

EAST CARTER HIGH SCHOOL SCHEDULING GUIDE 2022-23



EAST CARTER HIGH SCHOOL

405 HITCHINS ROAD
GRAYSON, KENTUCKY 41143
606-474-6696
FAX 606-475-9200

Principal: Kelley Moore
Counselors: Sheila Porter & Bill Billman

EAST CARTER HIGH SCHOOL

SCHEDULING GUIDE

2022-23

This guide is designed to help East Carter students prepare their schedules for the 2022-23 school year. If you have any questions about scheduling, please contact Sheila Porter at 474-6696 or sheila.porter@carter.kyschools.us.

Here's how it works: When scheduling, you will complete a scheduling google form in your google classroom. This will help prepare your schedule. The counselor will use this information to complete MYAP in Infinite Campus for scheduling purposes. 8th-grade students will be given a tour of ECHS in the spring and be introduced to the career pathways that are offered and then they will complete their scheduling form. If you have any questions about scheduling, please email and set up an appointment with your counselor. Your elective classes will be based on the career pathway that you selected. Each pathway has a group of classes that are offered each year. If a student does not meet the benchmark on selected assessments or does not perform well in a core class, they will be placed in intervention classes for English, math, and reading to help them be successful in their core classes. Students will first select their core classes and decide whether they would like to take honors or regular classes. Then they will select their elective classes based on the high school career pathway. Other electives will also be offered.

SCHEDULING INFORMATION

The following information will assist you in completing your schedule for next year. **Please give careful thought to your selection of courses.**

- ◆ All underclassmen are required to take English, Math, Science, and Social Studies.
- ◆ Many elective courses are based on 2 semesters a year of instruction. You will receive a progress report after 9 weeks of class. If you are taking a semester class, you will earn 1/2 credit for successful completion of each course per semester. If you are taking a yearlong class, then you will receive 1 credit at the end of the year if you successfully complete the course. Grades will be posted to a transcript after the 1st and 2nd semesters.
- ◆ If you fail a core course in the first semester, your counselor may assign you to repeat that course in the next semester. If you fail a core course that is based on 2 semesters, you will retake it the next year, which may affect your class standing and graduation year.
- ◆ A teacher recommendation and/or an application may be required for certain course selections. This requirement is designated in the course selection guide.
- ◆ Remember that you are choosing classes for the whole year, so please select carefully. Schedule change requests may not be honored after the start of school.
- ◆ While certain courses are required ("core"), there are many elective courses from which to choose. The choice of courses should be based on individual career goals, interests, abilities, aptitudes, and prior grades.
- ◆ Courses must be chosen from those listed for the grade in which the student is enrolled. Courses of a higher grade level may be substituted with the counselor's approval.

SCHEDULE CHANGES

A student **may not** drop classes without the permission of a counselor or principal. In some cases, such as AP or Honors classes, parents' permission is also required. Students who desire a schedule change must pick up a schedule change request form from their counselor. Then, to meet with a counselor, students must make an appointment with the guidance clerk. These can only be made during the first two days of the school year.

After that time, changes will be made for the following reasons only:

- Inappropriate academic placement
- Improper grade level placement
- Vocational program adjustment
- Approval of Independent Study/On-line course
- Placement in a credit recovery class
- Medical Necessity with a Dr.'s note as a reason for class change
- At the discretion of the Principal or Counselor

ECHS GRADING SCALE

| | |
|-------------------------------------|-----------|
| A (exceeds standards)..... | 90-100% |
| B (meets standards)..... | 80-89% |
| C (marginally meets standards)..... | 70-79% |
| D (below standards)..... | 60-69% |
| F (unsatisfactory performance)..... | below 60% |

GRADE POINT AVERAGE

Quality points are used to figure the grade point average (GPA) as follows:

| | |
|--------|----------|
| A..... | 4 points |
| B..... | 3 points |
| C..... | 2 points |
| D..... | 1 point |
| F..... | 0 points |

Only grades for those courses recorded on the student's transcript are eligible for the calculation of the GPA. There are many uses of the GPA including:

- Potential membership in academic clubs such as a National Honor Society and Beta Club
- Senior class valedictorian, salutatorian, honor students
- Kentucky Educational Excellence Scholarship (KEES)
- KHSAA Athletic eligibility
- Placement in honors, accelerated, and dual credit college classes

ACT's College Readiness Benchmarks

(These scores are used by the administration at ECHS for placement of students in Transitional Math & Reading Courses or Math and Reading Intervention Courses)

| TEST | ACT | CPE |
|--------------------|------------|------------|
| English | 18 | 18 |
| Reading | 22 | 20 |
| Mathematics | 22 | 19 |
| Science | 23 | 23 |

KEES SCHOLARSHIP

The KEES Scholarship is administered by the Kentucky Higher Educational Assistance Authority and awards those students with an annual GPA of 2.5 or higher according to the table below.

| GPA | AWARD |
|------------|--------------|
| 4.0 | \$500 |
| 3.9 | 475 |
| 3.8 | 450 |
| 3.75 | 437 |
| 3.7 | 425 |
| 3.6 | 400 |
| 3.5 | 375 |
| 3.4 | 350 |
| 3.3 | 325 |
| 3.25 | 312 |
| 3.2 | 300 |
| 3.1 | 275 |
| 3.0 | 250 |
| 2.9 | 225 |
| 2.8 | 200 |
| 2.75 | 187 |
| 2.7 | 175 |
| 2.6 | 150 |
| 2.5 | 125 |

| ACT | AWARD |
|--------------|--------------|
| 28 and above | \$500 |
| 27 | 464 |
| 26 | 428 |
| 25 | 393 |
| 24 | 357 |
| 23 | 321 |
| 22 | 286 |
| 21 | 250 |
| 20 | 214 |
| 19 | 179 |
| 18 | 143 |
| 17 | 107 |
| 16 | 71 |
| 15 | 36 |

*Students are notified in the summer by KHEAA of their current KEES account balance. Errors should be reported to the student's school counselor. Students can also check their KEES funding through their GOHIGHER accounts on their Individual Learning Plans (ILP).

STATE GRADUATION REQUIREMENTS

REQUIRED CREDITS FOR EACH GRADE LEVEL
(to be attained by the start of the school year)
 SOPHOMORE 5 credits
 JUNIOR 12 credits
 SENIOR 19 credits

HIGH SCHOOL GRADUATION REQUIREMENTS

| | |
|--------------------------|-----|
| English | 4 |
| Mathematics | 4 |
| Science | 3 |
| Social Studies | 3 |
| Health | 1/2 |
| Physical Education | 1/2 |
| Humanities..... | 1 |
| Electives | 9 |

| | |
|----------------------|-----------|
| TOTAL CREDITS | 25 |
|----------------------|-----------|

PREPARATION FOR COLLEGE ADMISSIONS

Applicants to colleges must qualify for admission by a combination of the following: grade point average, ACT/SAT score, and transcript of courses. Students should consult college websites for specific information concerning admission requirements. Plans should be made as early as possible in their high school career so that everyone concerned will be aware of all requirements for acceptance. Without discounting the importance of such factors as a character, personality, and civic responsibility, colleges place great emphasis upon intellectual eagerness, initiative, academic promise, and maturity.

Since college admission is becoming increasingly competitive, students must expect to do intensive work throughout their high school career or they may experience difficulty in gaining admission to the college of their choice. Colleges require a copy of the student's academic record (transcript) from grades nine through twelve. Courses taken each year are the foundation for success in succeeding years. For more information about local, state, and national scholarships, please refer to the following website for a list of scholarships available to students: <http://www.carter.k12.ky.us/ECHS/Counseling/index.html>.

The Kentucky Council on Postsecondary Education has prescribed the following minimum requirements for high school graduates to be eligible for regular admission to a four-year degree program at a Kentucky public university:

- English – 4 credits required
- Mathematics – 4 credits required, including Algebra 1, Geometry, Algebra 2, and one higher-level math course
- Science – 3 credits required, including life science, physical science, and earth/space science
- Social Studies – 3 credits required from U.S. History, World Civilizations, Economics, Government, and World Geography
- Health - .5 credit
- Physical Education - .5 credit
- History & Appreciation of Visual and Performing Arts – 1 credit
- World Language – 2 credits from the same language
- Electives – 5 rigorous credits

NCAA ELIGIBILITY REQUIREMENTS

Any student who plans to attend an NCAA Division I or II institution AND who wishes to participate in intercollegiate athletics must register with the NCAA Eligibility Center (formerly NCAA Clearinghouse). To view the rules and to register, go to <https://web1.ncaa.org/eligibilitycenter/common/>. Click on the Prospective Student-Athletes link. Here you can gather information and resources for the prospective student-athlete as well as register. When you register, you must print for your counselor two requests for transcripts. Give these to your counselor and the records clerk will send the NCAA Eligibility Center a copy of your current transcript as well as your final transcript. When you register to take the ACT or SAT, you must request that your score be sent directly to the NCAA Eligibility Center by choosing 9999 as a score reporting location on your ACT/SAT registration document.

To determine your eligibility, the NCAA Eligibility Center examines your grades from your high school core classes with your college entrance exam scores. For Division I, a GPA is calculated for 16 core courses; for Division II, 14 core classes. See the web page for the breakdown of courses. Division I has a sliding scale of test scores and GPA. The SAT score used includes only the critical reading and math sections. The ACT score used for NCAA purposes is a sum of the four sections on the ACT: English, math, reading, and science. For Division II, there is a minimum SAT score of 820 or an ACT sum score of 68 and a minimum GPA of 2.0. **All SAT and ACT scores must be reported directly to the NCAA Initial-Eligibility Center by the testing agency. Test scores that appear on transcripts will no longer be accepted. When registering for the SAT or ACT, use the Eligibility Center code of 9999 to make sure your score is reported directly to them.**

If you have any questions about NCAA eligibility, please call the NCAA Initial-Eligibility Center toll-free at (877) 262-1492.

HONORS CLASSES

Students are asked to consider specific criteria to be selected to take honors classes. When scheduling, students may select to take honors classes, but a counselor may review their academic information with them before they will be placed in the classes. The academic criteria, which will be considered for placement in these classes will include: Cumulative GPA; Grades in the specific core subject areas; assessment scores and comprehensive assessments for the subject area; and teacher recommendations. These classes are more demanding and include a more rigorous curriculum. They are challenging and will require more independent work.

THE ADVANCED PLACEMENT PROGRAM AND OFFERINGS

Advanced Placement classes provide students the opportunity to take high school courses using a college-level curriculum. Students enrolled in these classes may receive credit, placement, or both from over 2,900 colleges and universities participating in the Advanced Placement Program. In the spring, students take an AP exam covering the Advanced Placement course in which they are enrolled. An added benefit of taking AP classes is that the grade earned for these courses is weighted for the KEES scholarship if the student qualified for free/reduced lunch in high school. These are the only courses that students can earn weighted credit for on the KEES scholarship if they meet the qualifications. Advanced Placement courses make substantial academic demands on students. Students are required to do considerable outside reading, complete college-level assignments, and demonstrate the analytical skills and writing ability expected of first-year students in a strong college program.

COURSES

- AP English Language and Composition
- AP English Literature and Composition
- AP Biology
- AP Chemistry

DUAL CREDIT PROGRAM

Ashland Community and Technical College and Kentucky Christian University will participate in our Dual Credit Program. Students will receive college credit if they enroll in and meet the requirements of the dual credit classes. These classes are offered to seniors. These classes require a tuition fee per class and students will be required to purchase textbooks for each class. Placement in college classes is based on a student's GPA and ACT assessment scores. Classes taught by ECHS staff will be offered for \$75.00 per class. These will include 2 college English classes and 2-4 college math classes to be determined. We will also offer college classes taught by ACTC and KCU professors. These classes will cost around \$156.00 each. The state of Kentucky also provides each student with a dual credit scholarship that will pay for 2 college classes.

Juniors and seniors who attend Carter County Career and Technical School can also receive college credit from ACTC for specific classes taken. These classes are paid for through the Work Ready Scholarship offered by the state of Kentucky.

If you have any questions about our dual credit program, please contact Sheila Porter, ECHS dual credit coordinator at 474-6696 or sheila.porter@carter.kyschools.us.

CAREER AND TECHNICAL EDUCATION

Career and Technical Education is an essential component of the high school curriculum. For many students, it represents as much as a third of their high school experience. It is a critical component in meeting the needs of students in academic achievement, career exploration, career preparation, and leadership development. High-quality career and technical education programs are critical in preparing students for further study at the postsecondary level in a technical field or successful entry into the workforce following high school graduation. Therefore, a well-planned sequence of courses, which is focused on a career cluster, has a positive impact on student achievement during high school and student success following high school graduation.

ECCHS offers several career and technical programs which include: Agriculture; Business and Marketing Education; Family and Consumer Science; Health Science; Informational Technology; Carpentry; Welding; and Drafting/Pre-Engineering.

Students may select a career pathway (which is listed in the Course Description Guide) to follow in high school. Once they have selected this career path, they will need to take all the required classes and possibly one or more elective classes listed under the area to receive a certificate of completion for that career path. If students select a specific career path, the teachers in that area will provide the students with more detailed information about their courses.

Each year students from East Carter High School take the EOP (End of Program Assessment) administered by the CTE (Career and Technical Education) Department. The assessments are standards-driven and focused on occupational, employability, and academic competencies. This test is given to any students who have completed a career path. If students pass the test, they can receive a certificate of passing as well as some students may receive college credit at specific colleges and universities. The students may also take an industry certification by taking a test through their career and technical program.

Public Notice

Carter County Board of Education

Notice of Non-Discrimination

Students, their families, employees and potential employees of the Carter County School System are hereby notified that the Carter County School System does not discriminate on the basis of race, color, national origin, age, religion, marital status, sex or disability in employment, vocational programs, or activities and provides equal access to the Boy Scouts and other designated youth groups as set forth in compliance with federal and state statutes and regulations.

Any persons having inquiries concerning Carter County Schools' compliance with Title II, Title VI, Title IX and/or Section 504 may contact:

Ryan Tomolonis, Director of Personnel

Carter County Schools

228 South Carol Malone Blvd.

Grayson, KY, 41143

(606) 474-6696 ryan.tomolonis@carter.kyschools.us

The Carter County School System offers the following career and technical education programs for all students regardless of race, color, national origin, including those with limited English proficiency, sex or disability in grades 9-12: Agriculture, Business and Office Technology, Family and Consumer Sciences, Health Sciences, Information Technology, Drafting, Building Trades, and Welding. Persons seeking further information concerning the vocational education offerings and specific pre-requisite criteria should contact:

Mary Lou Deharte, CCCTC Principal

Carter County Schools

15 Grahn Road

Olive Hill, KY 41164

(606) 474-6696 (ext 43000) marylou.deharte@carter.kyschools.us

To obtain this information in a language other than English, call (606) 474-6696.

ECHS Title IX Coordinator: Brandon Baker
brandon.baker@carter.kyschools.us

ECHS 504 Coordinator: Matthew Clark
matthew.clark@carter.kyschools.us

COURSE DESCRIPTIONS



ENGLISH DEPARTMENT

230107 English 1 (RQ) Grade 9. This course will emphasize the study of various forms of writing, specifically letter writing, poetic forms, open-response items, personal expressive writing. Extensive units on grammar, mechanics, and usage will be featured in preparation for PLAN testing. Students will develop speaking, listening, observing, and inquiry skills. Students will incorporate technology to complete authentic tasks.

230108 Honors English 1 – (RQ) Grade 9.

Students enrolling in this course should have superior ability and achievement in language arts as indicated by grades, standardized test scores, and teacher recommendations. Students should be self-motivated. This course follows the curriculum of English I but at a higher academic level.

230110 English 2 (RQ) Grade 10 This course will emphasize the study of various persuasive and poetic forms of writing, and the use of open-response items. Intensive review units of grammar, mechanics, and usage will be featured in preparation for ACT testing. This course will also emphasize the study of high-quality literature to serve as models for the teaching of reading skills. Units will be taught on various forms of fiction and non-fiction, featuring informational reading, real-world reading, and the novel. Additional units of intentional review concerning the short story, poetry, and the 3.5 essays will also be included, as well as mini-units on writing conventions emphasized in ACT testing and open-response items.

230167 Advanced Placement Literature and Composition-(English 2) (RQ) Grade 10. Advanced students may elect to take this course in place of Advance English. The course is designed to engage students in the critical analysis of imaginative literature focusing on structures, style, and themes. The class is designed to prepare the student to write critical or analytical essays based on poems, prose, and complete novels or plays. Students will complete their senior writing portfolio, a state graduation requirement, and are required to take this course the entire year. The class will also prepare students to become skilled writers. Students will need to meet specific guidelines to be eligible to take this course, which will be indicated by grades, standardized test scores, attendance, and teacher recommendations. Summer work will be required. This is a weighted course if students take the Advanced Placement English Examination.

231297 Language Arts Skills Grades 9-10

This class will center around the Shared Inquiry method whereby students read passages and selections critically, participate in discussions surrounding these reading passages, support their ideas with evidence, listen to other participants and respond to them directly in order to gain meaning and generate ideas about their reading. Writing to learn will be an integral part of the class as students take notes, use graphic organizers to plan writing, revise their writing in response to feedback, and write descriptions, narratives, expository essays, and persuasive essays. Students will be placed in this class according to assessments scores and grades received in core classes.

230113 English 3 (RQ) Grade 11. This course provides a survey of American Literature, focusing on the analysis of major authors, styles, forms, and ideas. Students will analyze and evaluate various reading materials and respond critically to a variety of literary genres. Students will continue to develop transactive, personal, and literary writing, tailoring the use of language and conventions. The evaluation of sources with emphasis on analyzing, paraphrasing, and summarizing will again be emphasized. Primary instruction will include a concentration on rhetoric, drama, and content-specific writing assignments. On-Demand Writing and ACT Preparatory activities will also be emphasized.

230166 Advanced Placement Language/English 3 Students may elect to take this course in place of English III. The course is designed to help students become skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts. The class will also prepare students to become skilled writers. Students will need to meet specific guidelines to be eligible to take this course, which will be indicated by grades, standardized test scores, attendance, and teacher recommendations. Summer work will be required. This is a weighted course.

231212 RAIDER ACADEMIC: ENGLISH/READING Grade 11. (1 semester) Juniors will take this class to work on a variety of academic skills. They will learn test-taking skills and reading strategies. They will learn how to work with and interpret data, charts, and graphs. The students will learn writing skills and how to complete on-demand writing prompts.

230116 English 4 This course builds upon the previous skills taught in all former levels of English and includes a strong emphasis on the revision process in writing. Generally, the course is a survey of British Literature. Some major contemporary authors' works may also be studied. . This course is designed to provide students with an intensive opportunity to develop college preparatory writing skills of critical importance — specifically, a heightened ability to read, write, and reason analytically as well as to incorporate and document basic research into one's own writing. Additionally, this course emphasizes vocabulary development, proper application of grammar and usage, and organization and preparedness.

231295 CCR Reading and English 12 (RQ-if students do not meet ACT benchmark scores). This course is for students who need additional time and support or for students who may not have attained the benchmark on of a 20 in reading or an 18 in English on the ACT.

800011 English 101—KCU – Grade 12. Dual Credit Course for English 4. (1 semester) This course is designed for an accelerated student. Additionally, the students must meet the requirements for English 101, which includes an emphasis in argument; instruction and practice of reading critically; thinking logically responding to texts; developing research skills; writing substantial essays through systematic revision; addressing specific audiences, and expressing ideas in standard and correct English. Students will receive both high school credit and three hours of college credit for this class. Students will enroll with ACTC and will be required to order and purchase required textbooks for the class. The student must have an 18 in English on their ACT and a 3.0 GPA to qualify to take this class. This is a weighted course.

800012 English 102--KCU– Grade 12. Dual Credit Course for English 4. (1 semester) This course is designed for an accelerated student. Additionally, the students must meet the requirements for English 102, which includes an emphasis in argument; instruction and practice of reading critically; thinking logically responding to texts; developing research skills; writing substantial essays through systematic revision; addressing specific audiences, and expressing ideas in standard and correct English. Students will receive both high school credit and three hours of college credit for this class. Students will enroll with ACTC and will be required to order and to pay for textbooks. The student must have an 18 in English on their ACT and a 3.0 GPA to qualify to take this class. This is a weighted course.

800015 COM 101 ACTC Basic Public Speaking (EL) Grade 12. Dual Credit Course (1 semester) This course is designed to give the student platform experience in the fundamentals of effective speaking. A college instructor teaches this class from ACTC during the school day. Students will receive both high school credit and three hours of college credit for this class. Students will enroll with ACTC and will be required to order and pay for textbooks. The student must have a 20 in Reading, an 18 in English on their ACT, and a 3.0 GPA to qualify to take this class. This is a weighted course.

239141 Yearbook – (EL) Grade 11-12. If you are interested in being on the yearbook, you must apply and be accepted by the yearbook faculty sponsor. The school yearbook will be published as a result of writing and course assignments in this class.

MATHEMATICS DEPARTMENT

270304 Algebra 1 or 270305 Honors Algebra 1– (RQ) Grade 9. *Course Required for Graduation. This course is the study of high school Algebra 1 content. Upon completion of the course, students should be able to: (1) extend the properties of exponents to rational exponents; (2) reason quantitatively and use units to solve problems; (3) interpret the structure of linear, quadratic, and exponential expressions; (4) write expressions in equivalent forms to solve problems; (5) perform arithmetic operations on polynomials; (6) understand the relationship between zeros and factors of first and second degree polynomials; (7) create linear, quadratic, or exponential equations that describe numbers or relationships; (8) understand solving equations as a process of reasoning and explain the reasoning; (9) solve equations and inequalities in one variable and solve systems of linear equations in two variables; (10) represent and solve equations and inequalities (including systems of linear equations and inequalities) graphically; (11) understand the concept of a function, specifically a linear, quadratic or exponential function and use function notation; (12) interpret linear, quadratic and exponential functions that arise in applications in terms of the context; (13) analyze functions (especially linear and quadratic functions) using different representations; (14) build a function that models a relationship between two quantities; (15) construct and compare linear, quadratic and exponential models and solve problems; (16) interpret expressions for functions in terms of the situation they model; (17) summarize, represent and interpret data on two quantitative variables; and (18) interpret linear models. This course should be designed to meet the high school graduation credit for Algebra 1 and to build a solid foundation necessary for future high school mathematics courses. This course contains modeling standards.

270407 Math Skills Grades 9-10

This course is for students who need additional time and support to complete Algebra 1 and Geometry. It has a strong emphasis on real-world connections. Students are placed in this class based on their grades, assessment scores, and teacher recommendations.

270401 Geometry or 270402 (RQ) Grade 10. *Course Required for Graduation. This course is the study of high school Geometry content. Upon completion of the course, students should be able to (1) reason quantitatively and use units to solve problems; (2) experiment with transformations in the plane; (3) understand congruence in terms of rigid motions; (4) prove geometric theorems; (5) make geometric constructions; (6) understand similarity in terms of similarity transformations; (7) prove theorems involving similarity; (8) define trigonometric ratios and solve problems involving right triangles; (9) understand and apply theorems about circles; (10) translate between the geometric description and the equation for a conic section; (11) use coordinates to prove simple geometric theorems algebraically; (12) explain volume formulas and use them to solve problems; (13) visualize relationships between two-dimensional and three-dimensional objects; and (14) apply geometric concepts in modeling situations. Since the content of Applied Geometry, Technical Geometry, Honors Geometry, Accelerated Geometry and other courses named as an interdisciplinary geometry is High School Geometry, the course code 270401 - HS Geometry should be used; however, this course may be titled locally as Applied Geometry, Technical Geometry, Honors Geometry, Accelerated Geometry, MST Geometry or named as an interdisciplinary Geometry. This course contains modeling standards.

270311 Algebra 2 or 270311H Honors Algebra 2 - Grades 11 This course is the study of high school Algebra 2 content. Upon completion of the course, students should be able to (1) reason quantitatively and use units to solve problems; (2) perform arithmetic operations with complex numbers and use complex numbers as necessary within the process of solving quadratic equations; (3) perform operations on matrices and use matrices in applications; (4) interpret the structure of expressions; (5) write polynomial expressions in equivalent forms to solve problems; (6) understand the relationship between zeros and factors of polynomials; (7) create equations that describe numbers or relationships; (8) understand solving equations, including radical and rational equations, as a process of reasoning and explain the reasoning; (9) solve systems of equations consisting of linear and quadratic equations; (10) understand the concept of a function, use function notation and interpret functions that arise in applications in terms of the context; (11) analyze functions using different representations; (12) build a function that models a relationship between two quantities by combining standard function types using arithmetic operations; (13) construct and compare models and solve problems; (14) summarize, represent and interpret data on one or two categorical and quantitative variable(s); (15) understand and evaluate random processes underlying statistical experiments; (16) make inferences and justify conclusions from sample surveys, experiments and observational studies; (17) understand independence and conditional probability and use them to interpret data; and (18) use the rules of probability to compute probabilities of compound events.

270301 Integrated Mathematics III - Grade 11 Modeling links classroom mathematics and statistics to everyday life, work, and decision-making. Modeling is the process of choosing and using appropriate mathematics and statistics to analyze empirical situations, understand them better, and improve decisions. Quantities and their relationships in physical, economic, public policy, social, and everyday situations can be modeled using mathematical and statistical methods. When making mathematical models, technology is valuable for varying assumptions, exploring consequences, and comparing predictions with data.

270309 RAIDER ACADEMIC: MATH/SCIENCE Grade 11 (1 semester) Juniors will take this class to work on a variety of academic skills. They will learn test-taking skills and reading strategies. They will learn how to work with and interpret data, charts, and graphs. The students will learn writing skills and how to complete math writing prompts.

270719 Math Concepts (EL) Grades 12. This course is designed as an intervention course for seniors who have not met the benchmark of 19 on the ACT. It reviews basic math skills and skills designed to help students be successful in college or in a career. It has a strong emphasis on real-world connections.

060170 Personal Finance (EL) Grades 12. This course is designed to provide students with the knowledge and skills to manage one's financial resources effectively for lifetime financial security. Topics include economics, money in the economy, budgeting, credit, consumer rights, investments, and retirement planning. A correlation to the math content in the program of studies was used in developing this course to count as a 4th math elective.

800023 MAT 302 KCU College Intro. To Probably & Statistics (EL) Grade 11-12 Dual Credit Course (1 semester) These are rigorous courses that will be designed to teach students how to collect, analyze and draw conclusions from data. Students will study the following four broad conceptual themes established by the College Board: 1. Exploring data: Describing patterns and departures from patterns. 2. Sampling and Experimentation: Planning and conducting a study. 3. Anticipating Patterns: Exploring random phenomena using probability and simulation. 4. Statistical Inference: Estimating population parameters and testing hypotheses. It is a weighted course.

800021 MAT 221 KCU COLLEGE ALGEBRA– (EL) Grades 11-12 Dual Credit Course (1 semester) College Algebra is **the introductory course in algebra**. The course is designed to familiarize learners with fundamental mathematical concepts such as inequalities, polynomials, linear and quadratic equations, and logarithmic and exponential functions. It is a weighted course.

800022 MAT 114 KCU TRIGONOMETRY (EL) Grade 11-12 Dual Credit Course (1 semester) Trigonometry, the **branch of mathematics concerned with specific functions of angles and their application to calculations**. There are six functions of an angle commonly used in trigonometry. Their names and abbreviations are sine (sin), cosine (cos), tangent (tan), cotangent (cot), secant (sec), and cosecant (csc). It is a weighted course.

800024 MAT 220 KCU INTERMEDIATE ALGEBRA (EL) Grades 11- 12 Dual Credit Course (1 semester) Foundational math course designed to prepare students for **Math Problem Solving or College Algebra**. Mathematical thought and reasoning developed through the study of polynomials, factoring, rational expressions, exponents, roots and radicals, quadratic equations, functions, and graphing. It is a weighted course.

SCIENCE DEPARTMENT

303091 Integrated Science (RQ) Grade 9. This lab-based introductory course is organized based on the topical structure contained in the Kentucky Academic Standards for Science. Integrated Science I includes those standards listed within the topics of: Structure and Properties of Matter, Chemical Reactions, Structure and Function, Interdependent Relationships in Ecosystems, and Earth's Systems. These topics provide the foundational concepts needed for successive Integrated Science courses to build upon. Students will learn these core ideas within these topics through the use of science and engineering practices and crosscutting concepts. The science and engineering practices are skills students will use as they investigate the natural world and develop solutions to problems. The crosscutting concepts are conceptual ways of thinking that cross the domains of science. This course is intended to be offered as the first course of a sequence that includes 303092 Integrated Science II and 303093 Integrated Science III.

303092 Honors Integrated Science (RQ) Grade 9. See description for Integrated Science I course but will be taught at a more advanced level. Students enrolling in this course should have superior ability and achievement in science as indicated by grades, standardized test scores, and teacher recommendations.

303092 Integrated Science II- (RQ) Grade 10 This lab-based intermediate course is organized based on the topical structure contained in the Kentucky Academic Standards for Science. Integrated Science II includes those standards listed within the topics of: Forces and Interactions, Energy, Matter and Energy in Organisms and Ecosystems, Weather and Climate, and Human Sustainability. These topics build upon and extend the foundational concepts introduced in Integrated Science I. Students will learn these core ideas within these topics through the use of science and engineering practices and crosscutting concepts. The science and engineering practices are skills students will use as they investigate the natural world and develop solutions to problems. The crosscutting concepts are conceptual ways of thinking that cross the domains of science. This course is intended to be offered as the middle course of a sequence that includes 303091 Integrated Science I and 303093 Integrated Science III. Approval to offer this course must be made on an individual basis. Approval will be based upon the relative proportions of science disciplines addressed in the course syllabus and the credentials of the assigned teacher.

302646 Advanced Placement Biology (RQ) Grade 10 or Grade 11-12 (Elective Class)

AP Biology is designed to be the equivalent of a college introductory biology course usually taken by biology majors during their first year. It aims to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. The two main goals of AP Biology are to help students develop a conceptual framework for modern biology and to help students gain an appreciation of science as a process. The ongoing information explosion in biology makes these goals even more challenging. The primary emphasis in an AP Biology course should be on developing an understanding of concepts rather than on memorizing terms and technical details. This is a weighted course.

303093 Integrated Science III or 303094 Honors Integrated Science III (RQ) Grade 11. This lab-based culminating course is organized based on the topical structure contained in the Kentucky Academic Standards for Science. Integrated Science II includes those standards listed within the topics of: Waves and Electromagnetic Radiation, Inheritance and Variation of Traits, Natural Selection and Evolution, Space Systems, and History of Earth. These topics unify, extend, and complete the conceptual understandings contained in the Kentucky Academic Standards for Science. Students will learn these core ideas within these topics through the use of science and engineering practices and crosscutting concepts. The science and engineering practices are skills students will use as they investigate the natural world and develop solutions to problems. The crosscutting concepts are conceptual ways of thinking that cross the domains of science. This course is intended to be offered as the culminating course of a sequence that includes 303091 Integrated Science I and 303092 Integrated Science II. Approval to offer this course must be made on an individual basis. Approval will be based upon the relative proportions of science disciplines addressed in the course syllabus and the credentials of the assigned teacher.

304524 Chemistry I – (EL) Grade 11-12 This course is one in which the student should develop a mastery of the basic concepts of chemistry. This is a laboratory course. In this course, students develop critical thinking and problem-solving skills. This course is a college preparatory course for the student who plans to attend college and pursue a science-related degree.

304821 Physics – (EL) Grade 11-12. This course in science includes the study of the laws of motion and forces, the laws of conservation of energy, and the interactions of energy with matter. At the honors level, this course enriches or extends the curriculum by adding more complicated laboratory exercises, extensive reading and writing assignments, and independent student homework assignments.

SOCIAL STUDIES DEPARTMENT

459805 Social Studies I or 459805H Honors Social Studies I– (RQ) Grade 9. Generate compelling questions to frame thinking, inquiry, and/or understanding of key concepts in U.S. history. Develop knowledge, understanding, and/or thinking relative to key concepts in U.S. history framed by compelling questions. Investigating occurs through the exploration of the discipline strand standards. Examine the ways diverse groups viewed themselves and contributed to the identity of the United States in the world from 1877-present. Analyze changes to economic policies, the size of government, and the power of government between 1890-1945. Analyze the impact of economic institutions, including the Federal Reserve, property rights, legal systems, and corporations on the development of the United States from an agrarian to an industrial state from 1877-present. Assess the effectiveness of how people, organizations, government policies, labor laws, and economic systems have attempted to address working conditions and income distributions from 1877-present. Analyze the impact of technology and new ideas on American culture from 1877-present. Analyze the role of the United States in global affairs in the post-Cold War Era from 1991-present

450835 Social Studies II or Honors Social Studies II –(RQ) Grade 10 Thinking, inquiry, and/or understanding of key civics concepts. Generate supporting questions to develop knowledge, understanding, and/or thinking relative to key civics, economic, geographic concepts. Develop knowledge, thinking, inquiry, and/or understanding of key concepts in U.S. history and government. Develop knowledge, thinking, inquiry, and/or understanding of key concepts in world history.

450809 Social Studies III or 450812 Honors Social Studies III– (RQ) Grade 11 Topics that may be discussed in class are: Civil War, Wars that have taken place since 1865, other areas of conflict within politics, society and labor movements, The New Deal, and the Civil Rights Movement, The Immigrant Experience, Women's History, Native American History, Civil Rights, United States Government, Constitution and Issues, Supreme Court Cases, Rights of the Individual, Presidential Administrations and Political Movements in History. Research is part of the course work and the student learns and uses the elements of the historical method (investigation, evaluation, organization, and presentation).

800051 HIS 220 KCU American Government Grade 12 Dual Credit Course (1 semester) Beginning with a look at how government developed, this **course** covers such topics as our federal constitution, political parties, and government policy and involvement in various areas of our lives, including the economy, education, and foreign affairs. It is a weighted course.

800052 HCP 101 KCU Introduction to Psychology Grades 12 Dual Credit Course (1 semester) This course offers students an engaging introduction to the essential topics in psychology. Throughout this study of human behavior and the mind, you will gain insight into the history of the field of psychology, as well as explore current theories and issues in areas such as cognition, motivation, and wellness. It is a weighted course.

800054 HCP 201 KCU Developmental Psychology Grades 12 Dual Credit Course (1 semester) This course is a study of human growth and development. Emphasis is on major theories and perspectives as they relate to the physical, cognitive, and psychosocial aspects of development from conception to death. ... Course work includes projects which emphasize research. It is a weighted course.

ROTC – ARMY CORPS

To be eligible for enrollment and continuance in the ROTC program a student must:

- Be physically fit and able to participate fully in the school's physical education program.
- Be academically sound and have minimal disciplinary infractions.
- Conform to JROTC grooming standards including but not limited to:
 - Short haircuts for males.
 - No nail polish on uniform day.
 - No earrings for males while in ROTC compound or during ROTC functions
 - On uniform day, the only earrings allowed are single gold posts worn in the lower earlobes of female cadets.

580240 JROTC-1 Leadership Education – (EL) This course is designed to acquaint the student with the scope and nature of the JROTC program. Subject matter includes effective study techniques, leadership traits and fundamentals, ethical standards, and goal setting. Critical thinking skills and problem-solving are introduced as well as written and oral communication. Military organization study includes unit organization, history, customs and courtesies, patriotism, discipline, and the role of a unit leader. The student fires and qualifies in marksmanship training and studies health, first aid, and substance abuse, in addition to weekly physical training activities.

580241 ROTC-2 Leadership Education – (EL) This course builds upon the material presented in JROTC-1. Follow-up topics in leadership include an examination of leadership styles and principles to include leadership motivation, authority, and responsibility. Leadership dynamics, human behavior, problem-solving, and role-playing are stressed. Intermediate level public speaking, advanced first aid, drill, and the preparation and conduct of training are presented. Land navigation, military ceremonies, marksmanship training, and physical fitness assist the student in building self-confidence. *Instructor's approval is required.*

580242 ROTC-3 Leadership Training – (EL) This course emphasizes leadership instruction and application. Leadership topics include fundamentals of command and management techniques as well as leadership application. The student learns techniques of instruction, conducts classroom instruction, and develops training formats. Problem-solving skills emphasize group dynamics, critical thinking, resolution of conflicts, and counseling skills. Research papers encourage the study of current affairs, world ideologies, and current world leaders. The student receives advanced studies in weapons instruction, advanced marksmanship training, physical fitness, and drill. *Instructor's approval is required.*

580243 ROTC-4 Leadership Training – (EL) This course focuses on psychological factors of leadership, student self-analysis, attitudes of the officers and non-commissioned officers, preparation for command, communication of orders, and methods of exercising command. The student exercises officer leadership responsibilities, assists the Marine instructors, and participates in teaching drills, marksmanship, and physical fitness to junior students. *Instructor's approval is required.*

580244 ROTC Leadership/Staff Studies – (EL) This class is for junior and senior cadets who have been promoted and assigned as class leaders. *Instructor's approval is required.*

OCCUPATIONAL WORK EXPERIENCE

906010 Peer Mentor – (EL) Grade 12. This experience is for seniors interested in pursuing a career in special education. These peer teachers will be assigned to a self-contained classroom where they will work one-on-one with a student with special needs. Students must receive approval from the counselor and FMD teacher. Availability for this opportunity will be very limited.

906011 Peer Tutor– (EL) Grade 12. Students must be a senior with a cumulative GPA of 3.0 with good attendance, test scores, and discipline history. This student would be assigned to various locations, which could include the office or a classroom. Students must complete an application and must receive parent, teacher, and counselor approval. Availability limited. A committee will select these students.

909021 LMC Work-Study – (EL) Grades 11-12. Students must be a junior or senior with good attendance and discipline history. This course consists of a carefully planned knowledge base that provides a portion of the expertise necessary to keep a school library media center running smoothly. It offers high school students an excellent opportunity for public service learning and career exploration, as well as academic enrichment. The course offers work-study students an opportunity to acquire basic organizational and interpersonal skills necessary for the future and can be adapted to any work environment.

AGRICULTURAL DEPARTMENT

030715 (A & B) Principles of Agriculture A & B— (EL) Grade 9-10. This course provides instruction in the foundations of the various segments of the agricultural industry, animal science, plant and land science, and the youth organization (FFA), which will be the foci of the curriculum. The selection and planning of a supervised agricultural experience program and related record-keeping will be presented. Topics include animal science (horses, beef cattle, dairy cattle, sheep, swine, poultry, aquaculture, and pets); plant science (horticulture, landscaping, greenhouse, soils, and forestry; and agriculture careers.

010121 Agricultural Employability Skills (EL) Grades 10-12. Agricultural Employability Skills provides opportunities to develop skills in: job searching, preparing resumes, writing letters of application, job interviews, attitude at work, communicating effectively, human relations, and accepting responsibilities.

010131 Ag Business/Farm Management—(EL) Grade 10-12. A course that describes theories, principles, and the application of farm and business management principles including marketing, financial management, economics, record keeping, inventories, futures trading, labor management, etc.

010111 Agriculture Sales and Marketing (EL) Grade 10-12 This course provides an introduction to agricultural sales and marketing. It includes competition in the agriculture marketplace, marketing decisions, types of markets, contracting, government programs and regulations, personal development, employee and employer responsibilities, communications, promotion strategies, records, files, purchasing materials, stocking, selling, and business account procedures.

020221 Plant and Land Science—(EL) Grades 9-12. A course that describes the theories, principles, and science of Agronomy.

010611 Intro to Greenhouse Technology— (EL) Grades 9-12. Intro to Greenhouse and Crop Production develops basic scientific knowledge and skills pertaining to the management of soil and its effects on human and animal food and fiber production, the environment, and meeting basic needs of life. The relationship of soil to plant growth and horticulture will be emphasized.

010641 (A & B) Greenhouse Technology— (EL) Grades 10-12. This course teaches scientific inquiry relating to the greenhouse industry. Students will learn to maintain plants in the ECHS greenhouse as well as other locations on campus.

010610 Crop Technology—(EL) Grades 10-12. Crop Technology instruction concentrates on the production practices and current biotechnological applications of one or more agriculture crops. Hands-on experiences will be emphasized. Instruction will include variety selection, seedbed preparation, fertilization, pest, weed and disease control, harvesting, and marketing crops. Current biotechnological applications may be included. Content may be enhanced with appropriate computer applications. Agriculture

010110 Agriculture Communications—(EL) Grades 10-12. This course develops an understanding of the fundamental skills necessary to be successful in the agricultural communications industry. Provides guided practice and applied experience utilizing various styles of communication including oral, written, and electronic communications. Techniques of communications will include: traditional print media, brochure development, photography, videography, computer program applications, and Internet usage including e-mail.

030791 A/B Agriculture Education Internship (EL) Grades 11-12. Must be approved by Agriculture Instructor.

Cooperative Education for CTE courses provides supervised worksite experience related to the student's identified career pathway. An internship consists of a combination of classroom instruction and field experience. A student must be enrolled in an approved pathway course during the same school year that the co-op experience is completed or have already completed the pathway the previous year.

020501 Animal Science (EL) Grades 10-12. Animal Science develops basic knowledge and skills pertaining to livestock identification, selection, nutrition, reproduction and genetics, health management, and marketing of farm animals commonly produced in Kentucky.

020503 Small Animal Technology (EL) Grades 10-12. This course develops scientific knowledge, management practices, and marketing strategies in small and specialty animal technology. The curriculum includes identification, anatomy, physiology, nutrition, health, selection, and care of small animals.

020510 Equine Science (EL) Grades 10-12. Equine Science develops knowledge and skill pertaining to breed identification and selection, anatomy, physiology, nutrition, genetics, reproductive management, training principles, grooming, health disease, parasite control, and sanitation practices.

| HORTICULTURE or 2 Credits | 2-3 Credits | Sub 1 Credit |
|---|----------------------------------|----------------------------------|
| Agriscience | Greenhouse | Ag Employability Skills |
| Principles of Ag | Landscaping | Ag Sales/Marketing |
| | Intro to Greenhouse | Agriculture Education Internship |
| | Crop Technology | |
| AGRICULTURE POWER & TECHNICAL SYSTEMS 1 or 2 Credits | 2-3 Credits | Sub 1 Credit |
| Principles of Ag | Agriculture Construction Skills | Agriculture Education Internship |
| Agriscience | Small Power & Equipment | Ag Employability Skills |
| | Agriculture Power & Machinery | |
| | Agriculture Structures & Designs | |
| ANIMAL SCIENCE 1 or 2 Credits | 2-3 Credits | Sub 1 Credit |
| Principles of Ag | Animal Science | Farm Management |
| Agriscience | Animal Technology | Ag Employability Skills |
| | Equine Science | Ag Sales/Marketing |
| | Small Animal Tech | Agriculture Education Internship |

FAMILY AND CONSUMER SCIENCES

200441 (A & B) Foods & Nutrition (EL) Grade 10-12. This course is designed to assist students in making critical decisions about food, which contribute to health and well-being. Laboratory instruction is included as an application process. Practical problems addressed are related to attitudes toward food, nutrition facts, special health concerns and diets, preparation skills, and careers in nutrition and food-service.

200411 (A & B) Culinary Skills I (EL) Grade 10-12 Advanced course to provide training for employment in the hospitality services area of food-service; skills and concepts related to supportive services such as public relations, food, and beverage operation, management techniques and entrepreneurship; related on-job experiences.

200412 (A & B) Culinary Skills II (EL) Grade 11-12 In this course students resume progress in pursuing competencies in food production and services. Orientation to the food-service industry and development of food preparation skills are reinforced. Food-service management functions are introduced. More in-depth information is provided and higher levels of skills are taught. Time is provided for work-based learning opportunities. Leadership development will be provided through the Family, Career, and Community Leaders of America. Food preparation; bakery operation; dinner catering; model restaurant; laws and regulations; unions; safety, sanitation; receive, store and issue food are addressed.

200478 Culinary Arts Internship (EL) Grades 11-12 This course includes Servsafe Certification & potential college credit; food preparation and catering experience; internship in local restaurants or cafeterias; commercial kitchen experience and community service.

| CULINARY & FOOD SERVICES | | |
|-------------------------------------|---------------------|------------------------|
| 3 Credits | 1 Credit | ASSESSMENT |
| Foods & Nutrition | FACS Essentials | KOSSA--Culinary |
| Culinary 1 | Culinary Internship | Industry Cert—ServSafe |
| Culinary 2 | | |

Engineering Tech Design & Civil Designer

210221 Engineering I (EL) Grades 9-12 This course applies the skills, concepts, and principles of engineering. Students explore various technological systems and engineering processes in related career fields. Topics include investigating technological systems, design optimization, and problem-solving.

210222 Engineering II (EL) Grades 10-12 A project and research-based course that extends the learning experiences where students focus on mechanical, electrical, fluid, and thermal systems allowing in-depth explorations in selected disciplines of engineering areas.

210238 Robotics Engineering (EL) Grades 10-12 This course provides students with the foundation in content and skills associated with robotics and automation.

210118 Mechanical Engineering (EL) Grades 10-12 This course includes activities and real-world projects with state-of-the-art equipment and trainers. Students explore and study an introduction to engineering, engineering design problem solving, and engineering graphics with a 3-D parametric modeling software.

210232 Electrical Engineering (EL) Grades 10-12 In this course, students will gain skills and knowledge through classroom and lab activities in the areas of basic DC and AC circuits, circuit components, codes, testing, electromagnetism and inductance, capacitance, power supplies, power generations and distribution, amplification, digital, circuits, and computer fundamentals.

210117 Advanced Design Applications (EL) Grades 11-12 This course focuses on how engineers and technicians apply their creativity, resourcefulness, mathematical, technical, and scientific knowledge, and skills to solve authentic design problems.

| ENGINEERING TECH DESIGN | | |
|--------------------------------|------------------------|-------------------------|
| 1-2 Credits | 1-2 Credits | 1-2 Credits |
| Engineering 1 | Mechanical Engineering | Electrical Engineering |
| Engineering II | Robotics Engineering | Adv Design Applications |

Business & Technology Department

060112 (A & B) Digital Literacy – (EL) Grade 10-12 Entry-level computer course. Consists of increasing Words per Minute; using the home keys, using various programs such as Microsoft Word, Microsoft Excel; Microsoft Access to prepare documents. Also introduces Desk Top Publishing.

071097 (A & B) Microsoft Office -MOS -- (EL) Grade 10-12 Understanding and using Microsoft Office. This includes Word, Excel, Publisher, Power-Point, Access, and Outlook. Using the programs to create documents and integrating the programs together to produce documents. This is an advanced class that teaches step-by-step use of programs. Students can become certified in MOS.

060108 Business Internship (EL) Grades 12. Cooperative Education for CTE courses provides supervised work-site experience related to the student's identified career pathway. A student must be enrolled in an approved capstone course during the same school year that the co-op experience is completed.

060170 (A & B) Financial Literacy –(EL) Grade 9-12 This course is designed to provide students with the knowledge and skills to manage one's financial resources effectively for lifetime financial security. Topics include economics, money in the economy, budgeting, credit, consumer rights, investments, and retirement planning.

080716 (A & B) Principles of Marketing (EL) Grades 9-12 This course provides a basic foundation for further study in marketing. Students study economic functions at work in the marketplace, marketing functions including purchasing, pricing, and distribution functions. It includes communication skills, economics, financial analysis, and promotion.

060411 (A & B) Business Management (EL) Grades 11-12 This course emphasizes the skills needed for managing a business that involves the selection and supervision of employees including efficient use of time, personnel, facilities, and financial resources.

060199 (A & B) Web Page Design (EL) Grades 10-12 Students analyze the structure of the worldwide web, apply basic principles of web documents and HTML, and develop multimedia web pages. Equipment such as scanners, digital and video cameras, and sound recording devices will be utilized through hands-on instruction.

080310 (A & B) Entrepreneurship (EL) Grades 10-12 This course is designed to provide students the skills needed to effectively organize, develop, create and manage their own business. This course is based on improving communication skills and understanding economics, financial analysis, operations, promotion, and selling.

080772 (A & B) Math for Business and Industry (EL) Grades 9-12 This course enables students to explore mathematical content for personal, business, and industrial use; concepts are applied through problem-solving and real-world situations.

060111 (A & B) Business and Marketing Essentials (EL) Grades 9-12 It is an introductory business and marketing course which enables students to acquire a realistic understanding of business processes and activities. Students examine fundamental economic concepts, the business environment, and primary business activities.

| E-COMMERCE | | Students need 4 credits to complete a pathway | |
|---------------------------------|--|--|---------------------------------|
| 2-3 Credits | | 1-2 Credits | |
| Digital Literacy | | Entrepreneurship | Microsoft Office |
| Marketing Principles | | Business & Marketing Essentials | Ethical Leadership |
| Advertising & Promotion | | Promotional Applications & Media | Personal Finance |
| Multimedia Publishing | | Business Education Internship | |
| MANAGEMENT & | | ENTREPRENEURSHIP | |
| 2-3 Credits | | 1-2 Credit | |
| Business & Marketing Essentials | | Digital Literacy | Business Math |
| Entrepreneurship | | Microsoft Office | Personal Finance |
| Intro to Management | | Ethical Leadership | |
| | | Business Education Internship | |
| | | Marketing Principles | |
| MARKETING | | | |
| 2 Credits | | 2 Credits | |
| Marketing Principles | | Advertising & Promotion | Personal Finance |
| Marketing Applications | | Entrepreneurship | Business & Marketing Essentials |
| | | Promotional Applications & Media | Marketing Internship |
| | | Ethical Leadership | |

WORLD LANGUAGES

160408 French I – (EL) Grade 9-12. This course is an introduction to the French Language. This college preparatory course is geared for students with acceptable English skills and interests in learning a non-native language. The goals of French I are to introduce language study, to equip the student with basic vocabulary and grammar skills for minimum expression, and to develop the ability to read, speak, listen, and comprehend in simple French.

160409 French II – (EL) Grade 10-12. This course is a part of the continuing sequence of study begun in French I. The course offers students opportunities to improve in the three modes of communicating in French and increase their knowledge and understanding of the relationship of cultural products, practices, and perspectives of the French-speaking world.

ART

500712 Art—Drawing 1 & 2 (EL) Grade 9-12. This course is designed for beginning art students. It serves as an introduction to the basic principles of design in drawing and materials used in the production of art using techniques for using materials to create different drawings using different media. Appreciation and history will be integrated into these studies with an emphasis on art as a creative expression that communicates objects events, and ideas.

500713 Art—Painting 1 & 2 (A & B) Grade 9-12. This course is designed for beginning art students. It serves as an introduction to the basic principles of design in painting and materials used in the production of art using techniques for using materials to create different paintings using different types of materials. Appreciation and history will be integrated into these studies with an emphasis on art as a creative expression that communicates objects events, and ideas.

500704 (A & B) Advanced Art - (EL) Grades 10-12. This is a continuation of art portfolio preparation. Advanced Art is an independent study that provides in-depth, supervised studio art to the student with the recognized talent and vocational interest in the visual arts. *Prerequisite: Art 1, 2, and art instructor approval*

MUSIC

500925 Choir– (EL) Grades 9-12 This course includes the development of choral techniques through singing choral literature written for mixed voices and the development of basic tone production and choral techniques through singing three- and four-part choral literature. The course contributes to the development of the musicianship of the student through the use of supplementary materials related to general music education. It will also include more advanced development of tone production and choral techniques through singing choral literature and build upon previous vocal music experiences. It will concentrate on the vocal and musical development of each student. *Attendance is required at all outside performances. (will count as a humanities credit)*

500912 Music Appreciation– (EL) Grade 9-12. This course is designed for students interested in music. This class will study the different eras and types of music. Learn about music concepts. *(will count as a humanities credit)*

500914 Band – (EL) Grade 9-12. This class emphasizes individual and group technical training (skills) with emphasis placed on preparation and performance in marching band, musicals, seasonal music, concert activities, solo and ensemble participation, all-state and county activities, and jazz band development. The student electing this class should understand that all extra rehearsals and performances in both marching and pep bands are required in agreement with District guidelines. (The number of commitments may vary by year; however, the director will give as much advance information as possible concerning these performances and extra rehearsals.) *(will count as a humanities credit)*

HEALTH AND PHYSICAL EDUCATION

340133 Health (RQ) This is the secondary health education course required of all students. It consists of instruction in the following health areas: personal wellness, behavior choices, communicable and non-communicable diseases, mental and emotional health, self-management and coping strategies, nutrition, and safety and first-aid.

340216 Physical Education (RQ) This is the initial physical education course required of all students. It involves the teaching of lifetime leisure sports, individual sports, and team sports, focusing on physical fitness and its evaluation and maintenance. The student develops a personalized fitness program based on fitness goals.

340219 Advanced PE or Lifetime Fitness (EL) This course will focus on individual improvement in team-oriented activities and the rules of the activities. Activities include but are not limited to Touch Football, Soccer, Basketball, Softball, Volleyball., and Ultimate Frisbee. Also, students will learn about sportsmanship, advanced strategies of sports skills, and teamwork. Daily participation is mandatory. This will be a highly competitive sports and fitness class where to must demonstrate superior fitness and sports skills.

302850 (A & B) Athletic Training – (EL) Athletic training is designed for the study of principles and methods involved in the care, prevention, and treatment of athletic injuries. Other areas of study within the course include nutrition for sports, conditioning for injury prevention, first aid procedures, recognition and evaluation of injuries, protective equipment, and heat illness. This is an academic course that will include classroom, laboratory, and practical experience by serving each athletic event of the school. Students will need to obtain a specific number of participation hours outside of school at athletic events.

Students at ECHS may attend the Carter County Career and Technical School. This is a program for juniors and seniors. Our technical school is located in Pleasant Valley near the 1st Olive Hill Exit. Students can earn 3-4 elective credits per year. The school has created a dual credit program in connection with Ashland Community and Technical School and students can earn college credit at ACTC for many of these classes. The programs that are offered include welding; carpentry; and health sciences.

10th-grade students will have the opportunity to tour the school; observe the different classes offered, and speak with career and technical teachers before scheduling. They will be required to complete an application if they would like to be accepted into one of the programs at the school.

Due to the limited number of seats available for each program, a committee from the technical school will go through a very selective process to choose the right candidates for the school. To be selected for each program, the selection committee will consider a student's grades, attendance, and discipline record. Once students are selected for these programs, they will be expected to attend the classes for two years to complete the welding and construction program or one year to complete the health science. If you have any questions about the school or the program, please contact Mary Lou Deharte, Principal at 286-4022.

Students will be notified and a counselor will schedule classes for the career and technical school after committee decisions are made.

| 1-YEAR PROGRAM | | HEALTH SCIENCE | |
|------------------------------|--|-----------------------------|--|
| Allied Health | | | |
| 2 Credits | | 2 Credits | |
| Principles of Health Science | | Body Structures & Functions | |
| Medical Nurse Aide | | Medical Terminology | |
| | | | |

| 2-YEAR PROGRAM | | WELDING | |
|----------------------------|--|--------------------------|--|
| JUNIOR YEAR | | SENIOR YEAR | |
| Shielded Metal Arc Welding | | GTAW Groove Lab | |
| SMAW Open Groove Welding | | Gas Tungsten Arc Welding | |
| | | | |

| 2-YEAR PROGRAM | | CARPENTRY | |
|----------------------------------|--|------------------------------|--|
| JUNIOR YEAR | | SENIOR YEAR | |
| Intro to Construction Technology | | Exterior/Interior Finish | |
| Floor and Wall Framing | | Site Layout & Foundation | |
| | | Industrial Safety | |
| | | Special Topics: Construction | |