This course uses a college textbook.** *Note: Students wishing to earn credit towards the honors endorsement but not wanting to earn any type of college credit (ie, dual enrollment or AP credit) should take this course. Prerequisite: A 90 average or better in U.S. History I or 80 average or better in Honors U.S. History I.*

Dual Enrollment Requirements to earn credit for HIS 202:

- **The student must register as a CVCC student through CHS.**
- **The student must pass the class with a 70 average and pay required CVCC course fee in order to receive Dual Enrollment credit.**
- **Grades for CVCC may differ from the student's CHS grade.**
- **Final exams taken in a dual enrollment course may not be exempted.**

04151G0500- United States Government

(Grade 12)

**** ½ credit**

The American government course is designed to educate students in the political process. Students will study the basic elements of democratic government. Current events are an integral part of the course. **This is a ½ credit course and required for the Alabama High School Diploma.**

04157E1000- Honors/AP United States Gov and Politics

(Grade 12)

**** ½ credit**

This course is a college-level course for seniors that may be substituted for United States Government and is designed to give students a critical perspective on politics and government in the United States. This course involves both the study of general concepts and the analysis of primary sources. The AP course is distinguished from the regular course by the increased opportunity for supplemental reading, interpretation of primary sources, development of writing skills, and more intensive and extensive classroom discussion. The focus of the class is to prepare students to successfully complete the AP Exam that is administered at the culmination of the course. In the spring, students will be given the opportunity to attend study sessions in preparation for the Advanced Placement exam that will be administered in May. **This is a 1/2 credit course and can count for the required government credit for the Alabama High School Diploma.** *Note: Students wishing to earn credit towards the honors endorsement but not wanting to earn any type of college credit (ie, dual enrollment or AP credit) should take this course. Prerequisite: A 90 average or better in U.S. History II or 80 average or better in Honors U.S. History II/AP U.S. History.*

04201G0500- Economics

(Grade 12)

**** ½ credit**

The study of economics includes study of our country's resources, production, consumption, banking, and trade and tax system. The course also includes studies related to earnings and income, wise management of money and savings, and protection from loss through insurance and personal expenditures. **This is a ½ credit course and required for the Alabama High School Diploma.**

04202E1000- Honors/AP Macroeconomics

(Grade 12)

**** ½ credit**

The study of economics includes study of our country's resources, production, consumption, banking, trade, and tax system. The course also includes studies related to earnings and income, wise management of money and savings, and protection from loss through insurance and personal expenditures. AP Macroeconomics cultivates student understanding of the principles that apply to an economic system as a whole by using principles and models to describe economic situations and predict and explain outcomes with graphs, charts, and data as they explore concepts like economic measurements, markets, macroeconomic models, and macroeconomic policies. In the spring, students will be given the opportunity to attend study sessions in preparation for the Advanced Placement exam that will be administered in May. This is a 1/2 credit course and can count for the required government credit for the Alabama High School Diploma. **This is a ½ credit course and required for the Alabama High School Diploma.** *Note: Students wishing to earn credit towards the honors endorsement but not wanting to earn any type of college credit (ie, dual enrollment or AP credit) should take this course. Prerequisite: A 90 average or better in U.S. History II or 80 average or better in Honors U.S. History II/AP U.S. History.*

04057E1000- AP World History

(Grades 10 - 12)

**** ½ credit**

This course highlights the impact of geography, culture, trade, religion and technology during various historical periods. We will incorporate the Advanced Placement World History themes and the “Habits of Mind”, as outlined in the Course Exam Description provided by the College Board, to foster critical thinking and analysis of current issues. The course covers an expansive time period, from 8000 B.C.E. to the present, in an effort to focus on human encounters and interactions which have shaped our world today. The long-term objective is to guide students in the development of their own skills of analysis while encouraging them to be life-long learners and ultimately demonstrate an understanding of the “big picture” of world history. It is expected that this course will prepare all students to take the Advanced Placement World History Exam.

Note: Students wishing to earn credit towards the honors endorsement but not wanting to earn any type of college credit (ie, dual enrollment or AP credit) should take this course. Prerequisite: Completion of most recent traditional social science with an 90 or above or Honors with a 80 or above.

04256E1000- AP Psychology

(Grade 11 or 12)

1 Credit

AP Psychology is an introductory college-level psychology course. Students cultivate their understanding of the systematic and scientific study of human behavior and mental processes through inquiry-based investigations as they explore concepts like the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatment of abnormal behavior, and social psychology.

Note: Students wishing to earn credit towards the honors endorsement but not wanting to earn any type of college credit (ie, dual enrollment or AP credit) should take this course. Prerequisite: Completion of most recent traditional social science with an 90 or above or Honors with a 80 or above.

FOREIGN LANGUAGE COURSES

24052G1000- Spanish I

1 credit

The study of a foreign language contributes to a well-rounded education. Skills in understanding, speaking, reading and writing are gained. The student will profit from cultural and academic benefits of having learned a foreign language, regardless of vocational aspirations. *Prerequisites: C average or better in English.*

24053G1000- Spanish II

(Grades 11 and 12)

1 credit

This course offers the opportunity to extend skills, which will enable the students to express their ideas and desires to a native speaker and be understood. *Prerequisites: C average or better in Spanish I*

24054G1000- Honors Spanish III

(Grades 11-12)

1 credit

This course provides the opportunity to polish communication skills through everyday use of the language. Works of many Spanish and Latin American authors are read. ***Prerequisites: Teacher recommendation and a unit of Spanish I and Spanish II.*** ****This course is dependent upon availability of instructor and class size requirements.**

24055G1000- Honors Spanish IV

(Grades 11 and 12)

1 credit

This course provides further experiences with listening and speaking. Students use their skills to learn about Hispanic literature. Creativity in language is encouraged. The focus of the class is to prepare students to successfully complete the AP Spanish Language and Culture Exam or American Council of Teachers of Foreign Language Assessment that may be administered at the culmination of the course. ***Prerequisites: Teacher recommendation and a unit of Spanish III. Students completing this course may have the option to achieve the Alabama State Seal of Biliteracy.*** ****This course is dependent upon availability of instructor and class size requirements.**

***** Other foreign languages are available through ACCESS distance learning courses.**

PHYSICAL EDUCATION AND HEALTH EDUCATION

08017G1000 - Beginning Kinesiology

(Grades 9-12)

1 credit

A course which encompasses the basic concepts of athletics and fitness, and introduces students to the basic physiological, psychological, sociological, and mechanical principles of human movement. **ALL students must successfully complete this course to earn an Alabama High School Diploma. There is a \$5.00 locker fee and a \$10 replacement fee if lost. Students are required to wear athletic clothes and athletic shoes to dress out daily in order to participate.**

08017G1001 - Advanced Kinesiology

(Grades 10-12)

1 credit

Elective course that covers the knowledge base of kinesiology, the importance of physical activity in daily life, and the different career paths associated with a degree in kinesiology. This class is for students who wish to pursue a career as a physical education teacher, athletic, trainer, physical therapist, personal trainer, movement-related research specialist, or other careers related to health, fitness, and sports. **Prerequisite: Beginning Kinesiology**

Strength and Conditioning

(Grades 9-12)

1 credit

III-Sophomores	IV-Juniors	V-Seniors
08005G1003	08005G1004	08005G1005

Elective course for students involved in non-athletic PE sports programs at CHS. The class will consist of weight training 1-2 **times** per week, running/speed development, plyometric and various exercise techniques to enhance athletic performance. **Students are required to dress out daily in order to participate. Prerequisite: Students must participate in a CHS sport and have the coach's recommendation.**

Athletic PE

(Grades 9-12)

1 credit

	III-Sophomores	IV-Juniors	V-Seniors
Baseball	08013G109	08013G1013	08013G1017
Basketball	Boys-08013G10B3/ Girls-08013G10G3	Boys-08013G10B4/ Girls-08013G10G4	Boys-08013G10B5/ Girls-08013G10G5
Cross Co	08013G1023	08013G1024	08013G1025

Football	08013G1010	08013G1014	08013G1018
Golf	08013G1028	08013G1029	08013G1030
Soccer	08013G1033	08013G1034	08013G1035
Softball	08013G10	08013G1015	08013G1019
Tennis	08011G103	08011G104	08011G105
Wrestling	08013G1012	08013G1016	08013G1020

Students are required to dress out daily in order to workout. This course may be substituted in place of the required LIFE course. * Recommendation Only- Students will be placed in these courses based on athletic coach designation*****

08019G1000- Sports Officiating Certification

(Grade 12)

1 credit

This course is an elective course that focuses on the professional philosophy, and professional requirements for officiating sports for athletic contests. This course will cover officiating football, basketball, wrestling, volleyball, soccer, baseball, track and field, and softball. Upon completion of the course, students will be afforded the option to take certification exams for any of the sport components to become a restricted certified official with the Alabama High School Athletic Association at the middle/junior high school level. ***** Recommendation Only- Students will be placed in these courses based on athletic coach designation*****

08051G0500– Health and 08099G1000= Health Elective

(Grade 10)

**** 1 credit**

The focus of this course is to provide students with further opportunities to apply health-related knowledge to personal life. Students will develop skills for accessing health information, products and services for current and future health needs and implement a personal health plan designed to decrease adolescent health risks. They will also distinguish between positive and negative impacts of families, cultural and religious groups and institutions, mass media and technology on health. Additionally, students will gain knowledge of the interdependence among environmental factors, learn to administer first-aid procedures (including CPR), and gain an understanding of the importance of recognizing, avoiding, and reporting verbal, physical, sexual and emotional abuse. Students will become competent in making health-enhancing decisions regarding the use of medications, avoiding harmful substances and communicating about substance use/abuse prevention.

08152G1000- Driver and Traffic Safety Education

(Grades 10-12)

****½ credit**

This course consists of 30 hours of classroom instruction and at least 3 hours of behind-the wheel instruction on the road. Students who enroll for this course will receive a ½ credit of Driver's Education. There is a \$30 fee for fuel and maintenance. The fee must be paid in full at the time of pre-registration. ****This course must be taken in conjunction with a half to whole credit course in ACCESS.**

Students taking this course who score 80% or better on the Boating Safety test will be issued a certificate from the Alabama Marine Police which will entitle them to get the Vessel endorsement on their Alabama driver's license. Students who hold a valid Alabama learners license will have the opportunity to take a road test during class and if they pass will be issued an Alabama State Department of Education Issuance card which is valid for 1 year from the date of issue. This card may be taken to the Alabama Driver's Licenses office when the student has had their learner's license for 6 months and is 16 years of age and they will be issued a restricted driver's license.

FINE ARTS COURSES

(Unless otherwise noted, each of these courses satisfies the fine arts requirement for an Alabama High School Diploma.)

VISUAL ARTS

05154G1001 - Visual Arts, Introduction to Visual Arts I

(Grades 9-12)

1 credit

This novice-level course is the first of a series of sequential high school courses in the Visual Arts. This class is designed and taught to prepare students for post-secondary education in the visual arts. It is an introductory course in which students will engage in a rigorous study of the concepts that make connections between art, life, and even careers through the disciplines of aesthetic judgment, art criticism, art history, and various art making processes using a variety of traditional and contemporary media. Students will gain an understanding of the multitude of career possibilities in the visual arts as they begin the class with a study of various career fields and the artists who have achieved successes in their respective fields. This class will require students to develop and utilize skills in observation, critical thinking, creative problem solving, time management, and visual and verbal communication all while being guided through art criticism and aesthetic judgment. Students will be introduced to, develop, and master a variety of media techniques and art processes used to create original works of art while also learning proper care and cleaning for all classroom media, materials, and tools utilized. Finally students will study the origins, cultures, and traditions of the people who created “art” from the earliest of time through to today to gain a better knowledge of the rich history, purposes, and many varying styles and movements of art.

A \$15.00 materials fee is required and MUST be paid before students can utilize any classroom media, materials, and tools.

05154G1002- Visual Arts, Visual Arts II

(Grades 10-12)

1 credit

This intermediate-level course is the second of a series of sequential high school courses in the Visual Arts. This class is designed and taught to prepare students for post-secondary education in the visual arts. It is a course in which students will continue to engage in a rigorous study of the concepts that make connections between art, life, and even careers through the disciplines of aesthetic judgment, art criticism, art history, and various art making processes using a variety of traditional and contemporary media. This class will require students to utilize and develop skills in observation, critical thinking, creative problem solving, time management, and visual and verbal communication all while being guided through art criticism and aesthetic judgment. Students will begin to work more independently as they are introduced to, develop, and master a variety of media techniques and art processes used to create original works of art while also demonstrating proper care and cleaning for all classroom media, materials, and tools utilized.

Students will be required to develop and maintain a digital portfolio of their works which is designed to showcase, and properly communicate about, their ideation and work processes as well as their competence and understanding in art concepts, processes, and media techniques.

A \$15.00 materials fee is required and MUST be paid before students can utilize any classroom media, materials, and tools.

Prerequisite: Visual Arts I, Introduction to Visual Arts I or Instructor Approval.

05154G1003 - Visual Arts, Visual Arts III

(Grades 11-12)

1 credit

This accomplished-level course is the third of a series of sequential high school courses in the Visual Arts. This class is designed and taught to prepare students for post-secondary education in the visual arts. It is a course in which students will continue to engage in a rigorous study of the concepts that make connections between art, life, and even careers through the disciplines of aesthetic judgment, art criticism, art history, and various art making processes using a variety of traditional and contemporary media. This class will require students to utilize and develop skills in observation, critical thinking, creative problem solving, time management, and visual and verbal communication all while being guided through art criticism and aesthetic judgment. Students will work more independently on choice based assignments as they are introduced to, develop, and master a variety of media techniques and art processes used to create original works of art while also demonstrating proper care and cleaning for all classroom media, materials, and tools utilized. Students will be required to develop and maintain a digital portfolio of their works which is designed to showcase, and properly communicate about, their ideation and work processes as well as their competence and understanding in art concepts, processes, and media techniques.

A \$15.00 materials fee is required and MUST be paid before students can utilize any classroom media, materials, and tools.

Prerequisite: Visual Arts, Visual Arts II or Instructor Approval.

05154G1004 - Visual Arts, Visual Arts IV

(Grade 12)

1 credit

This advanced-level course is the fourth of a series of sequential high school courses in the Visual Arts. This class is designed and taught to prepare students for post-secondary education in the visual arts. It is a course in which students will continue to engage in a rigorous study of the concepts that make connections between art, life, and even careers through the disciplines of aesthetic judgment, art criticism, art history, and various art making processes using a variety of traditional and contemporary media. This class will require students to utilize and develop skills in observation, critical thinking, creative problem solving, time management, and visual and verbal communication all while being guided through art criticism and aesthetic judgment. Students will work more independently on choice based assignments as they are introduced to, develop, and master a variety of media techniques and art processes used to create original works of art while also demonstrating proper care and cleaning for all classroom media, materials, and tools utilized.

Students will be required to develop and maintain a digital portfolio of their works which is designed to showcase, and properly communicate about, their ideation and work processes as well as their competence and understanding in art concepts, processes, and media techniques.

A \$15.00 materials fee is required and MUST be paid before students can utilize any classroom media, materials, and tools.

Prerequisite: Visual Arts, Visual Arts III or Instructor Approval.

THEATRE

05052G1001 - Introduction to Theatre 1

(Grades 9-12)

1 credit

This one credit course, proficient level, explores beginning theatre, creating, performing, responding and connecting drive, critical thinking, meaning, reflection production, and assessment to understand how theatre communicates ideas and allows for self-expression students will study, write or perform scenes and monologues. Students will also be introduced to basic history of theatre and technical theatre.

05053G1002 - Acting Technique II

(Grades 10 - 12)

1 credit

This one credit course accomplished level, focuses on specific acting techniques. Creating, performing and connecting drive, critical thinking, meaning, reflection, production and assessment through specific acting techniques. Self-expression and an understanding of how methods of acting may be used to communicate artistic ideas. Students will study, write and or perform scenes and monologues, use text analysis as well as character analysis to perform informal and formal productions.

Prerequisite for this course is a 70 over higher in Introduction to Theatre I.

05053G1003 - Acting Technique III

(Grades 11-12)

1 credit

This one credit course, advanced level, focuses on specific acting techniques. Creating, performing, and connecting drive critical thinking, meaning, reflection, production and assessment through specific acting techniques. Students will refine self-expression and demonstrate an understanding of how methods of acting may be used to communicate artistic ideas. Students will continue to study, write and/or perform scenes and monologues, use text analysis as well as character analysis to perform informal and formal productions equivalent to college-preparatory or honors to reinforce a continued enjoyment of theatre. ***Prerequisite for this course is a 70 over higher in Acting Technique II.***

05097G1010 - Theatre, Independent Study

(Grades 9 - 12)

1 credit

Independent Study courses at the advanced theatre arts level are courses designed to refine and demonstrate concepts focused on a specific area of emphasis within theatre arts. These courses are often conducted with instructors or professional artists as mentors. They enable students to collaboratively and independently refine specific work of their choice from the range of forms within theatre. Independent Study courses may serve as an opportunity for students to expand their expertise in a particular form or style, to explore a topic in greater detail, or to develop more advanced skills.

Prerequisite: Instructor approval only.

05060G1001 - Introduction to Musical Theatre I

(Grades 9 - 12)

1 credit

This one credit course, proficient level, explores beginning musical theatre. Creating, performing, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how musical theatre communicates ideas and allows for self-expression. Students will use their beginning acting and musical talent to refine their musical theatre technique. Students will study the history of musical theatre and perform solo, duo and group musical theatre works. This class is a participation and performance based class. Attendance is imperative. There will not be any make-up assignments for unexcused absences and anyone that has two unexcused absences from rehearsals will be removed from the show. ***Prerequisite: Audition only. There is a \$50 class fee.***

05060G1002 - Musical Theatre II

(Grades 10 - 12)

1 credit

This accomplished-level course continues the study of musical theatre. Creating, performing, connecting drive, critical thinking, meaning, reflection, production and assessment to understand how to communicate ideas and allow for self-expression. Students will use their beginning acting and musical talent to refine their musical theatre technique. Students will study the history of musical theatre and perform solo, duo and group musical theatre works. This class is a participation and performance based class. Attendance is imperative. There will not be any make-up assignments for unexcused absences and anyone that has two unexcused absences from rehearsals will be removed from the show. ***Prerequisite: Audition only. There is a \$50 class fee.***

05060G1003 - Musical Theatre III

(Grades 11 - 12)

1 credit

This accomplished-level course continues the study of musical theatre. Creating, performing, connecting drive, critical thinking, meaning, reflection, production and assessment to understand how to communicate ideas and allow for self-expression. Students will use their beginning acting and musical talent to refine their musical theatre technique. Students will study the history of musical theatre and perform solo, duo and group musical theatre works. This class is a participation and performance based class. Attendance is imperative. There will not be any make-up assignments for unexcused absences and anyone that has two unexcused absences from rehearsals will be removed from the show. ***Prerequisite: Audition only. There is a \$50 class fee.***

05056G1001 - Introduction to Technical Theatre

(Grades 9 - 12)

1 credit

Students must have health insurance or purchase school insurance to be enrolled in this class. This proficient-level course explores beginning technical theatre. Creating, performing, responding and connecting drive, critical thinking, meaning, reflection, production and assessment to understand theatre through a technical theatre experience. Students will learn beginning design principles, scenery, lighting, costuming and sound design for theatre productions. Students will study the history of theatre and an emphasis will be placed on the safe practices and proper use of tools, equipment and materials. This class is a participation and performance based class. Attendance is imperative. There will not be any make-up assignments for unexcused absences and anyone that has two unexcused absences from rehearsals will be removed from the show. ***Prerequisite: Teacher approval through application. There is a \$50 class fee.***

05056G10S2- Scenic Design and Construction II

(Grades 10-12)

1 Credit

Students must have health insurance or purchase school insurance in order to be enrolled in this course. This accomplished-level course is an introduction to the principles, elements, and practicalities of methods, materials, concepts, and processes involved in the design and construction of scenery. Students will learn design functions, construction, painting, modeling, and theories of design. Students will study the history of theatre and an emphasis will be placed on the safe practices and proper use of tools, equipment and materials. This class is a participation and performance based class. Attendance is imperative. There will not be any make-up assignments for unexcused absences and anyone that has two unexcused absences from rehearsals will be removed from the show. ***Prerequisite: Introduction to Theatre I, Design Tech or Musical Theatre I and teacher recommendation. There is a \$50 class fee.***

05056G10S3 - Scenic Design and Construction III

(Grades 11 - 12)

1 Credit

Students must have health insurance in order to be enrolled in this class. This advanced-level course explores in depth the principles, elements, and practicalities of methods, materials, concepts, and processes involved in the design and construction of scenery. Students will learn design functions, construction, painting, modeling, and theories of design. Students will study the history of theatre and an emphasis will be placed on the safe practices and proper use of tools, equipment and materials. This class is a participation and performance based class. Attendance is imperative. There will not be any make-up assignments for unexcused absences and anyone that has two unexcused absences from rehearsals will be removed from the show. *Prerequisite: Scenic Design and Construction II and teacher recommendation.* There is a \$50 class fee.

05056G10C2 - Costume Design and Construction II

(Grades 10 - 12)

1 Credit

Students must have proof of health insurance or purchase school insurance in order to be enrolled in this class. This accomplished-level course is an introduction to the principles, elements and practicalities of costume design and costume construction. Students will learn how to communicate design choices both visually and verbally through rendering techniques and research. An emphasis will be placed on the safe practices and proper use of tools, equipment and materials. This class is a participation and performance based class. Attendance is imperative. There will not be any make-up assignments for unexcused absences and anyone that has two unexcused absences from rehearsals will be removed from the show. *Prerequisite: Introduction to Theatre I or Musical Theatre I or Design Tech and teacher recommendation.* There is a \$50 class fee.

CHORUS

05110G1001 - Intro to Mixed Chorus I

05110G1002 - Mixed Chorus II

05110G1003 - Mixed Chorus III

05110G1004- Mixed Chorus IV

05110G1005- Mixed Chorus V

(Note: Appropriate course number depends on how many years the student has been in chorus.)

(Grades 9-12)

1 Credit

This course is designed for beginning music students to explore choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and

responding, students will develop basic vocal skills and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection. **Mixed Chorus is open to all men and women who want to sing with others and want to learn more about music.** You will learn how to read music and sight sing in this class. There will be performances throughout the school year that are required for all students. *There is a class fee of \$25 for this class that will cover music, a t-shirt, and any other expenses that may arise.*

05111G10W1 - Intro to Women's Chorus I

05111G10W2 - Women's Chorus II

05111G10W3- Women's Chorus III

05111G10W4 - Women's Chorus IV

(Note: Appropriate course number depends on how many years the student has been in chorus.)
(Grades 9-12)

1 Credit

This course is designed for beginning music students to explore treble choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will develop basic vocal skills and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection. **Women's Chorus is open to all women who want to sing with others and want to learn more about music.** You will learn how to read music and sight sing in this class. There will be performances throughout the school year that are required for all students. *There is a class fee of \$25 for this class that will cover music, a t-shirt, and any other expenses that may arise.*

05111G10C1 - Intro to Chamber Chorus I

05111G10C2 - Chamber Chorus II

05111G10C3 - Chamber Chorus III

05111G10C4 - Chamber Chorus IV

(Note: Appropriate course number depends on how many years the student has been in chorus.)
(Grades 9-12)

1 credit

This course is designed for beginning music students to explore choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will develop basic vocal skills and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection. This course is designed for a small ensemble, such as Madrigals or Chamber Choir. **Chamber Choir is an audition-only choir. It is open to any student by audition only. Auditions will be held in April of the prior school year.** See the choir director for any information regarding auditions. There will be performances throughout the school year that are required for all students.

There is a class fee of \$25 for this class that will cover music, a t-shirt, and any other expenses that may arise.

05121G1001 - Intro to Show Choir I (Red Devil Resonance)

05121G1002 - Show Choir II (Red Devil Resonance)

05121G1003- Show Choir III (Red Devil Resonance)

05121G1004 - Show Choir IV (Red Devil Resonance)

(Note: Appropriate course number depends on how many years the student has been in show choir.)

(Grades 9-12)

1 credit

This is a one credit course, novice level, designed for beginning music students to explore popular music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will develop basic vocal skills, choreography and movement and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these popular vocal style experiences to historical relevance, contemporary issue, and self-reflection. **Show Choir is an audition-only choir. Students interested in show choir will be required to submit a dance AND singing audition, either in person or virtual. Auditions will be held in April of the prior school year.** See the choir director for any information regarding auditions. There will be performances throughout the school year that are required for all students. This class is a participation and performance based class. Attendance is imperative. There will not be any make-up assignments for unexcused absences and anyone that has two unexcused absences from rehearsals will be removed from the show. *There is a class fee of \$50 for this class that will cover music, a t-shirt, and any other expenses that may arise.*

BAND

Red Devil Regiment Marching Band

(Grades 9-12)

****1/2 credit**

05103G0503 - 10th Grade (Marching Band 3)

05103G0504 - 11th Grade (Marching Band 4)

05103G0505 - 12th Grade (Marching Band 5)

1 credit received as enrolled in Symphonic Band, Concert Band, or Percussion Class

The Central High School Red Devil Regiment Marching Band is comprised of members of the Symphonic Band, Concert Band, Percussion Class, and the Visual Ensemble Classes. Red Devil Regiment rehearses after school and travels to at least one contest per season. Red Devil Regiment also performs at various parades, pep rallies, and other community events as requested. All members are given the opportunity to participate in fundraiser(s) in order to offset fees. **Students must meet No Pass-No Play Standards to participate in Marching Band. Prerequisite: Audition and/or Middle School Director Recommendation.**

Percussion Ensemble (Drum Line)

(Grades 9-12)

1 credit

05109G10P3 - 10th Grade (Percussion Ensemble 3)

05109G10P4 - 11th Grade (Percussion Ensemble 4)

05109G10P5 - 12th Grade (Percussion Ensemble 5)

Members of the Percussion Class are members of the Red Devil Regiment Marching Band. They are expected to be well-trained musicians with competence in rudimental techniques as well as keyboard instruments. Membership is by audition and by recommendation from the Percussion Instructor. Selected Percussion members must be enrolled in the Percussion Class and are required to be members of the Red Devil Regiment Marching Band. Members of the Red Devil Regiment Marching Band are expected to be at all rehearsals and performances as determined by the band director. Students in Percussion Class will have the opportunity to exempt all physical education requirements. Members will also have the opportunity to perform with other percussion groups including, but not limited to, Concert Percussion Ensemble and Indoor Percussion Ensemble (additional fees are required for Indoor Percussion Ensemble members). **Students must meet No Pass-No Play Standards to participate in Marching Band. Prerequisite: Audition and/or Middle School Director Recommendation.**

Visual Ensemble (Color Guard/Majorette)

(Grades 9-12)

1 Credit

05149G10I3- 10th Grade (Color Guard/Majorette 3)

05149G10I4 - 11th Grade (Color Guard/Majorette 4)

05149G10I5 - 12 Grade (Color Guard/Majorette 5)

The Majorettes are members of the Red Devil Regiment Marching Band and perform as members of the Visual Ensemble. Members are expected to be well-trained twirlers, dancers, and performers. Membership is based on auditions done before a panel of judges during the spring of the preceding year. Selected Majorettes must be enrolled in the Visual Ensemble Class and are required to be members of the Red Devil Regiment Marching Band. Members are expected to be at all rehearsals and performances as determined by the band director. Students in Visual Ensemble Classes will have the opportunity to exempt the physical education requirement. Members of the Visual Ensemble in good standing will have the opportunity to audition and participate in Winter Guard. The Winter Guard is an auditioned group that rehearses and performances determined by the band director. Members of the Visual Ensemble in good standing will have the opportunity to audition and participate in Winter Guard. The Winter Guard is an auditioned group that rehearses and competes in (Additional fees are required for Winter Guard participants). **Students must meet No Pass-No Play Standards to participate in Marching Band.**

Band Solo and Ensemble

(Grades 10-12)

1 credit

05106G10I3 - 10th Grade (Solo & Ensemble 3)**05106G10I4- 11th Grade (Solo & Ensemble 4)****05106G10I5 - 12th Grade (Solo & Ensemble 5)**

Students are selected from the wind player membership of the Central High School Band program to participate in Band Solo and Ensemble Class. All students must be enrolled in Concert Band and are placed into Solo and Ensemble Class by director recommendation. Members of the class are expected to be well-trained musicians and audition for All-State Band and participate in Solo and Ensemble Festival. Students will have the opportunity to prepare for various honor bands, college auditions as well as study music theory and pedagogy. **FINANCIAL OBLIGATION: All-State Audition, Solo and Ensemble Fees, Honor Band Fees. Prerequisite: Audition and/or Director Recommendation.**

Concert Band**(Grades 9-12)****1 credit****05102G1003- 10th Grade (Concert Band 3)****05102G1004 - 11th Grade (Concert Band 4)****05102G1005- 12th Grade (Concert Band 5)**

The Concert Band is the ensemble for the Central High School Band program. Concert Band members are auditioned for placement each year and must follow strict standards of performance and exhibit the highest standards of musicianship and behavior. The high school band director must approve entrance for any student in Concert Band. All students in Concert Band are also required to be members of the Red Devil Regiment Marching Band. The Concert Band will perform several concerts throughout the season and participate in Music Performance Assessment, All-State Band, and other concerts as determined by the band director. Members in the Concert Band will be required to attend all concerts and rehearsals for the band program. Students in Concert Band will have the opportunity to exempt the physical education requirement. **Prerequisite: Audition and/or Director Recommendation.**

Symphonic Band**(Grades 9-12)****1 credit****05149G1002- 10th Grade (Symphonic Band 2)****05149G1003-11th Grade (Symphonic Band 3)****05149G1004- 12th Grade (Symphonic Band 4)**

The Symphonic Band is the premier ensemble for the Central High School Band program. Symphonic Band members are auditioned for placement each year and must follow strict standards of performance and exhibit the highest standards of musicianship and behavior. The high school band director must approve entrance for any student in Symphonic Band. All students in Symphonic Band are also required to be members of the Red Devil Regiment Marching Band. The Symphonic Band will perform several concerts throughout the season and participate in Music Performance Assessment, All-State Band, and other concerts as determined by the band director. Members in the Symphonic Band will be required to attend all concerts and rehearsals for the band program. Students in Symphonic Band will have the opportunity to exempt the physical education requirement. **Prerequisite: Audition and/or Director Recommendation.**

OTHER ELECTIVES

Student Aide Services

(Grade 11 and/or 12) (See Note Below)**

22051X1001- Main Office Exploratory Services (Main Building)

Office Exploratory is designed to familiarize students with school office services and procedures as well as pupil personnel services. Students will gain experience in receptionist duties, i.e., typing, filing, answering the telephone, and helping office personnel with various other tasks. Promptness, office etiquette, work attitude, and communication skills will be stressed. Students must have excellent attendance and academic records. *Prerequisite: Counselor/Administrator approval required and student cannot have had any Class II or III discipline entries in the previous year and must be on track to graduate.*

22051X1003- CTE Office Exploratory Services (CTE Building)

Office Exploratory is designed to familiarize students with school office services and procedures as well as pupil personnel services. Students will gain experience in receptionist duties, i.e., typing, filing, answering the telephone, and helping office personnel with various other tasks. Promptness, office etiquette, work attitude, and communication skills will be stressed. Students must have excellent attendance and academic records. *Prerequisite: Counselor/Administrator approval required and student cannot have had any Class II or III discipline entries in the previous year and must be on track to graduate.*

22051X1002- Media Exploratory Services

Media Exploratory is designed to provide students with the opportunity to become familiar with library operations and information resources. Students will be expected to assist students and teachers in locating print, non-print and computer-based information within the library network and through telecommunications. In addition, they will gain experience in many other aspects of library activities, including, but not limited to, circulation, processing of materials, operating library equipment, and taking inventory. Students must be willing to work with others, take responsibility seriously and have excellent attendance and academic records. *Prerequisite: Media specialist and administrator approval required.*

***** Special Note About Office Exploratory Experiences and Media Exploratory Services**

Juniors or seniors may participate in either class either year; however, they may only receive credit for one per year.

**Transition Services
(Grades 9-12)**

Transition Services II (10th)	Transition Services III (11th)	Transition Services IV (12th)
22151X1002	22151X1003	22151X1004

Students will develop fundamental transition skills needed for positive post-school outcomes. Instruction for this course may take place both within the classroom and the community.

Note: Students will be placed in this elective course based on need.

Required Course for Graduation

22153G1000- Career Preparedness

(Grades 9-12)

This one credit course prepares students with content knowledge and skills in the areas of career development and academic planning, computer skill application, and financial literacy. **This is a required course to graduate.**

Other courses not offered by CHS are available in the ACCESS Distance Learning program (see course list on page 78).

SERVICES OFFERED UNDER IDEA

(Individuals with Disabilities Education Act)

Enrollment in these courses is based on an individualized education program for those students pursuing the Alabama High School Diploma via the Essentials Pathway.

ENGLISH LANGUAGE ARTS

01002X1002- English Essentials 10

1 credit

This is a 10th grade course designed to provide a practical knowledge of reading, literature, writing and language, research and inquiry, and oral and visual communication.

01003X1003- English Essentials 11

1 credit

This is an 11th grade course designed to provide a practical knowledge of reading, literature, writing and language, research and inquiry, and oral and visual communication.

01004X1004- English Essentials 12

1 credit

This is a 12th grade course designed to provide a practical knowledge of reading, literature, writing and language, research and inquiry, and oral and visual communication.

MATHEMATICS

02054X1072- Algebraic Essentials B

(Grade 10)

1 credit

This course provides students with foundational skills identified in the second half of the general education Algebra I course. The course includes essential concepts to equip students with the algebra skills necessary for employment and independent living.

02072X1000 – Essentials Geometry with Data Analysis

(Grade 11)

1 credit

This course provides students with foundational skills identified in the general education Geometry course. The course includes essential concepts to equip students with the geometry skills necessary for employment and independent living.

02155X1000 – Essentials Algebra with Finance

(Grade 12)

1 credit

This course integrates algebra, probability and statistics and geometry to solve financial problems that occur in everyday life. Real world problems involving investing, credit, banking, auto insurance, mortgages, employment, income taxes, budgeting and planning for retirement. Students are encouraged to use a variety of problem-solving skills and strategies. The course offers multiple opportunities to use, construct, question, model, and interpret financial situations through symbolic algebraic representations, graphical representations, geometric representations, and verbal representations.

SCIENCE

03159X1000– Essentials Physical Science

(Grade 10)

1 credit

This physical science course provides the student with a background in physics and chemistry. It will aid students in determining areas of interest when choosing more advanced science courses and careers and developing a general understanding of basic science concepts.

03008X1000- Essentials Earth and Space Science

(Grade 11)

1 credit

This course is designed to provide students with practical knowledge of Earth and Space Science including scientific process and application skills; energy in the Earth system; weather; seasons; theories for the origin and age of the universe; stars, pulsars, quasars, black holes, and galaxies; Earth and space scientists; space exploration.

03003X1000- Essentials Environmental Science

(Grade 12)

1 credit

This course is designed to provide students with a practical knowledge of Environmental Science including scientific process and application skills; natural and human impacts; carrying capacity; renewable and nonrenewable energy resources; properties and importance of water; land use practices; composition and erosion of soil.

SOCIAL STUDIES

04102X1011- Essentials U.S. History to 1877

(Grade 10)

1 credit

This course follows a chronological study of major events, issues, movements, leaders, and groups of people of the United States through Reconstruction from a national and Alabama perspective.

04103X1011- Essentials U.S. History from 1877

(Grade 11)

1 credit

This course begins with the post-Reconstruction United States and its shift into a more industrialized society and continues through the twentieth century to the present.

04201X0511- Essentials Economics

(Grade 12)

****1/2 credit**

This course is a one-semester course that focuses on the functions and institutions of modern-day economic systems and theory. Students gain skills that will enable them to anticipate changes in economic conditions and how to adjust to the changes to improve their lives and their communities.

04151X0511- Essentials U.S. Government

(Grade 12)

****1/2 credit**

This course is a one-semester course that focuses on the origins, structure, and functions of government at all levels. It also includes a detailed study of the constitution of the United States and its provisions.

CAREER TECHNICAL COURSES

Career Technical Student Organizations (CTSO's) - Every Career Technical program has an associated Student Organization. These organizations are an integral part of the curriculum. They provide opportunities to apply instructional competencies and workplace readiness skills, enhance leadership development skills, and provide opportunities for community service. **The majority of field trips, extracurricular activities, and competitions will be limited to the membership of the Career Technical Student Organizations. Students are strongly encouraged to join these organizations.**

Fees- There are fees for some career tech courses. Once the term has begun, the fee is non-refundable. The fee will cover additional supplies needed for the class.

Insurance- Many of the courses in the Career Technical section require proof of insurance. If you do not have medical insurance of your own, information is available regarding school day insurance programs that will meet the requirement.

BUSINESS EDUCATION DEPARTMENT

The Career Technical Student Organization for classes in business is **Future Business Leaders of America (FBLA) and SkillsUSA.**

**** We offer four pathways in our Career Tech Center for students interested in a Business career: Business Administrative Services, Business Information Technology, Accounting, and Marketing.**

- **Career Preparedness and Business Software Applications I** can serve as the foundation course for all Business pathways.
- **Business Communications** can also serve as a foundation course for the Accounting or Marketing pathways.
- To earn CTE Completer status as a college/career readiness indicator, a student must complete 3 sequential courses in a CTE pathway with a minimum of a 70 average.

FOUNDATION COURSES FOR THE BUSINESS PATHWAYS

10005G1001 - Business Software Applications I (All Business Pathways)

(Grades 9 – 11)

1 credit

This course emphasizes the skills required to create, edit, and publish industry-appropriate documents. Areas of instruction include the integration of word processing, desktop publishing, spreadsheets, database management, and presentation software as well as the use of emerging technologies. Competencies for the co-curricular student organizations, such as Future Business Leaders of America (FBLA-PBL), are also embedded in this course. **Students will have the opportunity to gain**

industry-recognized credentials to document basic computer skills needed for future education or employment.

BUSINESS ADMINISTRATIVE SERVICES PATHWAY

12054G1001 - Business and Legal Concepts

(Grades 9 – 12)

1 credit

This course emphasizes the ethical and legal dimensions of conducting business. The course focuses on application of ethical concepts, historical events that have shaped business law in the United States, the U.S. court systems, contracts, insurance, and various areas of law that impact business operations. Qualifying completers of this course will be eligible to be tested to receive Microsoft Office Specialist Certification in one or more areas. *Prerequisite: Completion of Business Technology Applications (BTA) or its equivalent*

12009G1001 - Business Communications (Foundations course for Marketing and Finance Pathways)

(Grades 9-12)

1 credit

This course focuses on how employees and management interact with each other and with groups and individuals outside the organization to reach organizational goals, objectives, and activities. This course emphasizes oral, written, and digital communication techniques, and content is designed to encourage exploration of business ethics, teamwork, conflict resolution, and leadership skills. Content standards require the use of presentation and word processing software to create business communications. Standards require proficiency in producing documents and multimedia presentations. Qualifying completers of this course will be eligible to be tested to receive Microsoft Office Specialist Certification in one or more areas. *Prerequisite: Career Preparedness or Business Software Applications I IF on the BAS or BTI pathways*

12051G1000 - Foundations of Business Leadership (Foundation course for the Marketing Pathway)

(Grades 9-12)

This course focuses on the exploration of leadership and management to determine the impact of management practices on business and industry, management of expectations regarding legal and ethical behavior, and investigation of how resources are managed to achieve company goals. Standards are designed to emphasize principles of sound business management and analysis of business practices to determine ethical and social responsibilities. Qualifying completers of this course will be eligible to be tested to receive Microsoft Office Specialist Certification in one or more areas.

BUSINESS INFORMATION TECHNOLOGY PATHWAY

11153G1001- Digital Media Design

(Grades 9 – 12)

1 credit

This course is designed to provide a creative, hands-on environment in which students collaborate to produce a variety of digital media projects. Students use various hardware, peripherals, software, and web-based tools to learn skills involving graphic design, digital photography, web design, and digital video production. Additionally, the standards are designed for students to engage in critical thinking skills and practice appropriate behavior in the use of technology. Emphasis is placed on exploring and demonstrating business-related skills such as teamwork, interpersonal skills, and ethics while completing their projects. **Qualifying completers of this course will be eligible to be tested to receive Microsoft Office Specialist Certification in one or more areas. Prerequisite: Career Preparedness or Business Software Applications I**

11153G1002 - Digital Publications Design

(Grades 9-12)

1 credit

This course gives students marketable experience in both print and digital publishing. Emphasis is placed on page layout and design, computerized text, graphic art, digital photography, and the use of software to create a variety of publications. **Qualifying completers of this course will be eligible to be tested to receive Microsoft Office Specialist Certification in one or more areas. Prerequisite: Career Preparedness or Business Software Applications I**

10012G1001 - Exploring Computer Science

(Grades 9 & 10 Only)

1 credit

Exploring Computer Science is an introductory year-long high school computer science course for students in Grades 9-10 focused on foundational computer science concepts and computational practices. Students will be introduced to the breadth of the field of computer science through an exploration of engaging and accessible topics. The course is designed to focus on the conceptual ideas of computing and help students understand why certain tools or languages might be utilized to solve particular problems. **Prerequisite: It is recommended that students have completed Algebra I prior to enrolling or be concurrently enrolled in Algebra I. Exploring Computer Science is designed to be a college preparatory high school course and thus, should provide a rigorous, but accessible, introduction to computer science. No previous computer science experience is required.**

10019E1000 – AP Computer Science Principles

(Grades 10 - 11)

1 credit

This is a college-level advanced course following the curriculum established by the College Board Advanced Placement (AP) program for computer science; focuses on the innovative and multidisciplinary aspects of computing as well as the computational thinking practices that help students see how computing is relevant to many areas of their everyday lives; introduces students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. ***Prerequisite: Must have completed Algebra II with an overall 70 average or higher or have passed Business Technology Applications (BTA) or its equivalent prior to enrolling.***

10157E1000 – AP Computer Science A

(Grades 11 - 12)

1 credit

A one credit college-level course following the curriculum established by the College Board Advanced Placement (AP) Program for computer science; emphasizes object-oriented programming methodology with a concentration on problem-solving and algorithm development. ***Prerequisite: Must have completed Algebra II with an overall 70 average or higher and AP Computer Science Principles.***

FINANCE/ACCOUNTING PATHWAY

12104G1012- Accounting

(Grades 10 – 12)

1 credit

This course is designed to place emphasis on basic principles, concepts, and procedures of accounting. Students are introduced to techniques of bookkeeping and how to start and operate a business by using simulations related to sole proprietorships and partnerships. **Qualifying completers of this course will be eligible to be tested to receive Microsoft Office Specialist Certification in one or more areas.** ***Prerequisite: Algebra I or its equivalent; Completion of Business Technology Applications (BTA).***

12104G1022- Advanced Accounting

(Grades 10 – 12)

1 credit

This weighted course offers increased emphasis on accounting procedures and techniques for solving business problems and making financial decisions. Students use accounting and/or spreadsheet software to record, analyze and interpret financial records. Students also complete work on advanced simulations for managerial and corporate accounting. **Qualifying completers of this course will be eligible to be tested to receive Microsoft Office Specialist Certification in one or more areas. Successful completion of Accounting and Advanced Accounting will result in college credit for the 1st year Accounting course via state-wide articulation.** ***Prerequisite: Accounting***

12105G1001 - Economic and Financial Services

(Grades 10-12)

1 credit

This course presents basic topics in economics, including the principles and practices of banking, credit, and consumer lending in the United States. Additional emphasis is placed on money management, economic growth and stability, and characteristics of different economic systems and financial institutions. The course includes the major functions of banks and other financial intermediaries, central banking and the Federal Reserve System, and current trends in the finance industry, credit functions, principles of credit risk evaluation, loan creation, debt collection, and stocks and bonds. **Qualifying completers of this course will be eligible to be tested to receive Microsoft Office Specialist Certification in one or more areas.**

MARKETING CORE

12164G1001- Marketing Principles

(Grades 10-12)

1 credit

This course provides students with an advanced study of marketing concepts and techniques. Focus is placed upon marketing functions, entrepreneurship concepts, national and global economics, international marketing careers. Hospitality and tourism, advertising, retail management, distribution and trade are emphasized. Students will participate in FBLA as an integral part of this course. **Qualifying completers of this course will be eligible to be tested to receive Adobe certifications (PhotoShop and/or Illustrator).** *Prerequisite: Career Preparedness or Business Software Applications I*

12163G1003 - Sports and Entertainment Marketing

(Grades 9-12)

1 Credit

This is a specialized course designed to offer students an opportunity to gain knowledge and develop skills related to the growing sports and entertainment industry. This course introduces the student to the major segments of the industry and the social and economic impact the industry has on local, state, national, and global economies. Although no prerequisite is listed, it is suggested that students complete an introductory marketing course prior to taking Sports and Entertainment Marketing. **Qualifying completers of this course will be eligible to be tested to receive Adobe certifications (PhotoShop and/or Illustrator).** *Prerequisite: Career Preparedness or Business Software Applications I*

12162G1001 – Digital Marketing

(Grades 10-12)

1 credit

This course introduces students to digital marketing techniques, tools, and methods, including email, websites, applications, social media, and other electronic means. This course focuses on how to develop and conduct digital marketing campaigns. Emphasis is placed on creating, implementing, and critiquing online advertising, email marketing, websites, social media, mobile marketing, search-engine optimization, video and images, podcasts, webcasts, and creating and repurposing content for use in digital environments. **Qualifying completers of this course will be eligible to be**

tested to receive Adobe certifications (PhotoShop and/or Illustrator). *Prerequisite: Career Preparedness or Business Software Applications I*

**** The two classes described below, Entrepreneurship and Workforce Readiness, are both electives in all three Business Pathways and would apply in the sequence towards “completer” status for all three.**

12053G1000 - Entrepreneurship

(Grades: 10-12)

1 credit

This course is designed to provide students with the skills needed to effectively organize, develop, create, and manage a business. This course includes business management and entrepreneurship, communication and interpersonal skills, economics, and professional development foundations.

Qualifying completers of this course will be eligible to be tested to receive Adobe certifications (PhotoShop and/or Illustrator). *Prerequisite: Business Technology Applications or Business Essentials.*

12197G1002 - CTE Lab in Marketing (Yearbook)

(Grades 10-12)

1 credit

This course is designed as a learning laboratory to support students' individual interests and goals. This laboratory may take place in a traditional classroom, in an industry setting, or in a virtual learning environment. Students use various hardware peripherals as well as the Internet for integrating skills to create a variety of publications to create the school yearbook, the Red and Black. Activities include writing, editing, preparing copy, design and layouts. Students are required to sell ads to the local business community for this course. After school work is required when deadlines must be met. Qualifying completers of this course will be eligible to be tested to receive Microsoft Office Specialist Certification in one or more areas. *Prerequisite: Completion of Business Software Applications I (BSA) or an equivalent course; An overall B average and two letters of recommendation with one of them being from the current year's English teacher and sponsor approval*

22152G1002 - Workforce Readiness

(Grade 11 or 12)

1 credit

Workforce Readiness standards are designed to provide students with academic and occupational skills that are transferable across jobs and occupational areas. Emphasis is placed on academic foundations for careers, applied technology, career development and employment, entrepreneurship and business economics, social and ethical responsibility, leadership, teamwork, safety, and health. ***This course is an elective in all 3 business pathways: Business Management and Administration, Finance, and Marketing. *Prerequisite: Completion of two core courses in a program.***

**** COOPERATIVE EDUCATION:** This program is by application only.

22998G1014 - Cooperative Education

(Grades 12)

This course is designed to assist advanced students in obtaining and maintaining employment in occupations in their chosen career pathway. It enhances students' skills, attitudes, and habits to be able to become employed and progress in the world of work. Students update their career portfolios in order to increase their opportunities for meaningful employment and placement in the local business community. Students are required to meet with their coordinator for one period per week in addition to working. Students typically attend classes for half of the day and work for half of the day. Some placements may be internships in the student's career pathway. **The fee for Cooperative Education (Co-op) is \$25 which covers the entire year. Prerequisites: Successfully completed three courses in the student's career pathway/cluster OR be simultaneously enrolled in course work that would lead to completer status, possess a valid driver's license, show proof of insurance, provide transportation and receive teacher approval.**

BUSINESS PATHWAYS PROGRESSION

The Career and Technical Education Center for Phenix City Schools offers four pathways in our Career Tech Center for students interested in a Business career: Business Administrative Services, Business Information Technology, Accounting, and Marketing. The first course listed under each pathway below should serve as the first course taken (foundation course) in each pathway.

A student may enroll in multiple Business courses in the same school year as long as the requirement of the foundation course has been met.

	Business Administrative Services	Business Information Technology	Accounting	Marketing
Foundation Course	Career Preparedness	Career Preparedness	Career Preparedness	Career Preparedness
	Business Software Applications I	Business Software Applications I	Business Software Applications I	Business Software Applications I
			Business Communications	Business Communications
Concentrator Course	Business Communications	Digital Media Publications	Economic and Financial Services	Entrepreneurship
	Business and Legal Concepts	Digital Publications Design	Accounting	Digital Marketing
	Foundations of Business Leadership	Exploring Computer Science	Advanced Accounting	Marketing Principles
		AP Computer Science Principles		Sports and Entertainment Marketing
		AP Computer Science A		
Capstone	Cooperative Education	Cooperative Education	Cooperative Education	CTE Lab in Marketing

	Workforce Readiness	Workforce Readiness	Workforce Readiness	Cooperative Education
				Workforce Readiness

“Completer” status is earned with three full course credits *in the same pathway*. This can count as a college/career readiness indicator if the grade earned in all three courses is a minimum of a 70. Being a “completer” could qualify you to apply for the Henry Fleming Scholarship your senior year as well as co-op.

Cooperative Education Seminar (Co-op)

A student must be a “completer” or enrolled in a course that will make him/her a “completer” to be eligible for co-op placements, and the student must have transportation. An application process and other restrictions apply (see course description).

GOVERNMENT/ADMINISTRATION

09101G1001- Naval Science I

(Grades 10 – 12, 1st year cadets only)

1 credit

The purpose of this course is to introduce students to the precepts of citizenship, the elements of leadership, and the value of scholarship in attaining life goals. It is also designed to engender a sound appreciation for the heritage and traditions of America, with recognition that the historically significant role of sea power will be important in America’s future, and develop in each cadet a growing sense of pride in his/her organization, associates and self. These elements are pursued at a fundamental level. Students will participate regularly in physical fitness and military drill. **This course may be substituted in place of the required LIFE course. Additionally, it may also be substituted in place of the Career Preparedness course. The fee for this course is \$25 per semester. Dress uniforms are provided for student use, but are the property of the US Navy and must be returned at the end of the school year. PT uniforms are provided and become the property of the student.**

09102G1001- Naval Science II

(Grades 10 – 12)

1 credit

This course is designed to engender a sound appreciation for the heritage and traditions of America, with recognition that the historically significant role of sea power will be important in America’s future, and to develop in each cadet a growing sense of pride in his/her organization, associates and self. These elements are pursued at a more advanced level than in NSI. In addition, cadets will continue with the instruction of Naval Science, to include military history, astronomy, meteorology and geography. Students will participate regularly in physical fitness and military drill. **The fee for this course is \$25 per semester. Dress uniforms are provided for student use, but are the property of**

the US Navy and must be returned at the end of the school year. PT uniforms are provided and become the property of the student.

09103G1001- Naval Science III

(Grades 11 and 12)

1 credit

The purpose of this course is to further develop traits of leadership in students and to introduce cadets to the vital importance of military justice, international law, and to continue with the instruction of Naval Science, to include naval operations and support functions, introduction to ship construction and damage control, basic seamanship and Naval weapons and aircraft. Cadets will be instructed on ongoing instruction in leadership, citizenship and discipline. Provide an understanding of the facets of sea power, national security and naval history. Students will participate regularly in physical fitness and military drill. **The fee for this course is \$25 per semester. Dress uniforms are provided for student use, but are the property of the US Navy and must be returned at the end of the school year. PT uniforms are provided and become the property of the student.**

09104G1001- Naval Science IV

(Grades 12)

1 credit

This is a weighted class. Written recommendation from the Senior Naval Science Instructor and Naval Science instructor required. Combined Naval Science I, II, III grade point average of 3.0/80% or higher. This course will build on the basic qualities of a good follower and an effective leader provided in Naval Science I, II, and III. The cadet will take a more in-depth look at what leadership is and how to maximize his/her abilities in the area of leadership. Students will participate regularly in physical fitness and military drill. Students projects for this course include planning, coordinating, practicing for and executing the NJROTC Annual Military Inspection, National Academic Test Competition, Joint Leadership and Academic Bowl competition, Cadet planned, coordinated and executed community service project. **The fee for this course is \$25 per semester. Dress uniforms are provided for student use, but are the property of the US Navy and must be returned at the end of the school year. PT uniforms are provided and become the property of the student.**

09102G1003, 09103G1003, 09104G1003- Naval Leadership Lab and Drill

09102G1003- Sophomore Drill

09103G1003- Junior Drill

09104G1003- Senior Drill

(Grades 10-12)

1 Credit

This course will provide cadets the opportunity to practice advanced drill for drill team competitions and performances. Cadets are selected to be in the drill class by the Senior Naval Science Instructor, based on Naval Science grade from the previous year, overall academic performance, previous participation in drill meets performance of duty and conduct. Cadets will perform marching maneuvers, flag folding, color guard, honor guard and physical fitness. Cadets will be divided into the Un-Armed drill team, Armed Drill team, Exhibition drill team, Color Guard drill team and Honor Guard drill

team. **This course will be taught during 7th period for the first and second semesters.** The fee for this course is \$25 per semester. Dress uniforms are provided for student use, but are the property of the US Navy and must be returned at the end of the school year. PT uniforms are provided and become the property of the student.

Prerequisite: Completion of one year of NJROTC, maintain a grade of 80% or higher, participation in one drill meet the year prior, participation in five community service events and a written recommendation from the Senior Naval Science Instructor.

HOSPITALITY AND TOURISM

The Career Technical student organization for students in Culinary Arts classes is **Family, Career and Community Leaders of America (FCCLA)**.

16001G1000- Introduction to Hospitality and Tourism

(Grades 10-11)

1 Credit

Introduction to Hospitality and Tourism is a one-semester, one-credit course. This course is the prerequisite for all Culinary Arts courses. In this course, students will learn basic skills needed to work in the restaurant and other foodservice and hospitality industries, with a focus on careers in these fields. This course will include instruction in all areas of workplace readiness. Relevant reading and mathematics concepts will be reinforced. Students will learn commercial sanitation procedures. Students will prepare, evaluate and enjoy different types of food, and learn how these foods are served, presented, packaged, or otherwise provided to clientele. Students will learn about tourism, lodging and hospitality, and ways to enrich the experiences provided to clients by hospitality professionals. **This course will be taught for two consecutive periods during one semester. A total of \$30.00 course fee must be paid at pre-registration for this course in order to sign up. This will cover the cost for a student uniform (jacket and hat) and the fee for the Culinary Arts I class. Non-slip safety shoes must be purchased independently.**

16053G1012- Culinary Arts I

(Grades 10-12)

1 Credit

Culinary Arts I is a one-semester, one-credit course. **The prerequisite for this course is Introduction to Hospitality and Tourism.** Culinary Arts I introduces students to basic food production, management, and service activities in both the front- and back-of-the-house. Emphasis is placed on sanitation, safety, and basic food preparation. Skills in mathematics, science and communication are reinforced in this course. FCCLA is an integral part of the curriculum, and provides opportunities to apply workplace readiness and leadership skills, and to serve the community. **This course will be taught for two consecutive periods during one semester. No additional fee is required for this course. Students must have paid the full course fee for Introduction to Hospitality and Tourism.** *Prerequisite: Introduction to Hospitality and Tourism*

16053G1022- Culinary Arts II

(Grades 11-12)

1 Credit

Culinary Arts II is a two-credit course taken for two semesters. **The prerequisite for this course is Culinary Arts I.** Culinary Arts II introduces students to advanced food production, and reinforces management, professionalism, and service activities in both the front- and back-of- the-house. Emphasis is placed on sanitation, safety, and advanced food preparation. Skills in mathematics, science and communication are reinforced in this course. FCCLA is an integral part of the curriculum, and provides opportunities to apply workplace readiness and leadership skills, and to serve the community.

The fee for this course is \$30.00. This course will be taught for two consecutive periods for the first and second semesters.

16056G1000 - Baking and Pastry Arts

(Grades 11-12)

1 Credit

A one-credit course designed to provide students with the principles of baking and pastry techniques. The course includes baking technologies, equipment, preparation procedures, production methods, pastry methods, science of bread baking, confections and desserts, showpieces, cost control, food safety, and presentation techniques to create fundamental baking to the latest baking and pastry trends.

Prerequisite: Counselor approval and teacher recommendation required.

STEM COURSES

ENGINEERING

Engineering is designed to offer students an overview of the engineering profession and fundamental skills utilized in general engineering. Students investigate various engineering disciplines and related career paths. They develop communication and teamwork skills as well as increase their understanding of basic scientific and mathematical principles used in problem solving through the engineering design process. Students will also explore the application of engineering principles in various technological areas including construction, transportation, communication, manufacturing, and bioengineering. Students will also learn about systems involved in the engineering research and design process. Topics include fluid, thermal, mechanical, and electrical systems. The Career Technical student organization for students in all Technical courses is SkillsUSA.

21017G1000 - Introduction to Engineering Design - PLTW

(Grades 10-11)

1 Credit

A one-credit course that uses a design development process while enriching problem-solving skills. Students create and analyze models using specialized computer software. **Prerequisite: Students must have the STEM pathway on their 4-year plan or have it added to their 4-year plan and a minimum overall 80 average in their Science and math courses, and/or a teacher recommendation.**

21018G1000 - Principles of Engineering - PLTW

(Grades 10-12)

1 Credit

A one-credit course designed to explore technology systems and manufacturing processes. **Prerequisite: Must have passed Introduction to Engineering Design with a “C” or better. Students must have the STEM pathway on their 4-year plan or have it added to their 4-year plan and a minimum overall 80 average in their Science and math courses, and/or a teacher recommendation.**

21022G1000 - Computer Integrated Manufacturing - PLTW

(Grades 11-12)

1 Credit

A one-credit course designed to enhance computer modeling skills by applying principles of robotics and automation to the creation of models of three-dimensional designs. **Prerequisite: Must have passed Principles of Engineering with a “C” or better. Students must have the STEM pathway on their 4-year plan or have it added to their 4-year plan and a minimum overall 80 average in their Science and math courses, and/or a teacher recommendation.**

21025G1000 - Engineering Design and Development - PLTW

(Grade 12)

1 Credit

A one-credit, research course designed for students to formulate the solution to an open-ended engineering question. Students create written reports, defend the reports, and submit them to a panel of outside reviewers at the end of the school year. **Prerequisite: Must have passed Computer Integrated Manufacturing with a “C” or better. Students must have the STEM pathway on their 4-year plan or have it added to their 4-year plan and a minimum overall 80 average in their Science and math courses, and/or a teacher recommendation. Qualifying completers of this course will be eligible to be tested to receive the AutoDesk - AutoCAD or Inventor certification.**

MECHATRONICS

Mechatronics is a branch of engineering that focuses on designing, manufacturing and maintaining products that have both mechanical and electronic components. This program teaches background skills in several areas of industrial maintenance including electronics, industrial wiring, motors, controls, instrumentation, and computers. Mechatronics is the synergy that exists between electrical control systems and the mechanical machines they regulate. The Career Technical student organization for students in all Technical courses is SkillsUSA.

17049G1000 - Safety and Health Regulations (1 period, full-year course)

(Grade 9)

1 Credit

Description: A one-credit course designed to provide students with an understanding of basic safety standards, governmental and industry regulations, and individual responsibilities in workplace safety and health practices. Content focuses on identifying common safety hazards and minimizing or avoiding unsafe practices. **Proof of insurance is required.**

Stackable Credential: OSHA 10 Hour

13001G1000 - Introduction to Manufacturing (1 period, full-year course)

(Grade 10)

1 Credit

Description: A one-credit course designed to provide students with the fundamental knowledge and skills needed in the manufacturing industry with emphasis placed on job safety, use of manufacturing materials, primary manufacturing processes, secondary manufacturing processes, and manufacturing systems.

CRI: MSSC Certified Production Technician

17106G1001 - Direct Current (1st semester)

(Grades 10-11)

1 Credit

Description: A one-credit course designed to provide students with basic knowledge and skills in the electrical industry. Emphasis is placed on basic circuitry, measuring and calculating electrical quantities, characteristics of resistors, circuit construction, and troubleshooting

CRI: ETA Student Electronics Technician; ETA Basic DC

17106G1002 - Alternating Current (2nd semester)

(Grades 10-11)

1 Credit

Description: A one-credit course that addresses principles and concepts of magnetism, measuring electrical quantities, calculating electrical quantities using Ohm's law in alternating current circuits, and reactive circuits.

CRI: ETA Student Electronics Technician; ETA Basic AC

20101G1033 - Electronics and Control Systems (1 period, full-year course)

(Grades 11-12)

1 Credit

Description: A one-credit course that provides instruction and experiences in electronic circuitry, emphasizing relays, sensors, variable frequency drives, and programmable logic controllers. This course may be taken in the Robotics and Automated Manufacturing program.

CRI: ETA Student Electronics Technician; ETA Basic AC

ARTS/AV COMMUNICATION

Television Production provides students with a basic overview of television production skills and professions. Students participate in classroom and laboratory activities regarding all aspects of television performance, production, and operations. Students are also exposed to a variety of real-world learning opportunities through laboratory experiences in photography and editing. Students perform specialized roles in a regularly scheduled television program to include Television Production—Writing, Producing, and Performing, and Television Production—Studio Operations. The Career Technical student organization for students in all Technical courses is **SkillsUSA**.

11990G1001 - Foundation of Arts, Audio-Video Technology and Communication

(Grades 10-11)

1 credit

A one-credit course designed to introduce students to the area of Television Production. ***Prerequisite: Students must have the Arts/AV Communication pathway on their 4-year plan and a minimum overall 80 average in their English courses.***

11051G1015 - Introduction to Television Production

(Grades 10-12)

1 credit

This course provides students with knowledge of television production skills and operations. Students participate in classroom and laboratory experiences in television performance, production, and operations. *Prerequisite: Students must have a minimum overall 80 average in their English courses.*

11051G1045 - Television Production - Photography and Editing

(Grades 11-12)

1 credit

This course provides students with a variety of real-world learning opportunities through laboratory experiences in photography and editing for television productions. The prerequisite for this course is Introduction to Television Production. A school-based television studio is required for this course.

Prerequisite: Introduction to Television Production and must have a minimum overall 80 average in their English courses.

11051G1055 - Advanced Television Production

(Grades 11-12)

1 credit

A one-credit course that provides students with opportunities to create and market video productions. The prerequisite courses for Advanced Television Production are Introduction to Television Production and a minimum of one additional Television Production course which includes Television Production—Writing, Producing, and Performing; Television Production—Studio Operations; or Television Production—Photography and Editing. A school-based television studio is required for this course. *Prerequisite: Introduction to Television Production and a minimum of one additional Television Production course.*

11197G1002 - CTE Lab in Arts, AV Television, and Communication

(Grades 11-12)

1 credit

This one-credit course is an extended laboratory experience to address the advancement and specialization of careers within Arts, AV Television, and Communication through individualized or small group instruction. This course allows students to enhance the essential and intermediate skills learned through program courses within the career cluster and prepare for industry credentialing opportunities. *Prerequisite: Foundation of Arts, Audio-Video Technology and Communication and a minimum of two additional Television Production courses.*

11197G1001 - Senior Career Pathway Project - Arts, A/V Tech, and Communication

(Grades 12)

1 credit

A one-credit course designed for students who have completed a minimum of two career and technical education courses to select an area of interest; engage in in-depth exploration of the area; employ problem-solving, decision-making, and independent learning skills; and present a culminating pathway project before a selected audience. ***Prerequisite: Foundation of Arts, Audio-Video Technology and Communication and a minimum of three additional Television Production courses.***

HEALTH SCIENCE

The optional Career Technical student organization for students in Healthcare classes is **HOSA: Future Health Professionals**. **The fee is \$20.**

14002G1001- Foundations of Health Science

(Grade 10-11)

1 credit

This course provides students with the content knowledge for all subsequent health science courses and is therefore the **REQUIRED** first course. Key concepts are 1) academic foundations; 2) communication; 3) employability skills; 4) legal responsibilities; 5) ethics; 6) teamwork; 7) health systems theory and change; 8) safety, and 9) diversity. Skills and leadership potential are also developed through participation in HOSA. **The purchase of scrubs and proof of insurance are required.** ***Prerequisite: A student may not sign up for this course unless it is listed on his/her four year plan. Priority will be given to incoming sophomore students for class enrollment.***

14099G1000- Therapeutic Services

(Grade 10-11)

1 credit

This course is designed to introduce students to two specialized areas of healthcare. Continued application of content standards with skill performance and legal/ethical awareness is provided. Continued participation in HOSA is developed also. **The purchase of scrubs and proof of insurance are required.** ***Prerequisite: Foundations of Health Science.***

14999G1000- CTE Lab in Health Science - Medical Assisting

(Grade 12)

1 credit

This one credit course is for students who want to earn the medical assisting credential. A 3.0 GPA and recommendation is required to be enrolled in this class. **The purchase of scrubs and proof of insurance are required.** ***Prerequisite: Foundations and Therapeutic Services.***

14298G1000- Health Science Internship

(Grade 12)

1 credit

This is an accelerated program of study. It is an internship course offered to students who have completed a clinical major and have a health career objective leading to immediate employment or post-secondary study. Clinical assignments comprise at least 60 percent of the health science internship course. Course content, delivered primarily through individualized study, includes career-related skills, healthcare systems, communication, emergency skills, and pharmacology. Internships focus on specific healthcare professions. Apprenticeships will be available to senior students based on availability and interest. **This course will be taught for one period for the first and second semesters and requires students to have their own transportation.** The fee for this course is \$16.00 and covers the student's liability insurance. The purchase of scrubs and proof of health insurance are required. *Pre-requisites: Foundations of Health Science and Therapeutic Services or Sports Medicine.*

14298G2000- Health Science Internship

(Grade 12)

2 credits

This is an accelerated program of study. It is an internship course offered to students who have completed a clinical major and have a health career objective leading to immediate employment or post-secondary study. Clinical assignments comprise at least 60 percent of the health science internship course. Course content, delivered primarily through individualized study, includes career-related skills, healthcare systems, communication, emergency skills, and pharmacology. Internships focus on specific healthcare professions. Apprenticeships will be available to senior students based on availability and interest. **This course will be taught for two consecutive periods for the first and second semesters and requires students to have their own transportation.** The fee for this course is \$16.00 and covers the student's liability insurance. The purchase of scrubs and proof of health insurance are required. *Pre-requisites: Foundations of Health Science and Therapeutic Services or Sports Medicine.*

14062G1001- Sports Medicine Intermediate

(Grades 11 and 12)

1 credit

This is a one credit course that teaches fundamental skills to include therapeutic exercise regimens within the field of sports medicine. Students will explore the study of sports medicine and the relationship to risk management and injury prevention. Students will demonstrate an understanding of anatomy and physiology, with emphasis on the musculoskeletal system. The importance of health promotion, wellness, injury and disease prevention will be emphasized. Students will examine sports medicine facilities, policies, procedures, and protocols utilized in patient care. Students will also engage in out of classroom experiences with Central High School athletics to accumulate approximately 100 hours of observation. Reliable transportation is **REQUIRED** for this course. **Note: There is a \$30 fee for Sports Medicine. Polo/t-shirt, khakis (professional attire) and proof of insurance are required. Prerequisite: Foundations of Health Science.**

14062G1002- Sports Medicine Advanced

(Grade 12)

1 credit

This is a one credit course with strong emphasis on musculoskeletal injuries as well as the psychological and sociological responses to injuries and illnesses. Students will demonstrate critical thinking skills, patient care skills related to prevention, rehabilitation, and management, and communicate appropriate outcomes through oral and written communication. Course content will include an understanding of basic pathophysiology, kinesiology, and principles of treatment. An analysis of a variety of health situations involved in the sports medicine pathway will be conducted through project based learning, laboratory, simulation, and clinical experiences. Students will engage in out of classroom clinical experiences with Central High School athletics for an approximate total of 100 hours. Reliable transportation is REQUIRED for this course. There is a \$30 fee for Sports Medicine. Polo/t-shirt, khakis (professional attire) and proof of insurance are required. ***Prerequisite: Sports Medicine Intermediate.***

14055G1000 - Emergency Services and Management

(Grade 11)

1 credit

In Emergency Services and Management, students prepare for careers in the emergency management field. Students will learn about the integration of all public safety functions into the process of managing major natural and man-made disasters. Students will be introduced to the National Incident Management Systems and practice emergency communications among professionals and between professionals and the public to ensure effective handling of emergency events. **The purchase of scrubs and proof of insurance are required. *Prerequisite: Foundations of Health Sciences.***

TECHNICAL COURSES

The Career Technical student organization for students in all Technical courses is **SkillsUSA**.

AUTOMOTIVE SERVICE TECHNOLOGY

Students are required to bring work coveralls and safety toe oil resistant non slip sole shoes/boots. A proof of insurance is needed at the beginning of each course. All Automotive classes are 2 periods long.

20104G1001- Maintenance and Light Repair A (Auto 1)

(Grades 10-12)

(1st Year, 1st Semester)

Maintenance and Light Repair (MLR) A is a one-credit course that provides students with a foundational knowledge and skills regarding Safety, Engine Repair, Automatic Transmission, and Manual Drive Trains. Strong emphasis is placed on system and component operations. Upon successful completion of the course, students are able to diagnose and repair engine performance related systems. This course incorporates all personal and environmental safety practices associated with clothing, eye protection; hand tools; power equipment; proper ventilation; and the handling, storage, and disposal of chemicals and materials in accordance with local, state, and federal safety and environmental regulations.

20104G1002- Maintenance and Light Repair B (Auto 2)

(Grades 10-12)

(1st Year, 2nd Semester)

Maintenance and Light Repair (MLR) B is a one-credit course that provides students with a foundational knowledge and skills regarding Safety, Suspension & Steering and Brakes. Strong emphasis is placed on system and component operations. Upon successful completion of the course, students are able to diagnose and repair engine performance related systems. This course incorporates all personal and environmental safety practices associated with clothing, eye protection; hand tools; power equipment; proper ventilation; and the handling, storage, and disposal of chemicals and materials in accordance with local, state, and federal safety and environmental regulations.

Prerequisite: Maintenance and Light Repair A.

20104G1003- Maintenance and Light Repair C (Auto 3)

(Grades 11-12)

(2nd Year, 1st Semester)

Maintenance and Light Repair (MLR) C is a one-credit course that provides students with a foundational knowledge and skills regarding safety, brakes, and electrical/electronic systems. Upon successful completion of the course, students are able to diagnose and repair engine performance related systems. This course incorporates all personal and environmental safety practices associated with clothing, eye protection; hand tools; power equipment; proper ventilation; and the handling, storage, and disposal of chemicals and materials in accordance with local, state, and federal safety and

environmental regulations. *Prerequisite: Maintenance and Light Repair B with a grade of 60 % or better.*

20104G1004- Maintenance and Light Repair D (Auto 4)

(Grades 11-12)

(2nd Year, 2nd Semester)

Maintenance and Light Repair (MLR) D is a one-credit course that provides students with a foundational knowledge and skills regarding safety, engine performance, electrical/electronics, and heating and air conditioning. Upon successful completion of the course, students are able to diagnose and repair engine performance related systems. This course incorporates all personal and environmental safety practices associated with clothing, eye protection; hand tools; power equipment; proper ventilation; and the handling, storage, and disposal of chemicals and materials in accordance with local, state, and federal safety and environmental regulations. *Prerequisite: Maintenance and Light Repair C*

20104G1005- Automotive Service Technology A (Auto 5)

(Grades 12)

(3rd Year, 1st Semester)

Automotive Service Technology (AST) A is a one-credit course that provides students with service knowledge and skills regarding safety, engine repair, automatic transmission, and manual drive trains. Upon successful completion of the course, students are able to diagnose and repair engine performance related systems. This course incorporates all personal and environmental safety practices associated with clothing, eye protection; hand tools; power equipment; proper ventilation; and the handling, storage, and disposal of chemicals and materials in accordance with local, state, and federal safety and environmental regulations. *Prerequisite: Maintenance and Light Repair D with a grade of 60 % or better.*

20104G1006- Automotive Service Technology B (Auto 6)

(Grades 12)

(3rd Year, 2nd Semester)

Automotive Service Technology (AST) B is a one-credit course that provides students with service knowledge and skills regarding safety, suspension & steering and brakes. Upon successful completion of the course, students are able to diagnose and repair engine performance related systems. This course incorporates all personal and environmental safety practices associated with clothing, eye protection; hand tools; power equipment; proper ventilation; and the handling, storage, and disposal of chemicals and materials in accordance with local, state, and federal safety and environmental regulations.

Prerequisite: Automotive Service Technology A.

All of the courses in the Architecture and Construction Cluster require you to sign up for the 1st and 2nd semester course. Credit will be issued each semester for each course that is completed successfully. Proof of insurance or purchase of school day insurance is required.

CARPENTRY

17002G1001- Architecture, Construction, and Manufacturing for Carpentry

(Grades 10-12)

(1st Year, 1st Semester)

This is a one credit course that introduces students to core knowledge and skills in the areas of design, preconstruction, construction, maintenance, operations, and installation and repair which are foundational to courses related to careers in the architecture, construction, and manufacturing industries. **Proof of insurance is required.**

17002G1000- NCCER Carpentry 1

(Grades 10-12)

(1st Year, 2nd Semester)

This is the first of 3 required one-credit courses in the Carpentry pathway. It is designed to complete all core requirements for NCCER Core credentialing and to provide students with fundamental knowledge and skills emphasizing use of hand and power tools, building materials, fasteners, adhesives, and flooring systems needed for NCCER Carpentry Level I Credentialing. **Proof of insurance is required.**

17004G1000- NCCER Carpentry 2

(Grades 10-12)

(2nd Year, 1st Semester)

A one-credit course designed to provide students with advanced knowledge and skills emphasizing floor wall, ceiling, and basic construction layout needed for NCCER Carpentry Level I Credentialing. **Proof of insurance is required. Prerequisite: Completion of Architecture, Construction, and Manufacturing and Carpentry 1 with a grade of 60% or better.**

17011G1000- NCCER Carpentry 3

(Grades 10-12)

(2nd Year, 2nd Semester)

A one-credit course designed to provide students with advanced knowledge, skills and practice emphasizing wall, ceiling, and roof framing, windows, entrance doors, and stair layout needed for NCCER Carpentry Level I Credentialing. **Proof of insurance is required. Prerequisite: Carpentry 2.**

17047G1000 - Senior Career Pathway Project

(Grade 12)

A one-credit course designed for students who have completed a minimum of two career and technical education courses in a specific pathway to select an area of interest; engage in in-depth exploration of the area; employ problem-solving, decision-making, and independent learning skills; and present a

culminating pathway project before a selected audience. Counselor approval and Career Tech teacher request required. *Prerequisite: Counselor approval and teacher recommendation required.*

MASONRY CLASSES

17002G1001- Architecture, Construction, and Manufacturing for Masonry

(Grades 10-12)

(1st Year, 1st Semester)

This is a one credit course that introduces students to core knowledge and skills in the areas of design, preconstruction, construction, maintenance, operations, and installation and repair which are foundational to courses related to careers in the architecture, construction, and manufacturing industries. **Proof of insurance is required.**

17008G1013- NCCER Masonry 1

(Grades 10-12)

(1st Year, 2nd Semester)

This is the first of 3 required one-credit courses in the Masonry pathway. It is designed to complete all core requirements for NCCER Core credentialing and to provide students with fundamental knowledge and skills emphasizing safety, tools, measuring, blueprint reading and layout, and basic block and brick construction techniques leading to NCCER Masonry Level I Credentialing. **Proof of insurance is required.**

17008G1023- NCCER Masonry 2

(Grades 11-12)

(2nd Year, 1st semester)

This is the second of 3 required one-credit courses in the Masonry pathway. It is designed to provide students with practice and skills development emphasizing safety, applications and intermediate block and brick construction techniques leading to NCCER Masonry Level I Credentialing. **Proof of insurance is required. Prerequisites: Architecture, Construction, Manufacturing, and Masonry I with a grade of 60 % or better.**

17008G1033- NCCER Masonry 3

(Grades 10-12)

(2nd Year, 2nd Semester)

This is the third of 3 required one-credit courses in the Masonry pathway. It is designed to provide students with practice and skills development emphasizing safety, applications and advanced block and brick construction techniques leading to NCCER Masonry Level I Credentialing. **Proof of insurance is required. Prerequisite: Masonry 2.**

17047G1000 - Senior Career Pathway Project

(Grade 12)

A one-credit course designed for students who have completed a minimum of two career and technical education courses in a specific pathway to select an area of interest; engage in in-depth exploration of the area; employ problem-solving, decision-making, and independent learning skills; and present a culminating pathway project before a selected audience. Counselor approval and Career Tech teacher request required. ***Prerequisite: Counselor approval and teacher recommendation required.***

WELDING

17002G1001- Architecture, Construction, and Manufacturing for Welding

(Grades 10-12)

(1st Year, 1st Semester)

This is a one credit course that introduces students to core knowledge and skills in the areas of design, preconstruction, construction, maintenance, operations, and installation and repair which are foundational to courses related to careers in the architecture, construction, and manufacturing industries. **Proof of insurance is required.**

13207G1014- NCCER Welding 1

(Grades 10-12)

(1st Year, 2nd Semester)

This is the first of 4 required one-credit courses in the Welding Technologies Pathway. It is designed to complete all core requirements for NCCER Core credentialing and to provide students with fundamental knowledge and skills emphasizing use of hand tools, power tools, welding theory and practice for use in the manufacturing and construction industry. This entry-level course is required for NCCER Welding Level I. **Proof of insurance is required.**

13207G1024- NCCER Welding 2

(Grades 10-12)

(2nd Year, 1st Semester)

This is the second of 4 required one-credit courses in the welding Technologies pathway. Topics include: basic shielded metal arc welding, blueprint reading, weld symbols and joint identification and print reading. Emphasis is placed on fundamental knowledge guided practice and NCCER Welding Level I requirements. **Proof of insurance is required. Prerequisites: Architecture, Construction, Manufacturing, and Welding I with a grade of 60 % or better.**

13207G1034- NCCER Welding 3

(Grades 10-12)

(2nd Year, 2nd Semester)

This is the third of 4 required one-credit courses in the Welding Technologies pathway. It is designed to provide students with theory, practice, and skills development. Emphasis is placed on the application and operation of shielded metal arc welding (SMAW) equipment in the vertical, 3-F and overhead, 4-F positions leading to NCCER Welding Level I Credentialing. **Proof of insurance is required. Prerequisite: Welding 2.**

Proof of insurance is required. Prerequisites: Gas Metal Arc Welding (GMAW).

13207G1044 – NCCER Welding 4

(Grade 12)

(3rd Year, 1st Semester)

This is the fourth of 4 required one-credit courses in the Welding Technologies pathway. It is designed to provide students with additional practice and skills development. Emphasis is placed on the application and operation of shielded metal arc welding (SMAW) equipment and mastery in the vertical, 3-F and overhead, 4-F positions leading to NCCER Welding Level I Credentialing and AWS Plate Certification. **Proof of insurance is required. Prerequisite: Welding 3.**

17047G1000 - Senior Career Pathway Project

(Grade 12)

(3rd Year, 2nd Semester)

A one-credit course designed for students who have completed a minimum of two career and technical education courses in a specific pathway to select an area of interest; engage in in-depth exploration of the area; employ problem-solving, decision-making, and independent learning skills; and present a culminating pathway project before a selected audience. Counselor approval and Career Tech teacher request required. **Prerequisite: Counselor approval and teacher recommendation required.**

HEATING, VENTILATION, AIR CONDITIONING, & REFRIGERATION (HVAC/R)

****The five courses below comprise the Central High School dual enrollment HVAC program. The courses must be taken in order, with collegiate and high school credit being awarded at the end of each nine weeks. When a student registers for the first course, they are registering for all four courses and must remain in the program all year (unless a prerequisite is not met).**

(Course #1)

22999C1003 - Dual Enrollment WKO 110 (NCCER Core)

(Grade 10-12)

(1st 9 weeks)

1 high school credit; 3 collegiate credit hours

This course is designed to provide students with knowledge and skills related to multi-craft technicians in a variety of fields. Information in this course is based on the National Center for Construction Education and Research (NCCER) core curriculum and prepares students to test for the NCCER credential.

Requirements for Enrollment: minimum overall GPA of 2.5 or higher; student must register as a CVCC student through CHS; achieve the minimum required score on the ACCUPLACER test established by CVCC; attendance at a parent and student parent meeting (time and date TBD); consistent classroom behavior associated with academic success.

(Course #2)

17099C1001 - Dual Enrollment ACR111 (Principles of Refrigeration)

(Grade 10-12)

(2nd 9 weeks)

1 high school credit; 3 collegiate credit hours

This course emphasizes the fundamental principles for air conditioning and refrigeration. Instruction is provided in the theory and principles of refrigeration and heat transfer, HVAC/R system components, common, and specialty tools for HVAC/R, and application of the concepts of basic compression refrigeration. Upon completion, students should identify system components and understand their functions, identify and use common and specialty HVAC/R tools, and maintain components of a basic compression refrigeration system.

Requirements for Enrollment: minimum overall GPA of 2.5 or higher; student must register as a CVCC student through CHS; achieve the minimum required score on the ACCUPLACER test established by CVCC; attendance at a parent and student parent meeting (time and date TBD); consistent classroom behavior associated with academic success; proof of insurance.

(Course #3)

17099C1006 - Dual Enrollment ACR 121 (Principles of Electricity for HVACR)

(Grade 10-12)

(3rd 9 weeks) 1 high school credit; 3 collegiate credit hours

This course is designed to provide the student with the basic knowledge of electrical theory and circuitry as it pertains to air conditioning and refrigeration. This course emphasizes safety, definitions, symbols, laws, circuits, and electrical test instruments. Upon completion students should understand and be able to apply the basic principles of HVACR circuits and circuit components. This is a CORE course.

Requirements for Enrollment: minimum overall GPA of 2.5 or higher; student must register as a CVCC student through CHS; achieve the minimum required score on the ACCUPLACER test established by CVCC; attendance at a parent and student parent meeting (time and date TBD); consistent classroom behavior associated with academic success; proof of insurance.

(Course #4)

17099C1005 - Dual Enrollment ACR120 (Fundamentals of Electric Heat Systems)

(Grade 10-12)

(4th 9 weeks) 1 high school credit; 3 collegiate credit hours

This course covers the fundamentals of electric furnace systems. Emphasis is placed on components, general service procedures, and basic installation. Upon completion, students should be able to install and service electric furnaces, heat pumps, and solar and hydronics systems.

Requirements for Enrollment: minimum overall GPA of 2.5 or higher; student must register as a CVCC student through CHS; achieve the minimum required score on the ACCUPLACER test established by CVCC; attendance at a parent and student parent meeting (time and date TBD); consistent classroom behavior associated with academic success; proof of insurance.

Students currently enrolled in HVAC/R Courses 1 – 4 will be enrolled in Year 2 HVAC/R courses.

COSMETOLOGY

Students are required to wear closed toe shoes while in the Cosmetology lab. Students must purchase a T-Shirt which will be the required salon uniform. T-Shirts are \$20. In order for a student to obtain the hours/courses necessary to qualify to take the license exam for cosmetology (CRI) the student must have 11 specific courses on his/her transcript.

19104G1000- Introduction to Cosmetology

(Grades 10-11)

(First Year, 1st Semester)

Introduction to Cosmetology provides students with a study of concepts related to the Cosmetology profession. Specific topics include Cosmetology, History and Opportunities, Professional Image, Infection Control, Basic Fundamentals, and Principles of Hair Design. Students also gain initial practical experience in sanitation, shampooing, hair shaping, and hairstyling. Upon successful completion of this course, students are able to practice safety and sanitary precautions as they perform basic procedures. Introduction to Cosmetology is the prerequisite to Chemical Services, Hair Coloring, Introduction to Spa Techniques, Advanced Spa Technique Applications, Salon Practices and Management, and State Board Practicum. Students participate in SkillsUSA as an integral part of this instructional program. **This course will be taught for two consecutive periods during first semester.** Students must pay the \$70.00 fee at registration. This fee covers the cost of the mannequin and consumable supplies students will use in the course.

19103G1002- Chemical Services

(Grades 10-11)

(First Year, 2nd Semester)

Chemical Service is a one-credit course that focuses on the theory of chemical services related to chemical hair texturing. Specific topics include basics of chemistry and electricity, Properties of the Hair and Scalp, and Chemical Texture Services. Students also gain initial practical experience in performing various chemical texturing activities. Emphasis is placed on safety, chemical use and handling, hair and scalp analysis, and client consultation. Upon successful completion of this course, students are able to practice safety and sanitary precautions as they perform these chemical services. Students participate in SkillsUSA as an integral part of this instructional program. **This course will be taught for two consecutive periods during second semester.** *Prerequisites: Introduction to Cosmetology.*

19107G1001- Introduction to Spa Techniques

(Grades 11-12)

(2nd Year-1st semester)

Introduction to Spa Techniques is a one credit course that focuses on the structure and function of various systems of the body, massage techniques, skin care, and hair removal. Upon successful completion of this course, students are able to assemble sanitized materials, follow procedures for product application, recognize skin disorders, and demonstrate facial massage movements and hair removal. Safety and sanitary precautions are emphasized in the performance of these services.

Students participate in SkillsUSA as an integral part of this instructional program. **This course will be taught for two consecutive periods during first semester.** Students must pay the \$70.00 fee at registration. This fee covers the cost of the mannequin and consumable supplies students will use in the course. Second year students will also be required to purchase a uniform at a cost of approximately \$35.00. *Prerequisites: Chemical Services.*

19103G1001- Hair Coloring and Lightening

(Grades 11-12)

(2nd Year, 2nd Semester)

Hair Coloring is a one-credit course that provides students with study and experience in hair coloring and lightening. Emphasis is placed on color application, laws, levels and classifications of color, and problem solving. Upon successful completion of this course, students are able to identify all phases of hair coloring and effects upon the hair and perform procedures for hair coloring and lightening. Problem-solving and critical thinking skills are essentials, and many opportunities are provided for growth in students' level of competence. Students participate in SkillsUSA as an integral part of this instructional program. **This course will be taught for two consecutive periods during second semester.** *Prerequisites: Introduction to Spa Techniques.*

19107G1003- Salon Practices & Management

(Grade 12)

(3rd Year, 1st Semester)

Salon Practices and Management is a one-credit course that helps students develop entry-level management skills for the Cosmetology industry. Students practice all phases of Cosmetology in a salon setting. Upon successful completion of this course, students are able to demonstrate professional work ethics and communication skills, job seeking and management skills and exhibit knowledge of the technology used in salons. Students participate in SkillsUSA as an integral part of this instructional program. **This course will be taught for two consecutive periods during first semester.** Students must pay the \$90.00 fee at registration. This fee covers the cost of the mannequin and consumable supplies students will use in the course and pay for the state board practicum. Second year students will also be required to purchase a uniform at a cost of approximately \$35.00. *Prerequisites: Hair Coloring and Lightening.*

19105G1001- Introduction to Nail Care and Application

A one-credit course designed to focus on all aspects of the nail care industry. Emphasis is placed on nail care history and opportunities, nail and skin services, sanitation and bacteriology, and salon conduct. This course is a prerequisite for Nail Art and Applications and State Board Practicum. **This course will be DURING SUMMER SCHOOL. Students must pay the \$75.00 fee at registration. This fee covers the cost of the supplies students will use in the course and pay for the Nail Kit and Nail Trainer Hand for practice .**

19105G1002- Nail Art and Applications

A one-credit course designed to provide students with a study and experiences in advanced nail techniques. Students apply procedures and techniques for nail sculpturing and nail art. This course is a

prerequisite for State Board Practicum. **This course will be taught DURING SUMMER SCHOOL. Students must pay the \$75.00 fee at registration. Prerequisites: Introduction to Nail Care and Application. This fee covers the cost of the supplies students will use in the course and pay for Acrylic Nail Kit supplies.**

19147G1003- CTE Lab in Cosmetology

(Grade 12)

(3rd Year, 1st Semester)

CTE Lab in Cosmetology is a one-credit course with an extended laboratory experience to address the advancement and specialization of careers within Cosmetology through individualized or small group instruction. This course allows students to enhance the essential and intermediate skills learned through program courses within the career cluster and prepare for industry credentialing opportunities.

Students participate in SkillsUSA as an integral part of this instructional program. **This course will be taught for two consecutive periods during first semester.** Students must pay the \$90.00 fee at registration. This fee covers the cost of the mannequin and consumable supplies students will use in the course and pay for the state board practicum. *Prerequisites: Salon Practices and Management.*

19107G1002- Advanced Spa Techniques Applications

(Grade 12)

(3rd Year -2nd semester)

Advanced Spa Techniques Applications is a one credit course that provides students with study and experience in advanced hair removal, cosmetic applications, skin care and massage techniques. Upon successful completion of this course, students are able to practice safety and sanitary precautions as they apply to the performance of advanced techniques and applications. Students participate in SkillsUSA as an integral part of this instructional program. **This course will be taught for two consecutive periods during second semester.** *Prerequisites: Salon Practices & Management or CTE Lab in Cosmetology.*

19149G1000- State Board Practicum

(Grade 12)

(3RD Year - 1st or 2nd semester)

State Board Practicum is a one credit culminating course that provides students with a comprehensive study of State Board procedures and practical applications in Cosmetology and nail care. The course consists of Pathway A-Cosmetology (content standard 1-17) and Pathway B Nail Care Services (content standards 1-11 and 18-20). Upon successful completion of this course students are able to demonstrate practical skills necessary for meeting state and licensure requirements and for successful employment. Students participate in SkillsUSA as an integral part of this instructional program. **This course will be taught for two consecutive periods during one semester.** *Prerequisites: Salon Practices & Management or CTE Lab in Cosmetology.*

19147G1001- Senior Career Pathway Project - Human Services, Cosmetology

(Grade 12)

(3RD Year - 1st or 2nd semester)

A one-credit culminating course designed for students who have completed a minimum of two career and technical education courses to select an area of interest; engage in in-depth exploration of the area; employ problem-solving, decision-making, and independent learning skills; and present a culminating pathway project before a selected audience. **This course will be taught for two consecutive periods during one semester.** *Prerequisites: Salon Practices & Management or CTE Lab in Cosmetology.*

TECHNICAL ENDORSEMENT/ ARTICULATION INFORMATION

The Technical Endorsement is intended primarily to raise the academic expectations and performance of all students, but especially for those students who might previously not have considered continuing their education after high school. Although the Technical Endorsement runs parallel to the Advanced Endorsement, it has a broader scope in that its goal is to prepare students for any of three specific options after high school:

- Entrance into a two-year community college or technical college;
- Entrance into a four-year postsecondary school after completion of two years at a community or technical college;
- Entrance directly into the workforce with advanced technical skills.

Besides enhanced skills and greater academic achievement, perhaps the greatest benefit to be derived from the Technical Endorsement is advanced placement at the postsecondary level. Articulation agreements with Chattahoochee Valley Community College, Columbus Technical Institute, Southern Union State Community College, Sparks State Technical College and Alabama Aviation and Technical College will give students college credit for skills mastered in specific training areas while at CHS.

Articulation is not automatic. Criteria were established to add uniformity and to maintain the integrity of the articulation process. In order to receive articulated college credit, a student must meet the following criteria:

- Earn a Technical Endorsement, which indicates having completed a specific course of study,
- Receive a recommendation from technical skills area teacher at CHS,
- Present a Request for Articulation Credit form signed by both the school counselor and the technical skills area teacher, attesting to the student's proficiency,
- Provide a copy of the skills area Document of Evidence,
- Have maintained an 80 average or above in the technical skills area course(s),
- Be admitted unconditionally as a student at the post-secondary institution,
- Meet validation requirements, as necessary, for specific courses,
- Complete one term's work at the postsecondary institution before having the articulated credit (but not letter grade) entered on the transcript, and

- Use the articulated credit within a specified period of time (e.g., must start postsecondary courses within two years after high school graduation and complete the postsecondary program within five years or other time frame set in the articulation agreement)

ACCESS COURSE OFFERINGS



ACCESS Web Based Instruction (WBI) Courses Available Fall 2022 - Spring 2023

Courses for 9th - 12th Grades

ENGLISH	
English 9*	(1) CR
English 10*	(1) CR
English 11*	(1) CR
English 12*	(1) CR
AP English Language/Composition	(1) SM
AP English Literature/Composition	(1) SM

SOCIAL STUDIES	
World History: 1500 to Present (9th)	(1) CR
United States History I (10th)	(1) CR
United States History II (11th)	(1) CR
Economics	(½) CR
United States Government	(½) CR
AP United States History	(1) SM
AP Macroeconomics (½)	(½)
AP U.S. Government and Politics	(½)

SCIENCE	
Biology	(1) CR
Physical Science	(1) CR
Chemistry	(1) CR
Physics	(1)
Environmental Science	(1) CR
Human Anatomy and Physiology	(1) CR
AP Biology	(1) SM

New or Updated Courses for 2022 - 2023 School Year!
 Please visit the ACCESS Course Catalog for the course code and additional course information. The Alabama state course codes found in AIM and / or Schoology may not be the same code that is used for the ACCESS taught courses. Contact your support center for additional information or assistance.

MATHEMATICS	
Algebra I with Probability	(1) CR
Geometry with Data Analysis	(1) CR
Algebra II w/Statistics	(1) CR
Algebra with Finance	(1) CR
Precalculus	(1)
Applications of Finite Mathematics	(1) CR
Mathematical Modeling	(1) CR
AP Calculus AB	(1) * SM
AP Statistics	(1) * SM

FOREIGN LANGUAGES	
French I	(1)
French II	(1)
French III	(1)
German I	(1)
German II	(1)
German III	(1)
Latin I	(1)
Latin II	(1)
Latin III	(1)
Spanish I	(1)
Spanish II	(1)
Spanish III	(1)
Spanish IV	(1)
Mandarin Chinese I	(1)
Mandarin Chinese II	(1)

PHYSICAL EDUCATION & HEALTH	
Health Education	(½)
Beginning Kinesiology	(1)

* Updated COS

ELECTIVES	
Accounting	(1)
Business Software Applications (formerly Business Technology Applications)*	(1)
Career Mathematics	(1) CR
Career Preparedness A & B	(½ each)
Career Preparedness	(1)
Computer Programming I	(1)*
Content Textual Reading	(½)
Creative Writing	(1)
Forestry (2020 COS)	(1)
Global Studies	(1)
Journalism	(½)
Marine Science	(1)
Multicultural Workplaces: Korean	(½)
Nutrition and Wellness	(½)
Personal Finance	(½)
Psychology	(½)
Sociology	(½)
Web Development	(1)
Web Design II	(1) SM
Workforce Readiness (formerly - Workforce Essentials)*	(1)
AP Psychology	(1) SM
AP Computer Science A	(1) * SM
AP Art History	(1)
Introduction to Digital Literacy & Computer Science	(1) * SM
Forensic Science & Criminal Investigation (2020 COS)	(1) CR

ARTS	
Dance, Elements of Art Literacy	(½)
Music, Elements of Art Literacy	(½)
Theatre, Elements of Art Literacy	(½)
Visual Arts, Elements of Art Literacy	(½)
Introduction to Theatre I	(1)

CR-- Available in Credit Recovery Mode

The number in the () is recommended credit

* - Because this course requires specific software downloads and/or Java, it is not suitable for Chromebooks and other mobile devices.

SM - This course requires supplementary materials (school's responsibility).

Videoconferencing Instruction (VCI) Courses

ACCESS Virtual Learning offers a variety of courses that are taught using the VCI method of delivery. Go to accessdl.state.al.us for more information.