

CENTRAL HIGH SCHOOL OF MCMINN COUNTY

2017 - 2018

COURSE DESCRIPTIONS



Home of the Chargers
“The proudest school in the State of Tennessee”

Central High School of McMinn County

Dr. Lori Hutchinson – Principal

Mr. Jeff Gilbert – Assistant Principal

Mr. Doug Armstrong – Assistant Principal /Athletic Director

Ms. Anita Scruggs – Director of Guidance

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The Following Graduation Requirements Must Be Met:

Credit requirements to graduate: 22

English - 4 Credits:

- English I 1 Credit (Honors)
- English II 1 Credit (Honors)
- English III 1 Credit (Honors, AP Language and Composition)
- English IV 1 Credit (Honors, AP English Literature & Composition, Dual Enrollment)

Math - 4 Credits including Algebra I, II, Geometry, and a fourth higher level math course:

- Algebra I 1Credit (Honors, A/B)
- Geometry I 1Credit (Honors)
- Algebra II 1Credit (Honors)
- Pre-Calculus 1 Credit (Dual Enrollment I & II)
- SAILS Math 1 Credit
- AP Calculus 1 Credit
- Dual Enrollment College Alg ½ Credit
- Dual Enrollment Statistics ½ Credit
- Dual Enrollment Basic Calculus ½ Credit

Science - 3 Credits including Biology, Chemistry or Physics, and a third lab course:

- Agriscience 1 Credit
- Physical Science 1 Credit (Honors)
- Chemistry I 1 Credit (Honors)
- Chemistry II 1 Credit (Honors)
- Biology I 1 Credit (Honors)
- Biology II 1 Credit (Honors)
- Ecology 1 Credit
- Physics 1 Credit
- Anatomy & Physiology 1 Credit

Social Studies - 3 Credits including World Geography or World History, U. S. History, Economics, and Government:

- World History & Geography 1 Credit
- European History 1 Credit (AP)
- U.S. History 1 Credit (AP, Dual Enrollment))
- Psychology ½ Credit
- Economics ½ Credit
- Government ½ Credit

P.E. and Wellness - 1 ½ Credits:

- Wellness 1 Credit
- Physical Education ½ Credit (The physical education requirement may be met by substituting an equivalent time of physical activity in other areas including but not limited to marching band, cheerleading, interscholastic athletics, and school sponsored intramural athletics.)

Personal Finance – ½ Credit

Fine Art, Foreign Language, and Elective Focus - 6 Credits:

- Fine Art 1 Credit
- Foreign Language 2 Credits (2 Consecutive years of the same foreign language)
- Elective Focus 3 Credits (Students completing a CTE elective focus must complete three units in the same CTE program area or state approved program of study: science and math, humanities, fine arts, foreign language or AP/IB. Other area approved by local Board of Education.)

CORE CURRICULUM

To earn a regular high school diploma, all students must earn a minimum of 22 credits to meet The Tennessee Diploma Graduation Requirements. These students must also have satisfactory attendance & discipline record.

All students will meet the following READY CORE requirements:

<http://tennessee.gov/education/index.shtml>

TOTAL CREDITS REQUIRED: 22
ENGLISH: 4 Credits
MATH: 4 Credits Including Algebra I, II, Geometry and a fourth higher level math course
SCIENCE: 3 Credits Including Biology, Chemistry or Physics, and a third lab course
SOCIAL STUDIES: 3 Credits Including World History & Geography or AP European History, US History, Economics and Government
PHYSICAL EDUCATION AND WELLNESS: 1 ½ Credits
PERSONAL FINANCE: 1/2 Credit
FOREIGN LANGUAGE: 2 Credits FINE ARTS: 1 Credit *May be waived for students not going to a University to expand and enhance the elective focus
ELECTIVE FOCUS: 3 Credits Math and Science, Career and Technical Education, Fine Arts, Humanities, Advanced Placement (AP) or International Baccalaureate

- waiver form must be completed & approved

END OF COURSE TESTING

Students will be required to take End of Course Exams in the following subject areas: English I, II & III, Algebra I, II, & Geometry, U.S. History, Biology I, and Chemistry I. **The EOC exam grade will count 25% of the student's second semester grade.**

HONOR REQUIREMENTS

Tennessee Diploma Project – Updated information regarding the TN Diploma Project will be posted on the school website as soon as it is available from the TN Department of Education and from the McMinn Co. Board of Education.

The Valedictorian and Salutatorian will be determined by the following criteria:

- A. Graduate with honors or distinction as defined by the State**
- B. Highest grade point average**

GPA will be computed by dividing the total quality points by the total number of courses taken.

- | | |
|--------------------------|-------------------------|
| A - four quality points | D - one quality point |
| B - three quality points | F - zero quality points |
| C - two quality points | |

TYPES OF DIPLOMAS

GRADUATING WITH HONORS

Honors diplomas will be based on test scores. Students must meet all benchmarks set by ACT or equivalent score on the SAT. Any other requirements for graduating with honors will be set by the McMinn County Board of Education.

ACT BENCHMARKS

ACT's College Readiness Benchmarks are the minimum ACT test scores required for students to have a high probability of success in credit-bearing college courses—English Composition, social sciences courses, College Algebra, or Biology.

ENGLISH	18	READING	22
MATH	22	SCIENCE	23

Students are encouraged to retake the ACT to meet both the Honors and Distinction Diploma Requirements. These requirements must be met before graduation to be considered.

GRADUATING WITH DISTINCTION

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

- earn a nationally recognized industry certification
- participate in at least one of the Governor's Schools
- participate in one of the state's All State musical organizations
- be selected as a National Merit Finalist or Semi-Finalist
- attain a score of 31 or higher composite score on the ACT
- attain a score of 3 or higher on at least two advanced placement exams
- successfully complete the International Baccalaureate Diploma Program
- earn 12 or more semester hours of transcribed postsecondary credit

DUAL ENROLLMENT

A student can select (if he or she meets certain criteria set up by the McMinn County Board of Education) to register for any course offered by a post-secondary institution in which McMinn Central High School has agreed to do a dual course offering. For example: **DUAL ENROLLMENT** has been offered by McMinn Central High School and Cleveland State Community College for seniors interested in receiving both their senior English course requirement credit and their college freshman English course requirement credit simultaneously. Students who wish to apply for **DUAL ENROLLMENT** must meet both the academic standards established by McMinn Central High School and by the participating college. The college will also require a student to pay fees that coincide with the regular fees charged to a college freshman enrolled in a 3-hour course.

ADVANCED PLACEMENT COURSES

Key to the process is communicating the unique benefits of AP and inspiring students to take AP courses and exams, benefits that include opportunities to:

- Earn credit or placement for qualifying AP Exam grades
- Stand out in the admissions process
- Earn academic scholarships and awards from colleges and universities
- Experience a college-level exam
- Be prepared for college-level course work

The AP Program offers several AP Scholar Awards to recognize high school students who have demonstrated college-level achievements through AP courses and exams. Levels for these awards are as follows:

AP Scholar: Granted to students who receive scores of a 3 or higher on three or more AP exams.

AP Scholar with Honor: Granted to students who receive an average score of at least 3.25 on all AP exams taken, and scores of 3 or higher on four or more of these exams.

AP Scholar with Distinction: Granted to students who receive an average score of at least 3.25 on all AP exams taken, and scores of 3 or higher on five or more of these exams.

AP Exam Grades

The Composite Score is then converted to a grade on AP's 5 point scale:

AP GRADE QUALIFICATION

5 Extremely well qualified

4 Well qualified

3 Qualified

2 Possibly qualified

1 No recommendation

AP Exam grades of 5 are equivalent to A grades in the corresponding college course.

AP Exam grades of 4 are equivalent to grades of A-, B+, and B in college. AP Exam grades of 3 are equivalent to grades B-, C+, and C in college.

CLASS RANK & GPA

Class rank shall be determined by accumulated grade-point average from grades 9-12 through the conclusion of the senior year. All grades in all subjects will be included in the computations with the exception of any course taken in the middle grades for which those grades will be assigned a Pass/Fail. All courses are assigned the same quality point value except those courses designated as Advanced Placement and Dual Enrollment courses in the core areas.

Advanced Placement and Dual Enrollment courses will receive an additional Quality Pride point value (0.025) for a passing grade per semester. The number of AP/DE courses that receive the additional Quality Pride point (0.025) will be limited to the number of AP offerings plus four Dual Enrollment classes (12 semester hours) in the core areas that are in place when a student enters the ninth grade of high school. With the permission of the principal, students are encouraged to take additional AP/DE courses but the Quality Pride points will only be added to the original number of allocated courses. Equivalent classes offered in both Dual Enrollment Senior English and AP Senior English. A student may only take one of these offerings. Students who take an “equivalent class” as described before may substitute an AP/DE core class and receive the Quality Pride point, if they have not surpassed the original number of allocated Pride point classes. McMinn County’s official grade point average (GPA) is un-weighted for the purpose of the Hope Scholarship reporting.

The calculation of the GPA is determined by dividing the sum of the quality points by the total courses attempted. Grade point averages (GPAs) are calculated on the following graduated 4-pointscale. After the calculation of the GPA is done, any Quality Pride points that have been accumulated will be added onto the final GPA. Each semester grade (one/half of course) stands on its own for calculation of the course’s GPA. For example, a “B” in the first semester and an “A” in the second semester would receive a 3.5 GPA. However, a course receiving a full Carnegie unit offered in a block setting would be calculated using only one grade for the entire course. Credit given to all courses take in high school is counted.

IMPLEMENTATION

The Class of 2016 and beyond could receive Quality Pride points for the number of AP offerings plus four Dual Enrollment classes (12 semester hours) in the core areas that are in place at their school when a student enters the ninth grade of high school.

GRADE POINT AVERAGE & CLASS RANK

The cumulative grade point average includes grades earned in all courses taken from ninth grade through twelfth grade. The grade point average is based on a fixed quality point system with additional Quality Pride points added to the final GPA for core courses designated as Advanced Placement or Dual Enrollment.

TRANSFER STUDENTS & RANKING

A student who transfer into a McMinn County School must complete the final two semesters at the school in order to be considered for Valedictorian/Salutatorian honors. Quality Pride points will only be added to core area Advanced Placement and Dual Enrollment courses. The number of courses receiving Quality Pride points cannot exceed the number available to students in that graduating class at the receiving school.

DROP & ADD POLICY

There needs to be a policy for dropping and adding courses at the high school level for the following reasons:

1. Students should recognize each spring the importance of their course selection decisions.
2. The Master Schedule offerings are based on the number of students who register for each course.
3. Teachers will be able to teach and not lose instructional time.

BEGINNING OF YEAR DROP & ADD POLICY

1. The counseling office made a mistake, such as the wrong course number was entered in the computer.
2. The student passed the course in summer school.
3. The student needs to make up a required course, such as not having a credit in Spanish I and is in Spanish II.
4. There were conflicts in the Master Schedule, such as two requested courses are offered at the same time and/or because of lack of demand a course was eliminated from the course offerings for that year.
5. The student has decided to change his or her path.

6. Prior to the first day of school, if a student wishes to make a change, the student & parent must have a conference with guidance or the administration. An appointment must be made for this conference. These conferences will only be held during the two weeks prior to the first day of school.

DROP & ADD POLICY (AFTER THE THIRD DAY OF SCHOOL)

After the third day of school the following will be parameters for dropping or adding a course:

1. Teacher recommendation
2. Remediation
3. Graduation requirement (typically 11th & 12th graders)
4. State mandate of classroom size

*After this time, a course may only be changed at the end of the first six weeks (if there is a teacher recommendation or S-Team and there is a comparable class to substitute)

TENNESSEE SCHOLARS

Academic requirements:

- 4 English Courses (regular English and above)
- 4 Math Courses (Algebra I, II, Geometry, and one higher level class)
- 3 Science Courses (Biology I, and Chemistry I plus 1 other Lab Science (Physics preferred)
- 3 Social Studies (World History & Geography / US History / Government / Economics courses)
- 1 Business related course (example – Computer Applications)
- 1 Wellness
- 1 Fine Arts (Visual Art, General Music, Theatre Arts)
- 2 Foreign Languages (same language)
- 2 Technical Courses or 2 additional AP classes or 2 Dual Credit, Dual Enrollment, or 2 additional International Baccalaureate, or any combination of two
- ½ Personal Finance

Additional Expectations:

- 80 hours of Community Service
- Overall “C” average in all Tennessee Scholar Courses
- 95% attendance
- No out-of-school suspensions

Benefits of becoming a Tennessee Scholar: Recognition at awards programs, Medallion / Certificate

RECOMMENDED FOR STUDENTS PLANNING TO ATTEND A 2 OR 4 YEAR COLLEGE OR UNIVERSITY

1. TAKE (and retake) THE ACT EXAM

Take the ACT. Students will find an ACT application packet in the School Counseling Office or they may register online at <http://www.actstudent.org>. The ACT is offered free to juniors during the spring semester. All students are eligible to take the ACT free (one time only) by filling out a voucher. Students should ask for the ACT voucher in the counseling office.

2. COMPLETE THE FAFSA

Complete a FAFSA (college financial aid application). The FAFSA is a free application and can be found in the School Counseling Office or on the Internet at <http://www.fafsa.ed.gov>. Students should complete this free application with parental tax information after January 1st of his or her senior year. This is also the student’s application for the HOPE Scholarship.

3. INVESTIGATE SCHOLARSHIPS

See your School Counselor to discuss the available opportunities, and, search the web for additional scholarships and grants. If you are going to a 2 or 4 year school in Tennessee you may qualify for the following:

TENNESSEE HOPE SCHOLARSHIP

Students must meet the following requirements:

- Entering freshmen must have a minimum of a 21 ACT (980 SAT), exclusive of the essay and optional subject area battery tests OR
- Overall weighted minimum 3.0 grade point average (GPA)

In order to fully fund the Tennessee Promise, changes were made to the award amount for the Hope Scholarship for the Class of 2015 and beyond. For students attending a community college, the new award amount will increase from \$1,000 to \$1,500 per semester. Students attending four-year institutions will receive \$1,750 per semester as freshmen and sophomores and \$2,250 per semester as juniors and seniors.

4. NCAA CLEARINGHOUSE APPLICATION (prospective college athletes only)

Stop by the Counseling Office to request NCAA Clearinghouse Application or access it on-line www.ncaaclearinghouse.net. Students who plan to play a collegiate sport must complete this application, or they will not be eligible to continue their athletic career on the college level.

5. TENNESSEE PROMISE

Beginning with the Class of 2015, students in Tennessee may apply for the Tennessee Promise Scholarship, which will provide two years tuition-free education at a community college or technical school in Tennessee. Tennessee Promise is a last-dollar scholarship, meaning it will cover costs of tuition and mandatory fees not met from Pell, HOPE, or TSAA. As part of the program, students will be paired with a partnering organization and provided with a mentor who will support them during the college application process.

To qualify for the Tennessee Promise students must begin the application process during the fall of their 12th grade year by completing the following requirements:

- Apply to the program by November 1
- File the Free Application for Federal Student Aid (FAFSA) at www.fafsa.gov. For families who have not yet filed taxes for the prior year, estimates can be used on the FAFSA and updated once taxes have been filed.
- Attend mandatory meetings, held at local high schools, with partnering organizations.
- Complete FAFSA verification, if required by the student's institution.
- Complete 8 hours of community service for each semester they receive Tennessee Promise funding, to be completed before the start of each term. That means they must complete their first 8 hours the summer before enrolling in a community college or TCAT. Partnering organizations will assist students in finding community service opportunities in their area.
- Apply to and enroll in an eligible institution. Some partnering organizations may ask students to apply to an eligible college program by early spring. Though this deadline is not an official requirement, it is highly encouraged.

Once in the program, students must maintain satisfactory academic progress (the equivalent of a 2.0 GPA at a community college), complete 8 hours of community service before the start of each term enrolled, and file the FAFSA by February 15th every year.

Scholarship funds will be given directly to the school once his or her enrollment is confirmed. It should be emphasized that if a student does not complete all of the Tennessee Promise program requirements and meet all the deadlines, he or she will not be eligible for Tennessee Promise funding.

STUDENT SUPPORT AND SERVICES

Supplemental support and services in all academic areas are available to all students. Students who are under an IEP (Individualized Education Plan) will receive services stated in their IEP. The IEP will be developed annually through an IEP meeting consisting of the student, parent, general education teachers, student support teachers, and an administrator.

Each student support teacher will be responsible for a group of students to monitor their progress and needs in the regular classroom. Students under the 504 program will be monitored by the guidance department.

The goal of Student Support Services is to provide the needed support to all students to enable them to be successful during their high school years and prepare them for the next level of education.

COURSE DESCRIPTIONS

When selecting courses it is of the upmost importance to understand each course curriculum and requirements. While there are some courses such as electives, honors, or AP, where the student is given options, there are other courses that are mandated. These courses include those that in the Tennessee Diploma Project and the now required Charger Challenge, which is an enrichment course.

That being said, when deciding on which course to take, the selecting of either Honors and/or Advanced Placement and Dual Enrollment courses should be considered carefully. Those students interested should be willing to take more personal responsibility for participating in an accelerated and challenging learning environment. Self-motivation, parental support, and individual pursuit of educational excellence are key factors to success in these academically rigorous courses.

In addition, Advanced Placement courses include mandatory summer work (i.e. reading, research, etc.) which is due one the first day of classes for the fall semester. Failure to submit summer work in a timely manner will result in a student being referred to Guidance to drop the course.

ART

DEPARTMENT HEAD: Joyce Simpson

ART I:

Grades (9-12)

Credit: 1

Prerequisite: None

Art I is comprised of four parts: art history, art criticism, art production, and aesthetics. The purpose of the course is to increase students' awareness and appreciation of the arts, as well as students' art skills. Students will learn to critique works of art, including their own. Emphasis in this class will be on: elements & principles of design, 2-D design, drawing, history, and written & oral criticism.

ART II:

Grades (10-12)

Credit: 1

Prerequisite: Art I

Art II is structured for the intermediate art student desiring to expand his or her knowledge from Art I. In addition to concepts covered in Art I, Art II focuses on more advanced media exploration. Emphasis in this class will be placed on: drawing, painting, printmaking, 3-D design, color theory, history & oral criticism.

ART III/IV:

Grades (11-12)

Credit: 1

Prerequisites: Art I & Art II

Art III is structured for the advanced student and those considering Art as a college major or as a career. It is an in-depth course strengthening students' skills and exploration of media. Students will work independently and become self-motivated. Students are required to enter in various competitions, as well as complete a "senior" art project. All students will develop a portfolio and be encouraged to exhibit their work. Emphasis in this class will be placed on refining skills in drawing, painting, printmaking, design, history, and art career opportunities.

ART HISTORY I & II:

Grades 11-12

Credit: 1

Prerequisite: None

Art History I will be offered first semester. Content areas will cover cave paintings through Gothic. Art History II will be offered second semester. Content areas will cover Baroque through 21st century art. Emphasis will be on art movements to include painting, sculpting, printmaking, and architecture.

ENGLISH**DEPARTMENT HEAD: Cody Bull**

*4 Credits required – 1 from each level (I, II, III, IV)

Taking Honors and AP courses should be considered carefully. Those students interested should be willing to take more personal responsibility for participating in an accelerated and challenging learning environment. Self-motivation, parental support, and individual pursuit of educational excellence are key factors to success in these academically rigorous classes. In addition, AP courses require summer reading.

(NOTE: Anyone who wishes to drop A.P. classes should do so before July 1.)

In complying with Tennessee State standards, all of our students will develop skills in the following domains: logic, language, communication, writing, research, informational texts, media, and literature.

ENGLISH I:

Grade 9

Credit: 1

The Standards include Language, Communication, Writing, Research, Logic, Informational Test, Media, and Literature. This course is designed for any incoming ninth grader in language arts. An End Of Course test which counts 25% of the semester two grade is required.

HONORS ENGLISH I:

Grade 9

Credit: 1

Prerequisite: Teacher recommendation and 3.0 overall average.

The Standards include Language, Communication, Writing, Research, Logic, Informational Test, Media, and Literature. This course is designed for the student who has an above average ability and background in language arts. Vocabulary development, composition skills and advanced grammar skills will be included. Literature types studied may be a combination of any of the following: short story, drama, novel, poetry, nonfiction, and classical literature. Students who intend to take Honors English courses in 10th, 11th, or 12th grade should seriously consider taking this class. An End Of Course test which counts 25% of the semester two grade is required.

ENGLISH II:

Grade 10

Credit: 1

The Standards include Language, Communication, Writing, Research, Logic, Informational Test, Media, and Literature. This course is designed for any tenth grader in language arts. An End Of Course test which counts 25% of the semester two grade is required.

HONORS ENGLISH II:

Grade 10

Credit: 1

Prerequisite: Teacher recommendation and 3.0 overall average.

This course is designed for the college preparatory student and/or for those with above average ability and seeking a challenge in language arts study. Literature will involve a wide range of genres, from short stories to Shakespeare, as well as the study of one or more novels. Additional outside reading plus related projects may be required. Frequent writing assignments and activities along with a focus on research work will comprise the writing emphasis. Grammar

review and practice will be incorporated into the writing process as needed. An End Of Course test which counts 25% of the semester two grade is required.

ENGLISH III:

Grade 11

Credit: 1

The Standards include Language, Communication, Writing, Research, Logic, Informational Text, Media, and Literature. Periodic writing will be required. Composition at this level will place an emphasis on persuasive writing. In February all juniors will write a persuasive essay for the TCAP Writing Assessment. The goal is a proficient score: 4, 5, or 6. In addition to the Writing Assessment, an End Of Course test which counts 25% of the semester two grade is required.

HONORS ENGLISH III:

Grade 11

Credit: 1

Prerequisite: Teacher recommendation and 3.0 overall average.

This course is designed for college preparatory students who are willing to undertake additional challenging assignments in order to develop extensive language arts skills. Material studied includes samples of writing beginning with Native Americans in pre-Colonial times through the twentieth century with an emphasis placed on many different cultures. Periodic writing, independent reading, and vocabulary study are required. Composition at this level places an emphasis on persuasive and argumentative essays. Students may also be assigned long-term literature-based projects. In February all juniors will write a persuasive essay for the TCAP Writing Assessment. The goal is a proficient score: 4, 5, or 6. In addition to the Writing Assessment, an End Of Course test which counts 25% of the semester two grade is required.

AP ENGLISH LANGUAGE & COMPOSITION III:

Grade 11

Credit: 1

Prerequisites: Honors English II teacher recommendation, strong background in Language Arts (preferably "A" in Honors English II), timed writing sample, assigned summer reading and writing (required), willingness to do extra work, parent signature indicating understanding of course requirements.

An AP course in English Language and Composition engages students in becoming skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts and in becoming skilled writers who compose for a variety of purposes (taken from the College Board AP Course Description Booklet for English). This course will primarily deal with American literature. Course work will include in-class timed analytical, argumentative, and synthesis writings, multiple choice exams and writing exercises, as well as independent reading, vocabulary study, reader's journal, and long-term projects.

ENGLISH IV:

Grade 12

Credit: 1

The Standards include Language, Communication, Writing, Research, Logic, Informational Text, Media, and Literature. This course is designed to be a survey of British literature, history, and culture. In addition to reviewing certain areas of grammar and composition, periodic writing and reading assignments as well as a research paper will be included.

HONORS ENGLISH IV:

Grade 12

Credit: 1

Prerequisite: Teacher recommendation and 3.0 overall average.

The Standards include Language, Communication, Writing, Research, Logic, Informational Text, Media, and Literature. This course may include a survey of British literature, history, and culture. Outside reading may be required. In addition, each student will also write one or two research papers about some area of British literature, British history, or other approved topic.

DUAL ENROLLMENT ENGLISH:

Grade 12

Credit: 1

(Articulation agreement with Cleveland State)

Prerequisites: Cumulative 3.0 GPA and ACT score of 19 or higher for English. Comparable SAT scores are also accepted. Excellent grammar skills are needed to be successful. The student must purchase textbooks each semester. Composition I is offered first semester. Composition II is offered second semester. A minimum of 18 on the ACT in English is required.

- **Semester 1 – English 1010:** Composition I (3 college hrs. and ½ high school credit)
Students will write various types of essays: descriptive, narrative, definition, expository, rhetoric and mechanics. At a minimum, students must pass three in-class essays with a C average or higher in order to pass the course. Students must purchase current Writer's Reference and composition book.
- **Semester 2 – English 1020:** Composition II (3 college hrs. and ½ high school credit)
Critical and analytical writing based on works of literature; a documented library literary research paper is required. Students must receive at least a C on the research to pass the class. Students must purchase a literature book.

AP ENGLISH LITERATURE & COMPOSITION IV: Grades 11-12

Credit: 1

Prerequisites: 3.5 recommended overall GPA and Teacher's recommendation.

Minimum of 2 years of Honors English with A or B grades is recommended. AP English Literature & Composition is a college-level course covering various genres of American and British literature of merit from the Renaissance to the modern period. Students will read widely and reflect on their reading through extensive discussion, writing and rewriting. Emphasis will also be given to prepare for the AP test. Summer reading is required.

THEATRE ARTS:

Grades 9-12

Credit: 1

Prerequisite: None (*Drama fulfills the fine arts requirement.*)

This is a performance-based, elective English course. This class will be a basic acting class emphasizing pantomime, improvisation, voice, oral interpretation, stage movement and character analysis. There will also be a study of the history of the theater. The final part of the course will be the production of a one-act play. This course may be taken fall semester for ½ credit, but it may not be taken spring semester unless fall semester has been successfully completed that same year.

YEARBOOK:

Grades 11-12

Credit: 1

Prerequisites: Application to the class requires a 3.0 average, teacher recommendations, and no discipline problems.

This class produces the yearbook. Skills required are photography, computer, layout, design, art, and writing. Enrollment is limited. Students will also need to solicit ads from area businesses. Students wishing to work on the yearbook must be approved by Mrs. Kelley.

FOREIGN LANGUAGE

DEPARTMENT HEAD: Laura Medina

SPANISH I:

Grades 9-11

Credit: 1

** Required for graduation*

Spanish I is a graduation requirement for all students. Special emphasis of phonetics, cultural understanding, grammar, reading, writing, listening, and conversational skills in the Spanish language will lead to higher learning in Spanish II.

HONORS SPANISH I:

Grades 9-11

Credit: 1

Prerequisite: Freshmen must be enrolled in Honors English I simultaneously.

The content is the same as Spanish I. However, the pace for this course will be faster and more rigorous with expanded applications.

SPANISH II:

Grades 10-12

Credit: 1

**Required for graduation*

Spanish II is also a graduation requirement. This course is a continuation of skills from Spanish I with more complex grammar, more advanced reading assignments, advanced writing and advanced speaking, listening and conversational skills.

HONORS SPANISH II:

Grades 10-12

Credit: 1

Prerequisite: Honors Spanish I

The content is the same as Spanish II. However, the pace for this course will be faster and more rigorous with expanded applications.

HONORS SPANISH III:

Grades 11-12

Credit: 1

Prerequisites: Teacher recommendation, Spanish I and II

Spanish III is an elective course for those students who have mastered skills learned in Spanish I & II. This course uses previous skills acquired for more real life application.

HONORS SPANISH IV:

Grades: 12

Credit: 1

Prerequisites: Teacher recommendation, Spanish I, II, & III

Spanish IV is an elective course for those students who have mastered skills learned in Spanish I & II. This course uses previous skills acquired for more real life application.

****Spanish III & IV will be offered only if enough students register for the course(s) and if the course or courses can work with the master schedule.*

LIFETIME WELLNESS / DRIVER EDUCATION

DEPARTMENT HEAD: Johnny Morgan

WELLNESS:

Grade 9

Credit: 1

** Required for graduation*

This course combines concepts from both health and physical education for maintaining lifetime personal fitness, health, and physical activity. The program consists of seven topics of recommendation to be studied: personal fitness and related skills; mental health; disease prevention and control; safety and first aid; sexuality and family life; substance use and abuse; and nutrition. (Participation in marching band or athletics cannot be substituted for this course.)

PHYSICAL EDUCATION (P.E.):

Grades 10-12

Credit: ½

**Note: Required for graduation*

The objective is for students to look good and feel better about themselves, thus enhancing a sense of achievement and self-confidence. Physical Education is a course which includes activities one can participate in throughout one's life. Activities may include walking, running, weight lifting, tennis, volleyball, and other activities that contribute to overall personal fitness.

WEIGHT TRAINING:

Grades 10-12

Credit 1

Currently open to football players only.

Instruction includes fundamental skills and basic knowledge of weight training. Advanced weight training students will be instructed in the fundamental skills of multi-joint lifts. (Power cleans, squats, etc.)

DRIVERS' TRAINING:

Grade 10-12

Credit: ½

Prerequisite: Driver's permit

The purpose of the driver & traffic safety education program is to provide educational experiences, which will produce a safe driving citizen. Objectives such as: the laws of the land, rules of the road, auto maintenance, alert driver attitudes, basic driving skills, and skills for handling emergencies.

Driver Education is made available throughout the school year. It is offered as a one semester elective course to those students nearing or who have just reached sixteen years of age. Each student must be physically and mentally capable of obtaining a learner's permit or license. A certified driver education instructor teaches the course. The program consists of three phases of instruction: classroom instruction, driving range instruction, and behind-the-wheel instruction. The program meets the requirements for rules, regulations, and standards of the State of Tennessee, which is 30 hours classroom and 6 hours behind the wheel instruction. The cars, gas, and insurance are furnished by the local school system.

THE FOLLOWING MATH REQUIREMENTS MUST BE MET FOR GRADUATION

MATHEMATICS

To view the individual Mathematics Standards and Performance Indicators, visit the Tennessee Department of Education website: <https://www.tn.gov/education/article/mathematics-standards>

DEPARTMENT HEAD: Debbie Trotter

GRADUATION REQUIREMENTS: *Students must be enrolled in a math course each year that they are in high school. These courses must include Algebra I, Geometry, Algebra II, and one additional course beyond Algebra II. The following options are offered for meeting these requirements:*

COURSE SEQUENCE OPTIONS

Freshman Year:

- Algebra I
- Honors Algebra I (teacher recommendation)
- Algebra AB (one math and one elective credit; teacher recommendation)
- *Honors Geometry/Geometry (for students who have a credit in Alg. I)

Sophomore Year:

- Geometry
- Honors Geometry (teacher recommendation)
- *Algebra II/Honors Algebra II (following Geometry; teacher recommendation)

Junior Year:

- Algebra II
- Honors Algebra II (teacher recommendation)
- *Pre-Calculus (following Algebra II)
- Dual Enrollment (various courses—must have qualifying ACT Math score)

Senior Year:

- Pre-Calculus
- SAILS Math (for students not yet meeting ACT Benchmark score)
- Dual Enrollment Math (various courses—must have qualifying ACT Math score)
- AP Calculus (following Pre-Calculus)

HONORS COURSES: These courses meet the curriculum guidelines for the traditional courses and go beyond the usual expectations for student involvement, extending to topics not presented in the regular courses. Students desiring to register for honors mathematics courses should consult their mathematics teachers for recommendations. They should expect a more intense study and a faster pace than the regular courses.

MATHEMATICAL COMPETITIONS: Mathematical competitions are open to students enrolled in Algebra I, Geometry, Algebra II, Pre-Calculus, and Calculus who want to compete. There are 1 to 3 competitions annually.

ALGEBRA I:

Grades 9-10

Credit: 1

**Note: Required for graduation.*

Some of the main concepts studied are:

- Variables, expressions, operations on expressions;
- Equations and inequalities;
- Quadratic equations;
- Analyzing graphs of equations;
- Systems of equations and inequalities;
- Applying these concepts to real-world problems.

HONORS ALGEBRA I:

Grade 9

Credit: 1

Prerequisite: Teacher recommendation

Honors Algebra I meets the curriculum guidelines for the traditional course and goes beyond the usual expectations for students' involvement with the addition of related projects to enrich and challenge the more motivated math learner. It is available to students electing for a faster pace, more rigorous course, and expanded applications in Algebra I.

ALGEBRA AB:

Grade 9

Credit: 1

Prerequisite: Teacher recommendation

This course is designed to meet the needs of the learner who may benefit from additional time to learn algebra concepts. The student is enrolled in two periods of Algebra during the school day (an Algebra AB class and an Algebra AB Lab) and will take the end-of-course assessment in the spring. Algebra AB covers the same material as Algebra I.

GEOMETRY:

Grades 10-12

Credit: 1

**Required for graduation.*

Prerequisite: Algebra AB or Algebra I

The study of Geometry includes:

- Understanding points, lines, and planes and their spatial relationships;
- Working with angles and their related postulates;
- Understanding and using congruent triangles;
- Understanding polygons and their properties;
- Working with similar triangles;
- Introduction to right triangle trigonometry;
- Investigating circles, cones, cylinders, and spheres;
- Using these concepts to solve practical problems.

HONORS GEOMETRY:

Grades 9-11

Credit: 1

Prerequisite: Algebra 1 and teacher recommendation

Honors Geometry meets the curriculum guidelines for the traditional course and goes beyond the usual expectations for student's involvement with the addition of related projects to enrich and challenge the more motivated math learner. It is available to students electing for a faster pace, more rigorous course, and expanded applications in Geometry.

ALGEBRA II:

Grades 10-12

Credit: 1

**Required for graduation*

Prerequisites: Algebra I and Geometry

The study of Algebra II includes the following:

- Understanding and using complex numbers;
- Computing with rational exponents and radicals;
- Solving higher-order equations;
- Investigating graphs of higher-order equations;
- Solving more complex systems of equations;
- Investigating trigonometry using graphs and the unit circle;
- Working with trigonometric identities;
- Sequence and series;
- Basic probability and statistics.

HONORS ALGEBRA II:

Grades 10-12

Credit: 1

Prerequisite: Algebra I, Geometry, & teacher recommendation

Honors Algebra II meets the curriculum guidelines for the traditional course and goes beyond the usual expectations for student's involvement with the addition of related projects to enrich and challenge the more motivated math learner. It is available to students electing for a faster pace, more rigorous course, and expanded applications in Geometry.

The following courses may be taken upon successful completion of Algebra I, Geometry, and Algebra II and are considered as "beyond Algebra II."

SAILS MATH:

Grade 12

Credit: 1

Prerequisites: Algebra I, Geometry, and Algebra II

This course is designed for the senior student who must have scored below a 19 on the Mathematics portion of the ACT. SAILS Math is designed to refresh and review essential concepts from previous math courses help students to attain the college readiness benchmark score. This course is in alignment with the Developmental Studies Program for Mathematics (DSPM). This course addresses mathematical concepts that are required in order to prepare a DSPM student for college level math courses. This course will meet the Tennessee Scholar requirement for a fourth math credit. Course content includes trigonometric functions with applications, trig identities, and extensive analysis of all types of functions and their real applications, and preparation for the ACT. This course is less intensive than Pre-Calculus.

PRE-CALCULUS:

Grade 11-12

Credit: 1

Prerequisites: Algebra I, Geometry, and Algebra II

This course is strongly recommended for students who plan to pursue a college major in a math or science related field. Pre-Calculus includes a study of trigonometry, analytical geometry, polar coordinates, vectors, exponential and logarithmic functions, as well as beginning Calculus concepts.

AP CALCULUS:

Grade 12

Credit: 1

Prerequisites: Algebra I, Geometry, Algebra II, and Pre-Calculus

This course provides a systematic introduction to aspects of differential and integral calculus. This course provides a foundation in calculus for students in the mathematics, engineering, and applied sciences, as well as other fields

not directly related to science. College credit (Calculus I) may be earned by achieving a sufficient score on the Advanced Placement exam given in May.

DUAL ENROLLMENT COLLEGE ALGEBRA:

Grade 12

Credit ½

Prerequisite: Algebra I, Geometry, and Algebra II

Offered through Cleveland State Community College. Students will receive 3 semester hours of college credit upon successful completion of the course. Students may qualify for this option by scoring at or above the college readiness benchmark on the math portion of the ACT and by securing admission to Cleveland State. Tuition and lab fees apply. Students enrolled in this course must have a qualifying score on the ACT math section.

This course will cover the following: equations and inequalities, functions of lines, distance formula, midpoint formula functions and graphs, interval notation, polynomial, radical and rational functions, solving equations graphically, finding zeros of polynomial functions, graphing parabolas, finding turning points, maxima and minima, identify intervals of increasing and decreasing, analyzing graphs, exponential and logarithmic functions, equations and applications, linear and nonlinear regression and modeling, solving applications. Graphing calculator required.

DUAL ENROLLMENT COLLEGE STATISTICS:

Grade 12

Credit ½

Prerequisite: Algebra I, Geometry, and Algebra II

Offered through Cleveland State Community College. Students will receive 3 semester hours of college credit upon successful completion of the course. Students may qualify for this option by scoring at or above the college readiness benchmark on the math portion of the ACT and by securing admission to Cleveland State. Tuition and lab fees apply. Students enrolled in this course must have a qualifying score on the ACT math section.

This course will cover the following statistics for business, education, psychology nursing, sociology, information systems, and other disciplines, central tendency and variability, estimation, hypothesis testing, regression and correlation, analysis of variance and non-parametric methods.

DUAL ENROLLMENT PRE-CALCULUS I & II:

Grade 12

Credit ½ each

Prerequisite: Algebra I, Geometry, and Algebra II

Offered through Cleveland State Community College. Students will receive 3 semester hours of college credit upon successful completion of the course. Students may qualify for this option by scoring at or above the college readiness benchmark on the math portion of the ACT and by securing admission to Cleveland State. Tuition and lab fees apply. Students enrolled in this course must have a qualifying score on the ACT math section.

This course will cover the following: review of inequalities, polynomial, rational, composition, absolute value and inverse functions; complex numbers, graphing; theory of equations; exponential and logarithmic functions; matrices; determinants and Cramer's rule.

*Students **MAY NOT** receive high school math credit for both traditional Pre-Calculus and Dual Enrollment Pre-Calculus or for both AP Calculus and Dual Enrollment Basic Calculus.

THE FOLLOWING SCIENCE REQUIREMENTS MUST BE MET FOR GRADUATION

SCIENCE

To view the individual Science Standards and Performance Indicators, visit the Tennessee Department of Education website: <http://state.tn.us/education/ci/sci/>

DEPARTMENT HEAD: Bill McConkey

Honors courses are offered in Biology and Chemistry. These courses meet the curriculum guidelines for the traditional courses and go beyond the usual expectations for student involvement, extending to topics not presented in the regular courses. Students desiring to register for honors science courses should consult their science teachers for recommendations. They should expect a more intense study and faster pace than the regular courses.

All students must have at least 3 credits in science to meet graduation requirements. (College requirements include a minimum of 2 units of natural/physical science, at least 1 of which must be a lab course in biology, chemistry, or physics.) The following diagram will illustrate the various tracks available for the science student.

AGRISCIENCE:

Grades 9

Credit: 1

Agriscience consists of standards to prepare students for biology and subsequent sciences for the university bound student. The content area covers ecology, biological processes, sexual and asexual reproduction and a study of the chemical and physical laws that govern life. This course helps students understand the important role science serves as the agricultural industry moves into the 21st century.

PHYSICAL SCIENCE:

Grades 9 - 10

Credit: 1

Prerequisites: The student should be competent in dealing with fractions and percentage problems.

This course deals with the study of relationships between matter & energy. Chemical & physical properties of matter, forms of energy, & laws of motion are the main emphasis of study. Appropriate laboratory exercises will be used to emphasize topics studied.

HONORS PHYSICAL SCIENCE:

Grades 9

Credit: 1

Prerequisites: Must have taken and passed Algebra I or be enrolled in Algebra I. No grade lower than a B in science any six weeks during eighth grade.

The course content is the same as Physical Science, but at a more rigorous pace.

BIOLOGY I:

Grades 10-11

Credit: 1

Lab Fee \$15.00; Prerequisite: Physical Science or Agriscience

Biology I will explore basic life processes of living things at the molecular, cellular, systemic, organism, and ecological levels of organization within the biosphere. Relations and behavior as it applies to population dynamics will also be explored as well as cultural and historical scientific contributions of men and women through research study of different disciplines of biology. Biology I is a lab science and several mini-labs and four major labs will be conducted with the culmination being the dissection of several animals for comparison with human anatomy

HONORS BIOLOGY I:

Grade 9

Credit: 1

Lab Fee \$15.00; Prerequisites: recommendation of 8th grade Science teacher

This course provides a study of the organization of life, interaction of organisms from one-celled structures to the largest organisms in the biological community, and an understanding of man's position within that community. Fundamental theories and concepts relating to solving problems in a scientific manner are emphasized, many of which are reinforced by appropriate laboratory activities.

CHEMISTRY I:

Grades 10-12

Credit: 1

Prerequisite: Algebra I & Biology

This course is designed to familiarize the student with general chemical principles. Emphasis will be placed on concepts, principles, and processes of chemistry. Mathematical relationships in chemistry will be emphasized. Lab studies will complement material studied.

HONORS CHEMISTRY I:

Grade 10

Credit: 1

Class Fee: \$10.00; Prerequisite: Algebra I & Honors Biology

Honors Chemistry is a course that explores the properties of substances and the changes that substances undergo. Students will investigate the following:

Atomic Structure
Matter and Energy

Interactions of Matter
Properties of Solutions

Students should explore chemistry through inquiry, hands-on laboratory investigations, individual studies, and group activities. The students' experiences in chemistry should enable them to understand the role of chemistry in their lives by investigating substances that occur in nature, in living organisms, and those that are created by humans. Their study should include both qualitative and quantitative descriptions of matter and the changes that matter undergoes. Students should practice the necessary precautions for performing safe inquiries and also appreciate the risks and benefits of producing and using chemical substances.

Honors Chemistry is designed to be taken by students who have good work ethics. The goal is to provide students with the conceptual framework, factual knowledge, and analytical/reasoning skills to deal critically with the rapidly changing science of chemistry.

ECOLOGY:

Grades 11-12

Credit: 1

Prerequisites: Physical Science, Biology I, Chemistry

Ecology is a course that enables students to develop an understanding of the natural environment and the environmental problems the world faces. Students will investigate the following: fundamental ecological principles, human population dynamics, natural resources, energy sources & their use, human interaction with the environment, personal & civic responsibility. This advanced science course will utilize group lab and field experiences to meet these expectations. Concepts from Biology I & Chemistry I will be applied. Particular emphasis will be placed on local environments. Students will develop a basic understanding of ecology as a basis for making ethical decisions & career choices.

HUMAN ANATOMY & PHYSIOLOGY:

Grades 11 -12

Credit: 1

Prerequisites: Biology & Chemistry

Human Anatomy and Physiology is a laboratory-based course that investigates the structure and function of the human body. Topics covered will include the basic organization of the body; biochemical composition; and major body systems along with the impact of diseases on certain systems. Students will engage in many topics and

competencies related to truly understanding the structure and function of the human body. Working from the topics of basic anatomical terminology to the biochemical composition of the human body, all the way into great detail of each of the major systems of the body, students will learn through reading materials, study guides, unit worksheets, group work, projects, and labs. High levels of achievement will be in effect. Students will be responsible for proper use of lab equipment, lab reports, and projects assigned throughout each unit. One of the goals of this course is to prepare students with the skills necessary to be successful in future science classes in college. There will also be a forensics overtone to the class for exploratory purposes. Lab fee is \$25.00

PHYSICS:

Grades 11- 12

Credit: 1

Prerequisites: Algebra I, Biology, Chemistry; not recommended for students with less than a B average in previous science and math courses.

Must be inquisitive, willing to work hard at unfamiliar tasks. This course is the study of basic kinematics to include all forms of energy' special emphasis on all motion, heat, light, electricity & magnetism and will also open study to the areas of engineering, astronomy, space science, meteorology and special topics as they relate to the world of science.

HONORS CHEMISTRY II:

Grades 11 & 12

Credit: 1

Prerequisites: Biology I, Chemistry I, Algebra I & II, & Geometry

This course IS NOT intended for students with less than a B average in any previous science or math class. The student is also encouraged to take Pre-calculus. This course is designed to study topics covered in Chemistry in greater depth. Strong emphasis will be placed on laboratory experiments and perfecting laboratory techniques. Problem solving in chemistry will also be strongly emphasized. Students will be encouraged to do a science project in some area of interest.

HONORS BIOLOGY II:

Grades 11 & 12

Credit: 1

Lab Fee: \$25; Prerequisites: Biology I, Chemistry I, Algebra I, and Geometry. The student is encouraged to take Algebra II and/or Pre-Calculus.

This course provides additional work in text and laboratory experience in specialized fields of biology: Cellular biology, genetics and taxonomy, physiology and anatomy (fetal pig, cow heart, cow eye, pig, kidney & sheep brain), basic botany, and basic ecology. This course uses a college freshman level text and provides a transition from high school to college level biology. It is most useful to those students who plan academic careers in the science or health related fields.

AP BIOLOGY II:

Grades 11 & 12

Credit: 1

Fees: Lab - \$20.00; Workbook - \$20.00 – Fees could change; Prerequisite: H. Biology or Biology; Chemistry

AP Biology II covers biological systems in more detail than Biology I which will include classroom lecture, extensive lab work and possibly an outside research project. Topics that may be explored are cell organization, function, and reproduction; energy transformation; human anatomy; and organisms' evolutionary and adaptive processes. Dissection of various animals may be required. There are 10 required labs as directed by the A.P. board. The course is designed for student's pursuing a college biological science major. A comprehensive exam will be given each semester with possible emphasis on essay writing. The AP exam may be taken at the end of the year for college credit.

**THE FOLLOWING
SOCIAL STUDIES REQUIREMENTS MUST BE MET FOR GRADUATION**

SOCIAL STUDIES

To view the individual Science Standards and Performance Indicators, visit the Tennessee Department of Education website: <http://state.tn.us/education/ci/ss>.

DEPARTMENT HEAD: Teri Blair

Social Studies requirements for graduation:

1 Credit in World Geography or 1 Credit in World History as a **sophomore**

1 Credit in U.S. History - as a **junior**

1/2 Credit in American Government - as a **senior**

1/2 Credit in Economics (1 Full credit in Marketing can be substituted) - as a **senior**

Total: 3 Credits

WORLD HISTORY & GEOGRAPHY:

Grades 10-12

Credit: 1

Students will study the rise of the nation state in Europe, the French Revolution, and the economic and political roots of the modern world. They will examine the origins and consequences of the Industrial Revolution, nineteenth century political reform in Western Europe, and Imperialism in Africa, Asia, and South America. They will explain the causes and consequences of the great military and economic events of the past century, including the World Wars, the Great Depression, the Cold War, and the Russian and Chinese Revolutions. Finally, students will study the rise of nationalism and the continuing persistence of political, ethnic, and religious conflict in many parts of the world. Relevant Tennessee connections will be part of the curriculum, as well as appropriate primary source boundaries that developed with the evolution of nations from 1750 to the present and the subsequent human geographic issues that dominate the global community. Additionally, students will study aspects of technical geography such as GPS and GIS, and how these innovations continuously impact geopolitics in the contemporary world.

U.S. HISTORY & GEOGRAPHY:

Grade 11

Credit: 1

Students will examine the causes and consequences of the Industrial Revolution and America's growing role in world diplomatic relations, including the Spanish-American War and World War I. Students will study the goals and accomplishments of the Progressive movement and the New Deal. Students will also learn about the various factors that lead to America's entry into World War II, as well as its consequences for American life. Students will explore the causes and course of the Cold War. Students will study the important social, cultural, economic, and political changes resulting from the Civil Rights Movement, the Cold War, and recent events and trends that have shaped modern-day America. Additionally, students will learn the causes and consequences of contemporary issues impacting their world today. Students will continue to use skills for historical and geographical analysis as they examine American history since Reconstruction with special attention to Tennessee connections in history, geography, politics, and people. Students will continue to learn fundamental concepts in civics, economics, and geography within the context of United States history. The reading of primary source documents is a key feature of United States history standards. Finally, students will focus on current human and physical geographic issues important in contemporary America and the global society.

DUAL ENROLLMENT U.S. HISTORY :

Grade 11-12

Credit: 1

Prerequisite: 3.0 overall GPA, a 19 on the PLAN or ACT in the sub-section of reading, and approval of instructor.

This class is a survey of U.S. History which follows the CSCC course of study. Tuition and books will be purchased through CSCC. The Hope Scholarship is available to qualifying students. The grade of "C" must be maintained to receive college credit.

PSYCHOLOGY:

Grades 10-12

Credit: ½

This course explores the five major theories of psychology. Topics of study include personality theories, behavior disorders and treatment, intelligence and creativity, human development, learning theories, and states of consciousness.

AP EUROPEAN HISTORY:

Grade 10-12

Credit: 1

Prerequisites: 3.0 overall GPA, approval of instructor, and a year of World History is recommended.

This is an advanced course designed to examine European History from the late Middle Ages to the present. The course starts at the time of the Renaissance and moves through the Reformation, Enlightenment, French Revolution and Napoleon, the Industrial Revolution, through the modern 20th Century. At the end of the course, students are given the opportunity to take the Advanced Placement Test for college credit.

AMERICAN GOVERNMENT:

Grade 12

Credit: ½

This one semester course includes studies in the following areas:

1. Roots and developments of America's political system.
2. Analysis of the U.S. Constitution as a living document.
3. Qualifications, responsibilities, and functions of the legislative, executive and judicial branches of government.
4. Brief look at organizations and functions of state and local government.

ECONOMICS:

Grade 12

Credit: 1

This course is required for graduation unless the requirement is met through marketing education. This one semester course includes studies in the following areas:

1. Students will examine and analyze economic concepts such as basic needs versus wants, using versus saving money, and policy-making versus decision-making.
2. Students will understand how historical events have influenced the economic development of the United States. Identify major historical events that affected the economic development of the United States.
3. Students understand the elements of personal and fiscal responsibility.

MUSIC

DEPARTMENT HEAD: Kay Galloway**BEGINNING BAND:**

Grades 9-12

Credit: 1

Prerequisites: Desire to learn to play a band instrument and be in the flag corps.

Brass, woodwind, percussion and some theory taught. Students may rent or use school instruments upon consultation with the band director. No previous experience is necessary. Students will twirl flags and baton during football season and play instruments afterwards.

INSTRUMENTAL MUSIC:

Grades 9-12

Credit: 1

Prerequisites: Beginning band or keyboard experience.

This course consists of marching band, concert band and stage band. Students are required to attend all ball games and band sponsored events. Marching band begins the summer rehearsals the week after July 4th.

FLAG CORPS:

Grades 9-12

Credit: 1

This elective course is offered for those band and color guard members interested in performing at football games, parades, and marching band competitions. The "corps-style" concept of marching and performance will be the foundation for all teaching. Emphasis will be placed upon fundamentals of musicianship, marching and maneuvering, musical expression, showmanship, physical coordination, and development of discipline and character.

VOCAL MUSIC I:

Grades 9- 12

Credit: 1

In this course, students begin learning how to sing with an emphasis on soprano, alto, tenor and bass voice parts. It also includes introduction to music theory with rhythm reading and sight singing. Students are required to participate in choir programs as a part of grading. Vocal music may be taken up to four years.

VOCAL MUSIC II:

Grades 10 -12

Credit: 1

Prerequisite: Vocal Music I

This course provides a more in-depth study of singing and theory. Choir programs are required.

CENTRAL HARMONY:

Grades 10-12

Credit: 1

Prerequisite: Vocal Music plus an audition

This choir will act as ambassadors for the school. Limited to 12-15 people, students must audition to be a part of this group. Students must have some knowledge of part-singing and must be willing to perform at different functions. Auditions will be held during the spring.

GENERAL MUSIC:

Grades 9-12

Credit: 1

This course acquaints students with diverse styles of music and provides students with the opportunity to improvise and create music. Some instrumental music will be taught (piano, guitar).

BEGINNING GUITAR:

Grades 10-12

Credit: 1

This course is designed to teach the basics of playing the guitar. Students will learn to read music, play both rhythm and classical styles, proper playing techniques, song writing techniques, as well as music history in regards to the guitar and its development. The course requires fine motor skills and the ability to work successfully individually. Guitars are provided, space is limited.

OTHER ELECTIVES

SUCCESS SKILLS:

Grades 10-12

Credit: 1

Prerequisite: Counselor recommendation and teacher approval

Success Skills is designed to promote study skills and help guide students to success in the classroom and beyond. Success Skills provides at-risk students with the opportunity to achieve their goal of graduating on time through the

use of technology in a small classroom setting. Students are motivated and encouraged through individual and group academic counseling.

LRE TUTOR:

Grade 12

Credit: 1

Prerequisite: Teacher recommendation ONLY

The main objective is to assist students either socially or academically. Some students will go with their tutees to classes. Tutors are required to keep a daily journal and complete one project per nine weeks. These projects may include a research paper on a disability, drawing handicapped accessible house plans, going blindfolded for a day, and the like.

SPECIAL COURSES

READING INTERVENTION:

Grades 9-11

Credit: 1

These courses are designed for students who require specialized reading instruction. Placement for this class will be determined by a school-wide screening assessment.

MATHEMATICS INTERVENTION:

Grades 9-11

Credit: 1

These courses are designed for students who require specialized mathematics instruction. Placement for this class will be determined by a school-wide screening assessment.

ALGEBRA IA AND IB:

Grades 9-10

Credit: 1

These courses are designed to introduce problem solving situations and concepts which include functions, problem solving equations, slopes as rates of change, and proportions. Students will be required to take the End of Course Exam for Algebra I at the conclusion of Algebra IB.

GEOMETRY IA AND IB:

Grades 11-12

Credit: 1

These courses introduce geometric concepts and relationships. Problem solving will include measurement, geometric patterns, congruence, similarity, inductive and deductive reasoning, and logic. If an End of Course Exam is ever introduced for the subject area of Geometry, students will be required to take the End of Course Exam for Geometry at the conclusion of Geometry IB.

BIOLOGY IA AND IB:

Grades 10-11

Credit: 1

These courses introduce students to basic life processes at the molecular, cellular, systemic, organismal, and ecological levels within the biosphere. The course will also include information needed to recognize interdependence and interactions within the environment. Students will be required to take the End of Course Exam for Biology at the conclusion of Biology IB.

WORK-BASED LEARNING:

Grades 9-12

Credit: 1

Students with disabilities who opt out of the Fine Art and Foreign Language credits are eligible for alternative career and technical course selections.

CAREER AND TECHNICAL EDUCATION

COURSE DESCRIPTIONS 2016-2017

ARTICULATION

Articulation is a process that provides a transitional vehicle between secondary and post-secondary institutions. It offers high school students the opportunity to receive post-secondary credit for the skills they have attained at the secondary level. Performance based competencies are used to measure the student's skill level. A student achieving an 85% proficiency in the specific competencies will be eligible for consideration for credit. There will be no charge for the credit if granted. Transfer of articulated credit to other institutions is at the discretion of the receiving institution.

At Cleveland State credit will be awarded upon successful completion of three semester hours of non-articulated credit. The articulated credit may count toward an A.A.S. degree or certificate program but will carry no quality points and will not count in the calculation of GPA. This process is subject to the current Cleveland State catalog requirements.

At the Athens Technology center the program instructor will award credit following review. It too will carry no quality points and will not count in the calculation of the GPA. The process is subject to the Tennessee Technological Center at Athens requirements.

If you are interested in articulation with other community colleges and/or technology centers in Tennessee, see your guidance office for that information.

Articulation credit is offered to concentrators of programs in career and technical education at the following programs:

- **Cleveland State Community College**
- **Tennessee College of Applied Technology**
- **Chattanooga State Community College**

Benefits of Articulation

Eliminates unnecessary repetition of course.

Saves time and money by earning post-secondary credit for previous mastery of skills.

Aligns secondary and post-secondary curriculum.

Addresses the competencies to prepare students for the future workforce.

Provides business and industry with competent employees.

How to apply for Articulation Credit

Maintain an A or B average in selected high school courses.

Ask your guidance counselor and instructor to complete the articulation application.

Request a copy of your transcript and articulation form be forwarded to the Tech Prep office at Cleveland State at the time of graduation.

The Tech Prep Office at Cleveland State will notify you regarding credit approval.

AGRICULTURE, FOOD, AND NATURAL RESOURCES

PROGRAM CHAIR: Annette Bryant

AGRISCIENCE:

Grade 9

Credit: 1

Prerequisite: None

Agriscience consists of standards to prepare students for biology and subsequent sciences for the technical and university bound students. The content area covers ecology, biological processes, sexual and asexual reproduction and a study of the chemical and physical law that govern life. This course helps students understand the important role science serves in the agricultural industry. This course counts as a lab science credit.

SMALL ANIMAL SCIENCE:

Grades 9-10

Credit: 1

Prerequisite: None

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

LARGE ANIMAL SCIENCE:

Grade 11-12

Credit: 1

Prerequisite: Small Animal Science

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

VETERINARY SCIENCE:

Grade 11-12

Credit: 1

Prerequisite: Small or Large Animal Science

Veterinary Science is an advanced course in animal science and care for students interested in learning more about becoming a veterinarian, vet tech, vet assistant, or pursuing a variety of scientific, health, or agriculture professions. This course covers principles of health and disease, basic animal care and nursing, clinical and laboratory procedures, and additional industry-related career and leadership knowledge and skills. This course counts as a lab science credit.

AGRICULTURAL MECHANICS AND MAINTENANCE:

Prerequisite: None

Grades 11-12

Credit: 1

Agricultural Mechanics and Maintenance includes standards to prepare students for operational procedures for a shop or a home environment. Students learn basic skills in areas ranging from welding and electricity to land measuring to plumbing. This course will develop skills that can be used in a rural or an urban environment.

APPLIED ENVIRONMENTAL SCIENCE:

Grades 10-12

Credit: 1

Prerequisite: Agriscience

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

PLANT & SOIL SCIENCE:

Grades 10-12

Credit: 1

Prerequisite: Agriscience

Plant and Soil Science is an applied-knowledge course focusing on the science and management of plants and soils with special attention given to current agricultural practices that support the healthy and sustainable cultivation of major crops. Students in this course will be exposed to a range of careers associated with the science and management of plants and soils and will develop the essential skills and knowledge to be successful in science- or agriculture-related occupations.

NATURAL RESOURCE MANAGEMENT:

Grades 10-12

Credit: 1

Prerequisite: Agriscience

Environmental and Natural Resource Management is an applied-knowledge course for students interested in learning more about becoming good stewards of our environment and natural resources, as an environmental specialist, conservationist, forester, or wildlife manager. This course covers major types of natural resources and their management, public policy, the role of public education in managing resources, as well as careers, leaderships, and history of the industry.

AGRICULTURAL BUSINESS & FINANCE:

Grades 10-12

Credit: 1

Prerequisite: None

Agricultural Business & Finance is an applied knowledge course that addresses the economic and business principles necessary to operate a successful agribusiness. The course covers a wide range of topics in business, finance, economics, and management. Students will learn to apply the principles drawn from these topics toward activities that support their own business aspirations in the agriculture industry.

- Agricultural Business & Finance is a dual credit course with statewide articulation.
- Satisfies Personal Finance graduation requirement.

ARCHITECTURE & ENGINEERING

PROGRAM CHAIR: Jim Hicks**ARCHITECTURAL & ENGINEERING DESIGN I:**

Grades 9-10

Credit: 1

Prerequisite: Must have passed or be enrolled in Algebra I

Architectural & Engineering Design I is a course in which students learn the basic concepts of scale drawings and orthographic projections by making simple two – and – three dimensional drawings using manual drafting tools and computer aided drafting. Course content will enable students to make the transition into the use of computer aided drafting software by having them make increasingly sophisticated drawings. Students will work in teams that will culminate in a class project to create a complete set of construction and assembly drawings for a mechanical product.

ARCHITECTURAL & ENGINEERING DESIGN II:

Grades 10-11

Credit: 1

Prerequisite: Architectural & Engineering Design I

Architectural & Engineering Design II is a course in which students will learn to use a CAD program to create engineering drawings, including plan drawings, assembly drawings, welding and process drawings, cross sections,

3D representations, and bills of materials. The course consists primarily of individual drawing projects, with some group projects. Emphasis is on drawing projects of increasing complexity.

ARCHITECTURAL & ENGINEERING DESIGN III: Grades 11-12

Credit: 1

Prerequisite: Architectural & Engineering Design II

Architectural & Engineering Design III is a course in which students will learn to use a CAD program to create engineering drawings, including plan drawings, assembly drawings, welding and process drawings, cross sections, 3D representations, and bills of materials. The course consists primarily of individual drawing projects, with some group projects. Emphasis is on drawing projects of increasing complexity.

BUSINESS, MANAGEMENT AND ADMINISTRATION

PROGRAM CHAIR: Angel Sliger

COMPUTER APPLICATIONS:

Grades 9-12

Credit: 1

Prerequisite: 180 hours of computer education classes

Computer applications is designed to develop computer technology skills using both OpenOffice and Microsoft Office software. The students will develop skills that will assist with efficient production, accurate production analysis, management of information and design, and presentation of a multimedia project. Students will explore the social and ethical issues of using computer technology. Use of the Internet will be used for information retrieval.

ACCOUNTING I:

Grades 10-12

Credit: 1

Prerequisite: Computer Applications

Accounting I introduces concepts and principles based on a double-entry system of maintaining the electronic and manual financial records for a sole proprietorship, partnership and corporation. It includes analyzing business transactions, journalizing, posting, and preparing worksheets and financial statements.

PERSONAL FINANCE:

Grades 11-12

Credit: ½

Prerequisites: None

Personal Finance is a course designed to help students understand the impact of individual choices on occupational goals and future earnings potential. Real world topics covered will include income, money management, spending and credit, as well as saving and investing. Students will design personal and household budgets; simulate use of checking and saving accounts; demonstrate knowledge of finance, debt, and credit management; and evaluate and understand insurance and taxes.

INTRO TO BUSINESS & MARKETING:

Grades 9-12

Credit: 1

Prerequisite: None

Introduction to Business and Marketing is intended to provide students with a common set of fundamental knowledge and skills in business, marketing and finance. This foundation will provide students more choice and options as they consider and advance in one of these three career clusters. Course content includes career exploration, business concepts and operations, foundational financial literacy, marketing concepts, and social responsibility of business.

BUSINESS MANGEMENT:

Grades 9-12

Credit: 1

Prerequisite: None

The Business, Management and Administration Cluster prepares learners for careers in planning, organizing, directing and evaluating business functions essential to efficient and productive business operations. Career opportunities are available in every sector of the economy and require specific skills in organization, time management, customer service and communication.

FINANCE**ACCOUNTING I:**

Grades 10-12

Credit: 1

Prerequisite: Computer Applications

Accounting I introduces concepts and principles based on a double-entry system of maintaining the electronic and manual financial records for a sole proprietorship, partnership and corporation. It includes analyzing business transactions, journalizing, posting, and preparing worksheets and financial statements.

ACCOUNTING II:

Grades 11-12

Credit: 1

Prerequisite: Accounting I

Accounting II is an advanced study of concepts, principles, and techniques used by businesses to maintain electronic and manual financial records. This course expands on content explored in Accounting I to cover the accounting processes of a variety of different firms, including merchandising, manufacturing, and service-oriented businesses. Proficient students will gain in-depth knowledge of business accounting procedures and their applications to business operations. Upon completion of this course, students will be prepared for postsecondary study and advanced training in accounting or business.

FINANCIAL PLANNING:

Grades 11-12

Credit: 1

Financial Planning is a course designed to develop skills in the use of financial principles in making business decisions. Students will research job qualifications and employment opportunities in finance. The course includes a study of the allocation of financial resources, the effects of finance and credit institutions on the business community and the impact of financial decisions on the consumer market. Ethical issues will be presented in this course.

HEALTH SCIENCE**PROGRAM CHAIR: Jennifer Estes****HEALTH SCIENCE EDUCATION:**

Grades 9 -12

Credit: 1

Prerequisite: None

This course includes a variety of standards necessary for competent health care workers. Integrated academics combined with health care knowledge and skills will provide a strong health care delivery system in the 21st century. It is suggested this elective course be implemented at the ninth grade. It is; however, open to students in grades 9-12. One unit of credit is awarded for this course. This course serves as a foundation of all health science courses.

MEDICAL THERAPEUTICS:

Grades 10-12

Credit: 1

Prerequisite: Health Science

This course provides knowledge and skills to maintain or change the health status of an individual over time. This could include careers such as dental, dietetics, medical assistance, home health, nursing, pharmacy, respiratory, social work, physical therapy, and others.

ANATOMY AND PHYSIOLOGY:

Grades 11-12

Credit: 1

Prerequisites: Biology and Chemistry

In this course, students will examine human anatomy and physical functions. They will analyze descriptive results of abnormal physiology and evaluate clinical consequences. A workable knowledge of medical terminology will be demonstrated.

NURSING EDUCATION:

Grade 12

Credits: 1

Nursing Education is a senior level course, which is designed to prepare students to pursue careers in the field of nursing. This course is a hands-on working experience. A very limited number of students are chosen to participate in the program. You must have completed Medical Therapeutics in order to be accepted. You must have taken or be currently enrolled in Anatomy & Physiology (05991). Registering for this course does not guarantee selection. Selection is based upon grades, attendance, attitude, self-initiative, professionalism, and responsibility, among other considerations. Students are responsible for their own transportation to and from placements. Upon completion of this class and meeting all requirements, students will be eligible to take the certification examination as a Certified Nursing Assistant (CNA).

The course will include the ability to implement communication and interpersonal skills, maintain residents' rights and independence, provide care safely, prevent emergency situations, prevent infection through infection control, and perform skills required of a nursing assistant.

MANUFACTURING

PRINCIPLES OF MANUFACTURING:

Grades 9-10

Credits: 1

Principles of Manufacturing focuses on the essential principles that must be mastered for a person to be effective in manufacturing production work. The course is intended for students more interested in production than engineering. The course covers customers, quality principles and processes, systems, information in the workplace, the business of manufacturing, and statistical process control. The course is contextual by design. It connects what is being learned to the learner's current experience, past knowledge, and future conduct. Wherever possible, real-world or simulation hands-on experiences become the context in which instruction is delivered.

MECHANTRONICS I:

Grade 11-12

Credits: 1

Mechatronics I is an applied course in the manufacturing cluster for students interested in learning more about careers as a mechatronics technician, maintenance technician, electromechanical technician, and manufacturing engineer. This first of two courses covers basic electrical and mechanical components of mechatronics systems as well as their combined uses with instrument controls and embedded software designs. Upon completion of this course, proficient students are able to describe and explain basic functions of physical properties and electrical components within a mechatronic system. They can logically trace the flow of energy through a mechatronic system and can communicate this process to others. They know how to effectively use technical documentation such as data

sheets, schematics, timing diagrams, and system specifications to troubleshoot basic problems with equipment. Finally, they develop strategies to identify, localize, and correct malfunctioning components and equipment.

MARKETING, SALES AND SERVICES

PROGRAM CHAIR: Beverly Jackson

MARKETING & MANAGEMENT PRINCIPLES:

Grades 10-12

Credit: 1

Prerequisite: None

Marketing and Management Principles focus on the study of marketing concepts and their practical application. Students will examine risks and challenges marketers face to establish a competitive edge. Subject matter includes economics, marketing foundations/functions, and human resource leadership development. Skills in communication, mathematics, economics and psychology are reinforced in this course.

CO-OP:

Grade 12

Credit 1-2

Students may take their regular classes including one hour of marking education and may work during the last one or two hours each day in community employment for which credit may be received. Job potential exists from time to time a product is completed until it is delivered to the ultimate consumer, such as cashiers, courtesy clerks, waiters, inspection, packing, shipping, delivery and most other activities in the retail operations.

HUMAN CARE SERVICES

PROGRAM CHAIR: Melanie Walker

PRINCIPLES OF COSMETOLOGY:

Grades 9-12

Credit: 1-2

Prerequisite: None

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

All students can join Skills USA and selected students may attend the annual Skills USA competitions.

DESIGN PRINCIPLES OF COSMETOLOGY:

Grades 10- 12

Credit: 1-2

Prerequisite: Principles of Cosmetology

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

standards. Upon completion and acquisition of 300 hours, students are eligible to take the Tennessee Board of Cosmetology shampoo technician examination for a Tennessee Shampoo Technician License.

All students can join Skills USA and selected students may attend the annual Skills USA competitions.

CHEMISTRY OF COSMETOLOGY:

Grade 11-12

Credit : 1- 2

Prerequisites: Principles of Cosmetology and Design Principles of Cosmetology

Chemistry of Cosmetology is the science that deals with the chemical makeup of hair, skin and nails along with all beauty and professional products used in the salon industry. This course is integrated with physical science, biology, and chemistry. Students will learn to analyze and problem solve.

Field Trips – Trips such as beauty schools, supply companies and salon tours. All students can join Skills USA and selected students may attend the annual Skills USA competitions.

HUMAN SERVICES

PROGRAM CHAIR: Robbie King

INTRODUCTION TO HUMAN SERVICES:

Grades 9-10

Credit: 1

Prerequisite: None

This course is a comprehensive course that includes basic instruction in the following family and consumer sciences subject area: human development, family living, and parenthood education; consumer and resource management; nutrition and foods; textiles and clothing; and housing and living environments. The course is concerned with the young adolescent and provides study of life management skills for the economic, social, and family environments. The development of the individual toward assuming responsibilities and integrating family and consumer science and knowledge and skills in daily decisions is the primary focus.

LIFESPAN DEVELOPMENT:

Grades 10-12

Credit: 1

Prerequisite: Introduction to Human Studies

Lifespan Development builds basic knowledge in human growth and development. The course covers topics of developmental theories, principles of growth from conception, childhood, adolescence, adulthood, as well as death and dying. Artifacts will be created for inclusion in a portfolio, which will continue throughout the program of study.

NUTRITION ACROSS THE LIFESPAN:

Grades 10-12

Credit: 1

Prerequisite: Introduction to Human Studies

Nutrition Across the Lifespan is for students interested in learning more about becoming a dietitian, nutritionist, counselor, or pursuing a variety of scientific, health, or culinary arts professions. Upon completion of this course, proficient students will understand human anatomy and physiological systems, nutrition requirements, as well as social, cultural, and other impacts of food preparation and integrity. Artifacts will be created for inclusion in a portfolio, which will continue to build throughout the program of study.

NUTRITION SCIENCE & DIET THERAPY:

Grades 11-12

Credit: 1

Prerequisite: Introduction to Human Studies, Nutrition Across the Lifespan

Nutrition Science is an interdisciplinary laboratory science course. Concepts of chemistry, biology, physics, and nutrition are applied to the production, processing, evaluation, and utilization of foods. Students use scientific methods in laboratory experiments to facilitate the understanding of the human body, food, nutrition, and science. Classroom experiences help students put scientific knowledge to practical use, making abstract concepts concrete.

FAMILY STUDIES:

Grades 11-12

Credit: 1

Prerequisite: Introduction to Human Studies, Lifespan Development

Family Studies is an applied knowledge course that examines the diversity and evolving structure of the modern family. Course standards focus on the demographic, historical, and social changes of interpersonal relationships, as well as parenting, and the effect of stressors on the family. Artifacts will be created for inclusion in a portfolio, which will continue to build throughout the program of study. Standards in the course are aligned with Tennessee Common Core State Standards for English Language Arts & Literacy in Technical Subjects, as well as Tennessee Psychology, Scientific Research, Sociology, and US History standards in addition to the National Standards for Family and Consumer Sciences Education, Second Edition.

AUTOMOTIVE TECHNOLOGY

PROGRAM CHAIR: Luther Knight

MLR I:

Grades 9-10

Credit: 1

Prerequisite: None

The Maintenance & Light Repair I (MLR I) course prepares students for entry into MLR II. Students explore career opportunities and requirements of a professional service technician. Content emphasizes beginning transportation service skills and workplace success skills. Students study safety, tools, equipment, shop operations, basic engine fundamentals, and basic technician skills. Upon completing all of the MLR courses, students may enter automotive service industry as an ASE Certified MLR Technician.

MLR II:

Grades 10-11

Credit: 1

Prerequisite: MLR I

The Maintenance & Light Repair II (MLR II) course prepares students for entry into MLR III. Students study automotive general electrical systems, starting and charging systems, batteries, lighting, and electrical accessories. Upon completing all of the MLR courses, students may enter automotive service industry as an ASE Certified MLR Technician.

MLR III:

Grades 11-12

Credit: 1

Prerequisite: MLR II

The Maintenance & Light Repair III (MLR III) course prepares students for entry into MLR IV. Students study and service suspension and steering systems and brake systems. Upon completing all of the MLR courses, students may enter automotive service industry as an ASE Certified MLR Technician.

MLR IV:

Grades 11-12

Credit: 1

Prerequisite: MLR III

The Maintenance & Light Repair IV (MLR IV) course prepares students for entry into the automotive workforce or into post-secondary training. Students study and service automotive HVAC system engine performance systems, automatic and manual transmission/transaxle systems, and practice workplace soft skills. Upon completing all of the MLR courses, students may enter automotive service industry as an ASE Certified MLR Technician.

WORK-BASED LEARNING

Work Based Learning (WBL) opportunities are for all students academic, vocational – technical, or special education.

Work-Based Learning experiences are activities at the high school level that involve actual work experience or connect classroom learning to work. Work-based learning experiences include apprenticeships (registered), clinical, cooperative education, internships, service learning, school-sponsored enterprise, and student learner programs.

REQUIREMENTS:

1. Students participating in a school approved registered apprenticeship, student learner program, co-op education, clinical and internship must have passed the competency exam or the gateway exams, when implemented, or other options for requirement for graduation standards as adopted by the State Board of Education or General Assembly
2. Students must maintain an attendance rate of not less than 90% while participating in a school approved registered apprenticeship, student learner program, co-op education, internship, clinical and service learning.
3. Students must be juniors or seniors (16 years or older) in order to utilize the WBL method for credit.

CTE CENTER AT MCHS

The following courses are available for students at the Center for Career and Technical Education at McMinn County High School.

AUDIO / VIDEO PRODUCTION

A/V PRODUCTION I: This course is offered for students interested in either the Audio and Video Technologies sub-cluster or the Journalism and Broadcasting sub-cluster of the arts and communication cluster. The overlap in these industries is extensive as can be witnessed in television, film, music, radio, newspaper, Web-cast, and entertainment just to name a few. This course is the entry-level course to prepare students for the media industry. Course content provides a broad-based exposure to audio, video, and journalism and broadcasting within the media industry. Upon completion of this course, students will be prepared to pursue advanced coursework in either audio and video technology or journalism and broadcasting.

A/V PRODUCTION II: This course is offered in the Audio and Video Technologies sub-cluster for students who have completed A/V Production I or obtained instructor's approval. Course content focuses on broadcast production technologies utilizing simulated and/or real-life projects. This course centers on production of various broadcasting products including commercials, music, news, and interactive programming. The student will gain valuable insight into the many facets of broadcast production, including but not limited to concept creation, scripting, sound design, visual design, engineering, editing budgeting, and producing, as well as exploring some of the latest advances in industry technology. Upon completion of this course, students will be prepared to pursue advanced coursework.

A/V PRODUCTION III: This course is offered in the Audio and Video Technologies sub-cluster for students who have completed A/V Production I and II or obtained the instructor's approval. This course focuses on simulated real-life broadcast production and management. Projects center on in-house production of newscasts, special events, and original programming. The student will gain valuable insight into both audio and video sides of the broadcasting industry. Course content is composed of scripting, reporting, directing, editing, budgeting, and producing, as well as cameras, lights, sound, and set design. This course will explore the latest digital technology and applications, research, and future trends in the broadcast industry. Upon completion of this course, students will be prepared to pursue post-secondary education or enter the broadcasting industry at an entry level position. The educational laboratories will assimilate broadcast facilities in the broadcast industry.

INFORMATION TECHNOLOGY

INFORMATION TECHNOLOGY FOUNDATIONS: Grades 11-12

Credit: 1

Prerequisite: Computer Applications

This course is designed to prepare students with work-related skills for advancement in the telecommunication and information technology career paths. Content provides the students opportunity to acquire basic foundation knowledge and skills in both theory and practical applications in direct current, alternation current, and power supply circuits. Course content includes fundamentals of networking concepts for personal computer (PC), networking, determining system requirements, setting up equipment, and performing installation tests for the end of user. Content provides the opportunity to evaluate and install peripheral devices and become familiar with operation systems. Course content provides students the opportunity to acquire basic fundamental skills in both theory and practical applications of language, structure and typography. Standards 11-13 stress layout and design guidelines as applied in the design of makeup language documents. Course content will be delivered through virtual training and hands on methods. Competencies mastered during this course help prepare students toward acquiring A+ and/or Net+ certification and/or Web design employment.

CABLING TECHNOLOGY:

Grades 11-12

Credit: 1

Prerequisites: Information Technology Foundations

This course which is part of the information technology infrastructure sub-cluster, is designed to equip technician with the fundamental knowledge, skills, and abilities necessary to install, troubleshoot, and maintain today's networks. Course content presents the principles, which govern the architecture and design of systems and networks for connectivity of video, voice, and data communication. Course content and skill development is delivered by the use of training centers and training aids in the class laboratory on which students complete training exercises.

NETWORKING:

Grades 11-12

Credit: 1

Prerequisites: Information Technology Foundations and Algebra I

Networking is a part of the Arts and Communication Cluster, and it stresses the conceptual and practical skills necessary to design and manage networks. Course content, which is of the project-based format, allows students to interconnect workstations, peripherals, terminals, and other networking devices creating an integrated system where all devices speak the same language or protocol. The course will help prepare students to design, build, and maintain computer networks. The networking sub-cluster will help prepare students for the Network+ examination and cover many areas of the Cisco Certified Networking Associates exam. Over 190,000 high-technology jobs are currently available in US corporations for graduates and employment opportunities are increasing.

MACHINING TECHNOLOGY

PRINCIPLES OF MANUFACTURING:

Prerequisite: None

Grades 11-12

Credit: 1

Principles of Manufacturing focuses on the essential principles that must be mastered for a person to be effective in manufacturing production work. The course is intended for students more interested in production than engineering. The course covers customer, quality principles and processes, systems, information in the workplace, the business of manufacturing, and statistical process control.

PRINCIPLES OF MACHINING I:

Grade 11-12

Credit: 1

Prerequisites: Principles of Manufacturing

Principles of Machining I focuses on the concepts and practices that support careers in manufacturing, industrial maintenance, metrology, automation, industrial design, and industrial support. The course introduces the technology of machining and manufacturing process. While working as team members, students will apply leadership and organizational skills relating to designing, producing, and maintaining a product. Emphasis is placed on quality control, codes and standards, and production systems.

PRINCIPLES OF MACHINING II:

Grade 11-12

Credit: 1

Prerequisites: Principles of Manufacturing & Principles of Machining II

Principles of Machining II is a 12th grade course for students interested in entering the workforce or pursuing higher education in the manufacturing area. The course requires students to solve problems in a real world manufacturing context. Problems address critical areas identified by industry and supported by relevant national standards. The course is structured as a series of simulation units. The simulations require students to identify problems in a manufacturing company based on data supplied in typical management reports. Students work in teams of four to six. Teams test and refine proposed solutions with computer simulations.

TRANSPORTATION, DISTRIBUTION AND LOGISTICS**2-4 CYCLE ENGINES****TRANSPORTATION CORE:**

Grades 9-10

Credit: 1

Prerequisite: None

The Transportation Core course prepares students for entry into all subsequent transportation courses. Students explore career opportunities and requirements of a professional service technician. Content emphasizes beginning transportation service skills and workplace success skills. Upon completing this course students may enter automotive service technology, leisure craft service technology, or collision repair and refinishing technology.

2 & 4 CYCLE ENGINE I:

Prerequisite: Transportation Core

Grades 10-11

Credit: 1

This course prepares students for entry-level positions or advanced training in the 2 & 4 cycle engines used on motorcycles, all-terrain vehicles (ATV), jet skis, outboard motors, garden equipment, and outdoor power equipment and vehicles. Students will perform inspections, tests, and measurements for diagnosis and perform needed repairs. Education and experiences simulate small engine industry operations through the use of training aids and modules and offer school-based and work-based learning opportunities. Provides training for a 2 & 4 cycle engine certification from Equipment and Engine Training Council (EETC) Lubrication, cooling, and fueling systems.

2 & 4 CYCLE ENGINE II:

Prerequisite: 2 & 4 Cycle Engine I

Grades 11-12

Credit: 1

This course prepares students for entry-level positions or advanced training in the 2 & 4 cycle engines. Course content focuses on 2 & 4 cycle engines used on motorcycles, all-terrain vehicles (ATV), jet skis, outboard motors, garden equipment, and outdoor power equipment and vehicles. Students will perform inspections, tests, and measurements for diagnosis and perform needed repairs. Education and experiences simulate small engine industry operations through the use of training aids and modules and offer school-based and work-based learning opportunities. Provides training for a 2 & 4 cycle engine certification from Equipment and Engine Training Council (EETC) Ignition, electrical, starting and fuel systems.

COLLISION REPAIR**TRANSPORTATION CORE:**

Grades 9-10

Credit: 1

Prerequisite: None

The Transportation Core course prepares students for entry into all subsequent transportation courses.

Students explore career opportunities and requirements of a professional service technician. Content emphasizes beginning transportation service skills and workplace success skills. Upon completing this course students may enter automotive service technology, leisure craft service technology, or collision repair and refinishing technology.

COLLISION REPAIR: NON-STRUCTURAL:

Grades 11-12

Credit: 1

Prerequisite: Transportation Core

This course prepares students to analyze non-structural collision damage to a vehicle, determine the extent of the damage and the direction of impact, initiate an appropriate repair plan, and correctly use equipment to fit metal to a specified dimension within tolerances. Course content includes metal finishing, body filling and glass panel replacements. The course prepares students for entry level employment and advanced training in collision repair technology, and post-secondary education.

COLLISION REPAIR: STRUCTURAL:

Grades 11-12

Credit: 1

Prerequisite: None

This course prepares students to analyze structural collision damage to a vehicle, determine the extent of the damage and the direction of impact, initiate an appropriate repair plan, and correctly use equipment to fit metal to a specified dimension within tolerances. Course content includes repairs to vehicle frames and glass. The course prepares students for entry level employment and advanced training in collision repair technology, and post-secondary education.

COLLISION REPAIR: PAINTING AND REFINISHING:

Grades 11-12

Credit: 1

Prerequisites: Non-Structural and Structural

This course prepares students to use plastics and adhesives in the repair and refinish processes and to apply automotive paint to a vehicle. Students learn to diagnose automotive paint finish problems and to perform the appropriate manufacturer-required techniques and processes to refinish the affected area or the complete vehicle. Course content provides the student with training in mixing, and applying paint and finish to vehicles. Course content includes the application of plastics and adhesives in the repair and refinish processes. The course prepares students for entry level employment and advanced training in collision repair technology, and post-secondary education.

HOSPITALITY AND TOURISM

CULINARY ARTS I:

Grades 11-12

Credit: 1

Prerequisite: None

This course which is the first level of Culinary Arts, prepares students for gainful employment and/or entry into post-secondary education in the food production and service industry. Content provides students the opportunity to acquire marketable skills by examining both the industry and its career opportunities and by developing food preparation and service and interpersonal skills. Fundamental techniques and skills are taught with an emphasis on safety, sanitation, and proper equipment operation and maintenance. Laboratory facilities and experiences, which simulate commercial food production and service operations, offer school-based learning opportunities.

CULINARY ARTS II:

Grades 11-12

Credit: 1-2

Prerequisite: Culinary Arts I

This course which is the second level of Culinary Arts, prepares students for gainful employment and/or entry into post-secondary education in the food production and services industry. Content provides students the opportunity to acquire marketable skills by demonstrating the principles of safety and sanitation, food preparation skills, and teamwork to manage an environment conducive to quality food production and service operations. Laboratory facilities and experiences, which simulate commercial food production and service operations, offer school-based learning opportunities.

CULINARY ARTS III:

Grades 11-12

Credit: 1

Prerequisite: Culinary Arts II

Culinary Arts III is the third level of Culinary Arts and it serves as a capstone course. It, too, prepares students for gainful employment and/or entry into post-secondary education in the food production and service industry. Content provides students the opportunity to acquire marketable culinary arts skills they have acquired by assuming increasingly responsible positions, including participation in a cooperative education experience.

RESIDENTIAL & COMMERCIAL CONSTRUCTION**FUNDAMENTALS OF CONSTRUCTION:**

Grades 11-12

Credit: 1

Prerequisite: None

Fundamentals of Construction is a course that will introduce students to basic skills and knowledge applicable to all construction trades. Topics covered include safety, construction drawing, site layout, hand and power tools, linear and angular measurements, and application of algebraic and geometric principles to construction problems.

RESIDENTIAL & COMMERCIAL CONSTRUCTION I:

Grades 11-12

Credit: 1

Prerequisite: Construction Core

Residential & Commercial Construction I is a course that will introduce students to basic skills and knowledge related to residential and commercial carpentry. Topics covered include wood, metal, concrete building materials, fasteners, hand and power tools, fabrication based on construction plans, and framing of platform and post-and-beam structures, in both wood and metal. This course gives students an introduction to the skills and knowledge base typically required for apprentice carpenters.

RESIDENTIAL & COMMERCIAL CONSTRUCTION II:

Grades 11-12

Credit: 1

Prerequisite: Carpentry I

Residential & Commercial Construction II is a course in which students will extend their skills and knowledge related to residential and commercial carpentry. Topics covered include stairs, installation and trim of windows and doors, installation and repair of gypsum wallboard, advanced site layout, exterior finish work, thermal and moisture protection, and an introduction to welding. This course gives students a substantial skill and knowledge foundation typically required for apprentice carpenters.

CREDIT CHECKLIST

Name:	Graduation Year:
Elective Focus:	Career Plans:

English (4 Credits)

	<u>S1</u>	<u>S2</u>	<u>Credit</u>
I	—	—	—
II	—	—	—
III	—	—	—
IV	—	—	—

Wellness (1 Credit)

<u>S1</u>	<u>S2</u>	<u>Credit</u>
—	—	—

PE (1/2 Credit)

<u>S1</u>	<u>S2</u>	<u>Credit</u>
—	—	—

Personal Finance (1/2 Credit)

<u>S1</u>	<u>S2</u>	<u>Credit</u>
—	—	—

Computer Education (1 Credit)

	<u>S1</u>	<u>S2</u>	<u>Credit</u>
Keyboarding	—	—	—
Computer Applications	—	—	—

Foreign Language (2 Credits)

	<u>S1</u>	<u>S2</u>	<u>Credit</u>
Spanish I	—	—	—
Spanish II	—	—	—
_____ I	—	—	—
_____ II	—	—	—

Math (4 Credits)

	<u>S1</u>	<u>S2</u>	<u>Credit</u>
Algebra A	—	—	—
Algebra B	—	—	—
Algebra I	—	—	—
Geometry	—	—	—
Algebra II	—	—	—
Pre-Calculus	—	—	—
AP Calculus	—	—	—
SAILS Math	—	—	—
DE Math	—	—	—

Science (3 Credits)

	<u>S1</u>	<u>S2</u>	<u>Credit</u>
Agriscience	—	—	—
Physical Science	—	—	—
Biology I	—	—	—
Biology II	—	—	—
Chemistry I	—	—	—
Chemistry II	—	—	—
Anatomy & Phy.	—	—	—
Physics	—	—	—
Ecology	—	—	—

Social Studies (3 Credits)

World History & Geography	—	—	—
AP European History	—	—	—
US History	—	—	—
Government	—	—	—
Economics	—	—	—

Visual & Performing Arts (1 Credit)

	<u>S1</u>	<u>S2</u>	<u>Credit</u>
Visual Art I	—	—	—
Vocal Music	—	—	—
General Music	—	—	—
Theater Arts	—	—	—
Band	—	—	—

Elective Focus

	<u>S1</u>	<u>S2</u>	<u>Credit</u>
_____	—	—	—
_____	—	—	—
_____	—	—	—
_____	—	—	—
_____	—	—	—

CLUBS

ACADEMIC TEAM – The Academic Bowl Team is composed of members who keep at least a 3.0 average in all their classes. The team practices after school twice weekly. The questions that are used in practice draw on the players' knowledge of school subjects and are intended to help develop common sense, confidence, and the ability to think in stressful situations. Each team member has a notebook with study material that is used to prepare for competitions and practice. The team and chaperones attend three to four competitions yearly; these take place in Knoxville, Cleveland, and other locations. Our secondary goal is to expose our team members to other schools, students and enrichment activities. Practice begins in September and ends in May. The Academic Bowl Team is by invitation; however, students may volunteer.

ANCHOR CLUB – Anchor club is a community service club sponsored by the International Pilot Club of Athens. Eight freshmen and seven sophomores are elected at the end of each year to be involved with the club for the following year. A 2.5 G.P.A. is required for membership. They are elected by submitting an application and by receiving a majority of votes from present club members. Besides doing activities within the school and community, Anchor club co-sponsors "Make a Difference Day", a dance and the Princess Pageant fund raising event. The proceeds of these events are used in various charity projects. Anchor Club members visit the Nursing Home, the Good Faith Clinic and help other organizations and anyone in need in the community. Currently a minimum of forty service hours is required of each member at the end of the second semester.

BETA CLUB – The National Beta Club is a non-profit leadership organization for grades eleven through twelve. The purpose is to stimulate effort, reward achievement, and to encourage and assist its members in continuing their education after high school. Each member should have worthy character, high intellect, a commendable attitude and be achievement oriented. Prospective junior members must have at least a 3.5 G.P.A. and maintain at least a 3.0 each semester to remain a member. Each graduating member of BETA will receive a gold tassel to wear at graduation and a gold seal affixed to his/her diploma.

DECA – DECA is an educational youth organization designed for students enrolled in Marketing Education and is an integral part of the total ME program. The mission of DECA is to enhance the co-curricular education of students with an interest in marketing, management and entrepreneurship. DECA helps students develop skills and competence for marketing careers, build self-esteem, experience leadership and practice community service. DECA is committed to the advocacy of marketing education and the growth of business and education partnerships.

FBLA –The Future business Leaders of America is one of the largest and most active clubs at CHS. It is an organization for any student that is interested in pursuing a business career or interested in developing leadership characteristics. FBLA is the largest business career student organization in the world, with 216,000 members in the high school division. FBLA continues into the college ranks a Phi Beta Lambda with over 11,000 members. FBLA members prepare themselves for future business careers, learn current business practices and policies, develop character, build self-confidence, and compete against other business students within the school population and on the regional, state, and national levels in select business areas. FBLA members are charged national, state, and local dues each year (approximately \$10-\$15). Points are earned for attending meetings, participating in fund-raising and community service projects, working on committees, and participating in other activities of the club. Each spring,

members who earned a minimum amount of points will be eligible to attend the spring field trip to Miracle Lake where the annual community service project is conducted.

FCA – Fellowship of Christian Athletes is an interdenominational organization open to any student in grades 9-12 who participates in a sport or actively supports the athletic programs at CHS. The purpose of this club is to provide students with the opportunity for Christian fellowship, growth, and instruction through student-led activities.

FCCLA (formerly FHA) – FCCLA is one of the largest vocational clubs in the United States. Any student that is taking or has taken a Consumer Science class can become a member. The club does special community projects.

FFA – The National FFA Organization is a driving force in developing leadership in today's youth. Active participation in public speaking skills contests, chapter meetings, award and recognition programs, committees and community projects provide FFA members with leadership skills. The organization motivates young people to make positive contributions to their homes, schools, communities and country.

FOREIGN LANGUAGE – Foreign Language Club is for students who have completed at least one year of a foreign language or currently enrolled. Meetings consist of ethnic food, games and cultural interest programs. The club will participate in community and global service projects.

HOSA – Health Occupations Students of America is a club for Health Science students. The club meets monthly to discuss club activities and upcoming community service events. HOSA gives you a look into many different health care facilities to assist in helping you to find the best career options for you. You will have the opportunity to visit nursing homes, hospitals, and assisted living centers. HOSA also has many opportunities for competitions. At times competitions may offer scholarships.

INTERACT CLUB – Interact Club is a service club that gives members a chance to develop a range of leadership skills and the value of teamwork. Members participate in numerous community service activities that promote community involvement. The goal of the Interact Club is to improve the quality of life on a state, national, and international level. Interact is affiliated with Etowah Rotary Club. Once a week, two Interact members are allowed to attend a Rotary Club luncheon with area community leaders. A minimum G.P.A. of 2.5 is required for membership, and 25 service hours must be completed by the end of the year to maintain membership and to be considered for any Interact scholarship.

LEADERSHIP TEAM – The purpose of the Leadership Team is to develop leadership skills and to promote character education throughout the school and community. Students participate in skits and speak before high school and elementary classes and community groups. Members also make posters and do bulletin boards around the school building on the topics of responsibility, respect, caring, trustworthiness, citizenship, fairness, abstinence, and perseverance. To become a member of the Leadership Team students who are interested apply at the beginning of each school year. Members are selected through the application process with the approval of the faculty and administration.

PEP CLUB – Pep Club meets once a month. The club fee is \$3.00. Pep Club is in charge of the Homecoming dance. Anyone can become a member.

SADD (Students Against Destructive Decisions) – A peer leadership organization dedicated to preventing destructive decisions, particularly underage drinking, other drug use, impaired driving, and teen violence and suicide.

SPORTSMAN & OUTDOORSMAN GUILD – The purpose of the Charger – SOG is to provide students with the opportunity to gather with individuals with like interest in outdoor events. The events will be in an educational setting where students will discuss and participate in their area of interest. Students will have an opportunity to

learn new skills as well as explore careers in the outdoor world. Members may have the opportunity to work with area colleges and industries in ecological areas such as water quality testing and other areas. Interest areas include but are not limited to: hunting, fishing, shooting, archery, hiking, backpacking, camping, etc. One special segment is the Trout Unlimited segment of First Cast taught to a select group of members (10) each year. This club will give members the opportunity to learn and experience individual sports and to gain knowledge about their environment. The club does have one (1) required environmental project each year that members must attend. Guidelines are: grades must be 2.5 or higher, must be currently enrolled or taken and passed biology and may not have been in trouble in the school or community.

STUDENT GOVERNMENT – The goal of Student Government is to represent, act, and lead in the best interests of the students of CHS. Members include: Homeroom representatives & five officers, President, Vice-President, Treasurer, Secretary, Reporter, all elected for one year tenures. Student Government will recommend policies & activities to the administration of CHS and are involved with & in charge of several activities on campus. Student Government also shows responsibility to the community by setting up a blood drive each year in competition with McMinn High School, & “The Penny Wars”, whose purpose is to accumulate the most pennies per class as a competition, with the money used to buy gifts for the needy at Christmas. Student Government selects CHS students as candidates for Elks Teen of the Month and vote on the candidates at the county level. The winners are eligible for a \$1000.00 scholarship from the Athens Elks Lodge. Student Government members are highly motivated individuals who care about their school & community & want to be involved to make them a better place to live.

SKILLS U.S.A. – formerly VICA (Vocational Industrial Clubs of America) is an organization for career and technical education, providing student with the opportunity to experience leadership, citizenship and industry based, skill competitions. Any students enrolled in a related career cluster are eligible to join.

SPORTS

***Requirements for all sports:**

- 1) **Must pay an athletic fee**
- 2) **Must get a sports physical (paid by the school).**
- 3) **Must follow all school and athletic rules**
- 4) **Must pass 5 academic classes per semester**
- 5) **Preferred experience in elementary teams.**

BASEBALL – At McMinn Central we take great pride in our athletic programs. Our Baseball program is rich with tradition. This tradition includes District Championships in 1973, '74, '81, '83, '88, '99, and 2000; Region Championships in '81, '88, '89, '94, '95, '00, and '01; Sectional Championships and State Finalists in '89, '94, '00 and '01. The first official, mandatory practice is the Monday of the week of Feb. 15 of each year. However, we do lift weights year round. The season begins the second week of March and usually ends around the second week of May. McMinn Central offers two baseball teams; varsity & junior varsity. *

BASKETBALL (BOYS') – The Charger basketball program provides three levels of basketball; the freshmen, the junior varsity, and varsity. Basketball tryouts are held in the spring of each year and include summer team camp. Freshmen tryouts are in the summer and include summer team camp.

BASKETBALL (GIRLS') – Varsity practice is required for all varsity players. Two to three games are played per week during the regular season with the remaining days used for practice. Some weekend practices are also scheduled. Practice lasts from 1 ½ to 2 hrs. Freshmen may be able to play freshman, B-team, and varsity schedules at the discretion of the varsity coach. Freshmen usually have 1 to 2 games a week.*

CHEERLEADING – Junior Varsity and Varsity cheerleaders are chosen in the spring for the following school year. They cheer during football and basketball seasons. All cheerleaders are required to attend summer camp and summer practices.*

CROSS COUNTRY – Cross country is a sport in which runners' race for the best time on a 5 kilometer or 3 mile outdoor course. Many athletes, who play basketball, wrestle, or are distance runners on the track team, use cross-country to condition themselves for their primary sport. Cross-country season begins in late August and ends in October with a total of ten meets being run. Practices are held daily.*

FOOTBALL – (Grades 9 – 12) Spring practice begins the 2nd week of May. Summer workouts begin the first week of June from 6:00 – 8:00 at the field house. Conditioning will begin the second week of July from 6:00 – 8:00 at the football stadium. Practices begin the first week of August. Students should attend workouts to prepare for the football season. Junior Varsity games will be on Mondays during the school year. If a student is interested in playing football or has questions, contact the head coach at school.*

GOLF – Golf is played in the fall from the beginning of school until the middle of October. Practice begins in the summer with tryouts in the spring. Practice and home matches are at Ridgewood Golf Course. Five boys play in a match with the top four scores being counted. Three girls play in a match with the top two scores counting toward the final score.*

SOFTBALL – Softball at CHS is fast-pitch, female only, and consists of varsity and junior varsity teams. Winter conditioning is advised for those who plan to play during the spring. Trips are usually taken during Spring Break to play in various tournaments. A banquet is held at the end of the season.*

SOCCER – Soccer is a varsity sport with both a girls' and boys' team playing separate seasons. Girls' soccer is played in the fall beginning in August and ending in October at the state tournament. Boys' soccer is played in the spring beginning in the middle of February and ending in May with the state tournament. All students are welcome to try out for their respective teams. Although having skills to play is an asset, it is not a requirement for trying out, but the student athlete should have some knowledge of the game and how it is played. A required conditioning program is held two to three weeks prior to each season.*

SWIM TEAM – The Central High School Swim Team practices at the Athens YMCA under the coaching of Ms. Debra Inman. Students make arrangements with the coach in regard to practice times. Practice may begin at 4 o'clock or 5 o'clock and will last for one hour. Ten minutes before practice is for on-deck stretching. Cost is \$168 for non-Y members and \$105 for members. Students compete with teams in the Knoxville Interscholastic Swim League with Regions being held at UTK Aquatic Center. Qualifying times are required to participate in the State Meet in Nashville. The season lasts from September through February with one to two meets a week usually beginning in late October. There are certain requirements that must be met to earn a letter, and a conduct code must be signed.*

TENNIS – Tennis is played in the spring and is offered to boys and girls. In a varsity match, six singles and three doubles constitute a nine-point match. The season wraps up the first week in May with the District Championships.*

TRACK – (Boys and Girls) Track meets consist of running and field events. The running events are individual and relay races. The field events are long jump, high jump, triple jump, shot put, and discus. Track, a spring sport, has produced several state champions from Central.*

VOLLEYBALL (Girls) - Spring & summer conditioning is advised for those who plan to play. Volleyball tryouts and practice begin in mid-July. Information concerning tryouts will be announced in the spring.*

WRESTLING – The wrestling season begins the first week of November with after school practice and continues through the state tournament in mid-February. To be qualified for wrestling, you must be an in-coming freshman or have passed at least five subjects from the previous year in school (10th through 12th grades). Everyone who meets these qualifications and tries out for the team will be kept. An athletic letter in wrestling can be earned by attending ninety-five percent of the practices during the year. McMinn Central has produced over forty individual state qualifiers and one state champion in the 35 year history of the program.*

N.C.A.A. REGULATIONS

Please check the website for NCAA eligibility standards at www.ncaaclearinghouse.net.

Core Courses

- ☐ **NCAA Division I requires 16 core courses. NCAA Division II requires 16 core courses**
- ☐ **NCAA Division I will require 10 core courses** to be completed **prior to the seventh semester** (seven of the 10 must be a combination of English, math or natural or physical science that meet the distribution requirements below).
 - *Beginning August 1, 2015, it will be possible for a Division I college-bound student-athlete to still receive athletics aid and the ability to practice with the team if he or she fails to meet the 10 course requirement, but would not be able to compete.*

Test Scores

- ☐ **Division I** uses a sliding scale to match test scores and core grade-point averages (GPA). The sliding scale for those requirements is shown on Page No. 2 of this sheet.
- ☐ **Division II** requires a minimum SAT score of 820 or an ACT sum score of 68.
- ☐ The SAT score used for NCAA purposes includes **only** the critical reading and math sections. The writing section of the SAT is not used.
- ☐ The ACT score used for NCAA purposes is a **sum** of the following four sections: English, mathematics, reading and science.
- ☐ **When you register for the SAT or ACT, use the NCAA Eligibility Center code of 9999 to ensure all SAT and ACT scores are reported directly to the NCAA Eligibility Center from the testing agency. Test scores that appear on transcripts will not be used.**

Grade-Point Average

- ☐ **Be sure** to look at your high school's List of NCAA Courses on the NCAA Eligibility Center's website (www.eligibilitycenter.org). Only courses that appear on your school's List of NCAA Courses will be used in the calculation of the core GPA. Use the list as a guide.
- ☐ **Division I** students enrolling full time **before August 1, 2015**, should use Sliding Scale A to determine eligibility to receive athletics aid, practice and competition during the first year.
- ☐ **Division I** GPA required to receive athletics aid and practice **on or after August 1, 2015**, is 2.000 (corresponding test-score requirements are listed on sliding scale B on Page No. 2 of this sheet).
- ☐ **Division I** GPA required to be eligible for competition **on or after August 1, 2015**, is 2.300 (corresponding test-score requirements are listed on sliding scale B on Page No. 2 of this sheet).
- ☐ **The Division II** core GPA requirement is a minimum of 2.000.
- ☐ Remember, the NCAA GPA is calculated using NCAA core courses only.

DIVISION I

16 Core-Course Rule

16 Core Courses:

- 4 years of English.
- 3 years of mathematics (Algebra I or higher)
- 2 years of natural/physical science (1 year of lab if offered by high school)
- 1 year of additional English, mathematics or natural/physical science.
- 2 years of social science.
- 4 years of additional courses (from any area above, foreign language or nondoctrinal religion/philosophy).

DIVISION II

14 Core-Course Rule

14 Core Courses:

3 years of English.

2 years of mathematics (Algebra I or higher)

2 years of natural/physical science (1 year of lab if offered by high school)

2 years of additional English, mathematics or natural/physical science.

2 years of social science.

3 years of additional courses (from any area above, foreign language or nondoctrinal religion/philosophy)

Sliding Scale A

Use for Division I prior to August 1, 2015

NCAA DIVISION I SLIDING SCALE

Core GPA SAT ACT

Verbal and Math ONLY

3.550 & above 400 37

3.525 410 38

3.500 420 39

3.475 430 40

3.450 440 41

3.425 450 41

3.400 460 42

3.375 470 42

3.350 480 43

3.325 490 44

3.300 500 44

3.275 510 45

3.250 520 46

3.225 530 46

3.200 540 47

3.175 550 47

3.150 560 48

3.125 570 49

3.100 580 49

3.075 590 50

3.050 600 50

3.025 610 51

3.000 620 52

2.975 630 52

2.950 640 53

2.925 650 53

2.900 660 54

2.875 670 55

2.850 680 56

2.825 690 56

2.800 700 57

2.775 710 58

2.750 720 59

2.725 730 59

2.700 730 60

2.675 740-750 61

2.650 760 62

2.625 770 63
2.600 780 64
2.575 790 65
2.550 800 66
2.525 810 67
2.500 820 68
2.475 830 69
2.450 840-850 70
2.425 860 70
2.400 860 71
2.375 870 72
2.350 880 73
2.325 890 74
2.300 900 75
2.275 910 76
2.250 920 77
2.225 930 78
2.200 940 79
2.175 950 80
2.150 960 80
2.125 960 81
2.100 970 82
2.075 980 83
2.050 990 84
2.025 1000 85
2.000 1010 86

Sliding Scale B

Use for Division I beginning August 1, 2015

GPA for Aid and Practice	GPA for Competition	SAT	ACT Sum
3.550	4.000	400	37
3.525	3.975	410	38
3.500	3.950	420	39
3.475	3.925	430	40
3.450	3.900	440	41
3.425	3.875	450	41
3.400	3.850	460	42
3.375	3.825	470	42
3.350	3.800	480	43
3.325	3.775	490	44
3.300	3.750	500	44
3.275	3.725	510	45
3.250	3.700	520	46
3.225	3.675	530	46
3.200	3.650	540	47
3.175	3.625	550	47
3.150	3.600	560	48
3.125	3.575	570	49
3.100	3.550	580	49
3.075	3.525	590	50
3.050	3.500	600	50
3.025	3.475	610	51
3.000	3.450	620	52
2.975	3.425	630	52
2.950	3.400	640	53
2.925	3.375	650	53

2.900	3.350	660	54	2.350	2.800	880	73
2.875	3.325	670	55	2.325	2.775	890	74
2.850	3.300	680	56	2.300	2.750	900	75
2.825	3.275	690	56	2.275	2.725	910	76
2.800	3.250	700	57	2.250	2.700	920	77
2.775	3.225	710	58	2.225	2.675	930	78
2.750	3.200	720	59	2.200	2.650	940	79
2.725	3.175	730	60	2.175	2.625	950	80
2.700	3.150	740	61	2.150	2.600	960	81
2.675	3.125	750	61	2.125	2.575	970	82
2.650	3.100	760	62	2.100	2.550	980	83
2.625	3.075	770	63	2.075	2.525	990	84
2.600	3.050	780	64	2.050	2.500	1000	85
2.575	3.025	790	65	2.025	2.475	1010	86
2.550	3.000	800	66	2.000	2.450	1020	86
2.525	2.975	810	67	2.425	1030		87
2.500	2.950	820	68	2.400	1040		88
2.475	2.925	830	69	2.375	1050		89
2.450	2.900	840	70	2.350	1060		90
2.425	2.875	850	70	2.325	1070		91
2.400	2.850	860	71	2.300	1080		93
2.375	2.825	870	72				

Important Numbers/Addresses:

Central High School

145 County Road 461
Englewood, TN 37329
Main Office 423/263-5541
FAX 423/263-0399

McMinn County

Superintendent's Office 423-745-1612
Bus Barn / Transportation 423-745-1252

Guidance & Counseling:

Anita Scruggs (M-Z) ext. 106 (jscruggs@mcminnschools.com)
Amber Moore (A-L) ext. 301 (amoore@mcminnschools.com)

<http://www.mcminncentral.com>