

# *McCreary Central High School*

## Our Goals

- To ensure that all students are given a challenging curriculum that prepares them for post-secondary school technical training, career, or military service
- To ensure that courses clearly relate to students' lives and goals
- To ensure that teachers and administrators serve as mentors and encourage them to achieve their fullest potential.



2022 - 2023 Curriculum Guide

*Achievement, Success, Pride, Tradition*

## **TO OUR STUDENTS**

The Kentucky Career Guide published by the Workforce Development states: "Your journey through high school will help you have a successful transition to adult life." Throughout your high school years, you will make many important decisions. Two such decisions are: (1) to graduate from high school, and (2) to choose an appropriate career path that matches your interests and abilities. Ask your parents/guardians, other family members, teachers, school counselors, school administrators, and employers about careers that interest you. Personally choose a career path that seems best for you, and enroll in courses and work experiences in the career.

## **A SPECIAL MESSAGE FOR PARENTS**

The "Kentucky Career Guide" states: "You are the single most powerful influence on your child's career planning. Statistics show that high school students and graduates rank their parents above teachers and counselors as significant career-planning resources. Choosing a career is an important process in your child's life, a process that requires your guidance and support. Your child's decision to attend college, a vocational or proprietary school, enter military service, or enter the labor force directly after high school depends greatly on the information he or she receives. Keep in mind that no matter how much help and information you provide, a career choice is always a personal decision. If you help your child now, a good start toward a solid and exciting future is enhanced."

## **ENROLLMENT REQUIREMENTS**

General Requirements Prior to Enrollment in McCreary County Schools (Revised 99)

1. 704 KAR 3:410/707 KAR 1:150. A copy of a legal Birth Certificate. KRS 158:032 (3). Upon enrollment of a student for the first time in ANY elementary or secondary school, the school shall notify in writing the person enrolling the student that within (30) days the person shall provide either:
  - (a) A certified copy of the students birth certificate, or
  - (b) Other reliable proof of the students' identity and age, and an affidavit of the inability to produce a copy of the birth certificate.

\*Students can enroll if a copy of the birth certificate application and a copy of the money order can be provided to the school.

\*If a birth certificate is not produced within thirty (30) days a written notice is to be given to the parents advising them they have ten (10) days to submit the birth certificate, or they will be reported to the Missing Child Information Center and local law enforcement officials.

2. KRS 158:035/902 KAR 2:060 A Kentucky Certificate of Immunization showing that the student is up to date according to Kentucky immunization law, or a certificate from another state showing adequate immunization status. An out of state certificate must provide the following information:
  - (a) Name of student;
  - (b) Birthday of student;
  - (c) Name of parent or guardian;
  - (d) Address, including street, city state, zip code;
  - (e) Type of vaccine;
  - (f) Date that each dose of each vaccine was administered;
  - (g) Certification that a child is current for immunization until a specified date, including a statement that the certificate shall not be valid after the specified date;
  - (h) The signature of the physician, health department administrator, or his/her designee;
  - (i) The date of the signature of the physician, health department administrator, or his/her designee.  
(Provisional Certificates can be accepted for a limited period of time.)

3. Reference: KRS 214.036 Immunization exceptions:
  - (a) Medical exception with a doctors statement;
  - (b) Religious exception with sworn parent statement.
4. 704 KAR 3:410/707 KAR 1:150 A Social Security Number.
  - (a) A copy of the application for a social security number will be acceptable for Enrollment.
5. 704 KAR 4:020 Physical Examination
6. HB 131 TB Skin Test.
  - (a) Skin tests are not required for new students enrolling after June 30. 1998.
  - (b) Students must have a physical examination within six (6) months prior to enrollment in pre-school or kindergarten and within one year prior to enrollment in the sixth (6<sup>th</sup>) grade.
  - (c) The medical examination shall be reported on forms prescribed by the Department of Education and entitled, "School Medical Examination Form". (See page 72 in the School Services Health Manual.)
  - (d) \*Children transferring into the district must comply with the above requirements (See page 63 in the School Services Health Manual.)
7. 707 KAR 1:180, Section 10 Appointment of surrogate parents. The rights of a student shall be protected: if no parent can be identified, no parent can be located or the child is a ward of the state. (A ward of the state means that all parental rights have been terminated by a court order). There may be cases in which a student is in foster care, but parental rights have not been terminated. (When a student is in special education, the parents would need to be invited to ARC meetings, and with their permission, the foster parents could also attend. If a child needs a surrogate:
  - A. Give the completed form "Limited Power of Attorney" to person enrolling the student.Note: the "Limited Power of Attorney" must be notarized and turned in to the school prior to enrollment.

## **REQUIREMENTS FOR CONFIDENTIALITY AND FAMILY EDUCATIONAL RIGHTS AND PRIVACY ACT (FERPA)**

### WHO CAN HAVE RIGHTS AND CAN GIVE CONSENT?

**A student who is 18 or older, or the parent of a student who is not yet eighteen (18), can exercise the right to give the required consent.**

POLICY REQUIREMENTS: A school district must adopt, make available copies, and annually notify students and parents of a policy of:

- a. Informing them of their rights.
- b. Not disclosing personally identifiable information from student records without their prior written consent.
- c. Maintaining the record of disclosures of personally identifiable information
- d. Providing them an opportunity to seek the correction of records.

RIGHT TO INSPECT RECORDS: A school district must permit a student or parent to inspect and obtain a copy of student records within a reasonable time (no more than 45 days after requested).

RIGHT TO AMEND RECORDS: A student or a parent, who believes that information contained in the records is inaccurate or misleading, or violates the privacy of other rights, may request the records be amended. If a school district decides to refuse, it must inform the student or parent and advise them of the right to a hearing.

RIGHT TO CONFIDENTIALITY: A school District must obtain the written consent of the student or parent before disclosing personally identifiable information from student records except:

- a. To other school officials, including teachers, have legitimate educational interest.
- b. To officials of another school where the student seeks to enroll.
- c. To the U.S. Comptroller General, U.S. Secretary of Education, or state educational authorities.
- d. In connection with a student's application for financial aid
- e. To state and local officials, if authorized by a state statute.
- f. To organizations conducting studies, developing tests, administering student aid programs, and improving instruction.
- g. To accrediting organizations or their function.
- h. To parents of a dependent student, as defined in the Internal Revenue Code.
- i. To comply with a court order or subpoena.
- j. To appropriate parties in a health or safety emergency.
- k. "Directory information" can be disclosed from student records without student or parent consent, including the student's name, address, telephone number, date and place of birth, major field of study, participation in officially recognized activities and sports, weight and height or members of athletic teams, dates of attendance, degrees and awards received, the most recent previous educational agency attended, and other similar information. A school district must keep a record of each request and disclosure.

### **Credit/Grade Placement Requirements 2022 - 2023**

Grade 10	6 credits
Grade 11	12 credits
Grade 12	18 credits with 24 to graduate

- Graduation requires attendance for four years (8 semesters) of high school study. Students are expected to attend school regularly and be punctual.
- The specific school attendance policy is found in the "Student Discipline Guide."
- Each student must complete a portfolio, scoring at or above the Apprentice level in English IV prior to graduation.
- Each student must pass the state-mandated Civics test with at least an 80%.
- Each student must demonstrate competency in technology.
- Each student must receive instruction in essential workplace ethics
- Students in attendance at McCreary Central for four years must take the appropriate Kentucky State testing.

### **Kentucky Early Graduation**

#### **Early Graduation Guidance Information for Students, Parents, Schools and Districts**

Early Graduation is a deliberate pathway for students in grades 9-11 who wish to move on when ready, receive a diploma from the district and be eligible for acceptance into Kentucky public universities and non-profit independent colleges and universities. The pathway provides a financial scholarship, known as the Early Graduation Certificate, to support this action. Students participating in the pathway must meet the requirements set forth by 704 KAR 3:305 including those listed below.

- Students must notify the school principal within the first 30 days of the school year in which they intend to graduate.

- Students must enter the Early Graduation pathway prior to October 1 of the year in which they intend to graduate early.
- Students must graduate in three years or less. Students exceeding three years do not qualify for the incentives identified with Early Graduation.
- Students must take and achieve ACT benchmarks as designated by the Council for Postsecondary Education (CPE): English-18, Reading-20, Math-19
- Students must take and score proficient on all required End-of-Course Assessments (EOCs). To meet this requirement, the Kentucky Department of Education (KDE) will provide EOCs for those students participating in the Early Graduation pathway during the 2022-2023 school year.

The following topics should be discussed and considered by students, parents and school personnel prior to declaring an intent to participate in the Early Graduation pathway:

- All children are unique, so as you think about Early Graduation; there are many factors which could affect the student's and/or parent's decision to pursue this pathway.
- Social/emotional maturity
- Future goals and aspirations
- Student's desire to take multiple Advanced Placement (AP) or dual credit courses in high school
- Financial readiness to support college tuition
- Student's ability to complete the requirements for Early Graduation within three years or less
- Participation in local events traditionally determined by grade classification (i.e. prom attendance, valedictorian, Governor's Scholar programs, etc.)

The above information was from the KDE website:

[https://education.ky.gov/educational/AL/earlygrad/Documents/Early\\_Graduation\\_Guidance.pdf](https://education.ky.gov/educational/AL/earlygrad/Documents/Early_Graduation_Guidance.pdf)

For more information visit visit: <https://education.ky.gov/educational/AL/earlygrad/Pages/default.aspx>

## **Scheduling**

Whether or not a particular course will be taught, depends upon the demand for that course. When enrollment is not sufficient, a course will be dropped. For this reason, it is important to indicate alternative choices in making course selections during the Pre-Registration process. Parents and students are also encouraged to ask questions of the school staff regarding any information in this book.

To assist students in successful completion of high school courses, McCreary Central High School provides the extended services of after school tutoring and summer session. In addition to these programs, MCHS also provides credit recovery opportunities through APEX. We also provide computer lab facilities that offer times for writing and internet use.

## **Awarding of Credits**

Credits are awarded at the end of the term in which a course is offered. Half-credits will be awarded in CTE elective courses only for those students who are re-scheduled by administrative review for support

in a specific content area. All year-long course credits will be posted to student transcripts at the end of the academic year. Any transferring students from a block schedule must complete any remaining course material through credit recovery.

## **SCHOLARSHIP APPLICATIONS**

Applications for some college scholarships are located in the Transition Center. A listing of major scholarships is provided to students through daily announcements and their “MCHS Class of \_\_\_\_\_” google classroom. Students should check with individual schools for specific scholarships that may be available. Students applying for scholarships should remember that good grades, good citizenship, and leadership are essential.

## **KENTUCKY EDUCATIONAL EXCELLENCE SCHOLARSHIP (KEES)**

KEES is administered by the Kentucky Higher Education Assistance Authority (KHEAA). Students can earn scholarships for college or technical school by making good grades in high school. Scholarships are based on the students' GPA for each year in high school and bonus awards are based on their highest ACT score achieved before graduating from high school. Students must have an annual 2.5 or higher GPA for the base amount of the scholarship and a 15 or above ACT score or equivalent SAT score for the bonus award. In order to qualify for KEES money, students must be enrolled in 5 credit courses per year. The scholarship can be used at any participating accredited public or private institution in Kentucky, including community and technical colleges. More information can be obtained on the KEES scholarship by accessing the web site of Kentucky Higher Education Assistance Authority at [www.kheaa.com](http://www.kheaa.com).

### Grading Scale

A = 90 – 100

B = 80 – 89

C = 70 – 79

D = 60 – 69

F = below 60

A+ = 98 – 100

A = 92 – 97

A- = 90 – 91

B+ = 88 – 89

B = 82 – 87

B- = 80 – 81

C+ = 78 – 79

C = 72 – 77

C- = 70 – 71

D+ = 68 – 69

D = 62 – 67

D- = 60 – 61

F = 0 – 59

# McCreary Central High School



## Graduation Progress Sheet

### Required English (4 credits)

- English 1 (9th)
- English 2 (10th)
- JR English (11th)
- SR English (12th)

### Required Math (4 credits)

- Algebra 1
- Geometry
- JR Math
- SR Math

### Required Social Studies (3 credits)

- World History/World Geography (9th)
- US Government (10th)
- US History (11th)

### Required Science (3 credits)

- Earth Space Science (9th)
- Biology (10th)
- Chemistry (11th)

### Other Courses (2 credits)

- Integrated Health/PE (9th)
- Arts & Humanities  
(Art, Art of a Short Story, Band, Choir, Drama)

### Other Requirements

- Writing Portfolio at or above Apprentice
- Passed Civics Exam with an 80%
- Met Competency in Technology

Electives	Courses Needed

Total Current Credits

Total Possible Credits this Year

If your child is not on track to graduate, please contact the Guidance Office to discuss possible alternative educational programming which may be available to your student.

# DECLARING A CAREER PATHWAY

<p><b><u>Environmental Science and Natural Resources</u></b> <b>03.0101.00</b></p> <ul style="list-style-type: none"> <li>• Principles of Agriculture</li> <li>• Forestry</li> <li>• Wildlife Resources</li> <li>• Introduction to Greenhouse and Crop Production</li> <li>• Agriscience</li> </ul> <p>#EOP Assessment- Articulated Credit</p>	<p><b><u>Army JROTC</u></b> <b>28.0301.00</b></p> <ul style="list-style-type: none"> <li>• JROTC LET I</li> <li>• JROTC LET II</li> <li>• JROTC LET III</li> <li>• JROTC LET IV</li> <li>• JROTC Leadership</li> </ul> <p>**JROTC 3 Year Certificate of Training</p>	<p><b><u>Automotive Maintenance and Light Repair</u></b> <b>47.0604.01</b></p> <ul style="list-style-type: none"> <li>• Auto MLR: A</li> <li>• Auto MLR: B</li> <li>• Auto MLR: C</li> <li>• Auto MLR: D</li> </ul> <p>**ASE Student Certification: Auto Maintenance &amp; Light Repair</p>	<p><b><u>Residential Carpenter Assistant</u></b> <b>46.0201.02</b></p> <ul style="list-style-type: none"> <li>• Introduction to Construction</li> <li>• Floor and Wall Framing</li> <li>• Ceiling and Roof Framing</li> <li>• Exterior and Interior Finish</li> </ul> <p>** 2 Exams Required (HIGH DEMAND) --NCCER Core Curriculum &amp; --Construction Carpentry Level 1</p>
<p><b><u>Marketing</u></b> <b>52.1401.01</b></p> <ul style="list-style-type: none"> <li>• Marketing Principles</li> <li>• Retail Marketing</li> <li>• Sports and Event Marketing</li> <li>• Marketing Applications</li> </ul> <p>#EOP Assessment- Articulated Credit **ASK Fundamental Marketing Concepts (HIGH DEMAND)</p>	<div style="display: flex; align-items: center; justify-content: center;">  <div style="text-align: left;"> <p><b>2022-2023</b></p> <p>McCreary Central High School currently offers 13 career pathways in high demand industry sectors in the state of Kentucky. These pathways offer dual credit opportunities with KCTCS, articulated credit with Kentucky state universities and the Tennessee College of Applied Technology, as well as provides work based learning initiatives including; job shadowing, apprenticeships, internships and co-op opportunities. Freshmen and Sophomores at McCreary Central are provided opportunities to explore these career pathways. At the end of their Sophomore year, students, in collaboration with parents and advocates, declare a career pathway. Declaring a pathway ensures students are on track to meet the graduation qualifiers under Kentucky's graduation requirements. Students have an opportunity to earn nationally recognized industry certifications and gain the necessary soft skills needed to thrive in today's work environment.</p> <ul style="list-style-type: none"> <li>• <b>Pathway Names: Black Heading</b></li> <li>• <b>Required Course: Bulleted</b></li> <li>• <b>Industry Certifications: **</b></li> <li>• <b>Dual Credit: (@)</b></li> <li>• <b>Articulated Credit: #</b></li> </ul> <p><b>Articulation Link:</b> <a href="https://education.ky.gov/CTE/cter/Pages/ArtAgree.aspx">https://education.ky.gov/CTE/cter/Pages/ArtAgree.aspx</a></p> </div> </div>		<p><b><u>Manufacturing Track</u></b> <b>Senior Year Only</b> <b>48.0500.99</b></p> <ul style="list-style-type: none"> <li>• WLD 120 &amp; 121 @</li> <li>• WLD 140 &amp; 141 @</li> <li>• WLD 123 @</li> <li>• WLD 143 @</li> </ul> <p>**Vertical Fillet, Overhead Fillet, Horizontal Groove, Vertical Groove, Overhead Groove</p>
<p><b><u>Mechanical Engineering</u></b> <b>14.3501.00</b></p> <ul style="list-style-type: none"> <li>• Engineering I</li> <li>• Engineering II</li> <li>• Mechanical Engineering</li> <li>• Advanced Design Applications</li> </ul> <p>**Autodesk AutoCAD Certified User (Other options available also) (HIGH DEMAND)</p>	<p><b><u>Network Administration</u></b> <b>11.0901.01</b></p> <ul style="list-style-type: none"> <li>• Computer Literacy</li> <li>• Computational Thinking</li> <li>• Introduction to Network Concepts</li> <li>• Internet Technologies</li> </ul> <p>**CompTIA Network+ (High Demand)</p>		<p><b><u>Teaching and Learning</u></b> <b>13.0101.00</b></p> <ul style="list-style-type: none"> <li>• ED220 331030 Intro to Teaching/ The Learning Community (@)</li> <li>• ED300 331020 Human Development (@)</li> <li>• ED 310 Instructional Technology (@)</li> <li>• ED325-01 Teaching Diverse Learners (@)</li> </ul> <p>@Campbellsville University in partnership with McCreary County Schools</p>
<p><b><u>Phlebotomy Technician</u></b> <b>51.1009.01</b></p> <ul style="list-style-type: none"> <li>• Principles of Health Science</li> <li>• Emergency Procedures</li> <li>• Medical Terminology</li> <li>• Body Structures &amp; Functions or Anatomy</li> <li>• Medical Laboratory Aide (@)</li> </ul> <p>**NHA Certified Phlebotomy Technician</p>	<p><b><u>Allied Health</u></b> <b>51.0000.01</b></p> <ul style="list-style-type: none"> <li>• Principles of Health Science</li> <li>• Emergency Procedures</li> <li>• Medical Terminology</li> <li>• Body Structures &amp; Functions or Anatomy</li> <li>• Allied Health Core Skills</li> </ul> <p>**NOCTI Healthcare Core (HIGH DEMAND)</p>	<p><b><u>Pre-Nursing</u></b> <b>51.2699.01</b></p> <ul style="list-style-type: none"> <li>• Principles of Health Science</li> <li>• Emergency Procedures</li> <li>• Medical Terminology</li> <li>• Body Structures &amp; Functions or Anatomy</li> <li>• Medicaid Nurse Aide (@)</li> </ul> <p>**State Registered Nursing Assistant (SRNA)/Medicaid Nurse Aide (MNA) (HIGH DEMAND)</p>	<p><b><u>Teaching and Learning</u></b> <b>13.0101.00</b></p> <ul style="list-style-type: none"> <li>• ED220 331030 Intro to Teaching/ The Learning Community (@)</li> <li>• ED300 331020 Human Development (@)</li> <li>• ED 310 Instructional Technology (@)</li> <li>• ED325-01 Teaching Diverse Learners (@)</li> </ul> <p>@Campbellsville University in partnership with McCreary County Schools</p>

After exploring career pathways during my freshman and sophomore year and reviewing their courses, I declare my career path major to be \_\_\_\_\_ . My second choice (if interested) is \_\_\_\_\_

Student Signature \_\_\_\_\_ Parent Signature \_\_\_\_\_



## **Departmental Index**

Page 10	--- Arts & Humanities
12	--- Automotive Maintenance and Light Repair
14	--- Environmental Science & Natural Resources
	<u>Health Sciences</u>
16	--- Allied Health
17	--- Pre-Nursing
20	--- Phlebotomy
23	--- Network Administration
24	--- Marketing
25	--- Mechanical Engineering
26	--- Residential Carpenter Assistant
28	--- Miscellaneous
28	— Education
29	--- Welding
30	--- English
32	--- Foreign Language
33	--- Army - JROTC
34	--- Mathematics
36	--- Physical Education
37	--- Science
39	--- Social Studies
40	--- Distance Learning
41	--- Dual Enrollment
42	— Dual Credit
45	--- BETA Club and NHS Guidelines
46	--- Valedictorian & Salutatorian
47	--- NCAA Division I
49	--- NCAA Division II
51	--- NAIA

# Course Descriptions

## Arts & Humanities

### Course #500513B Applications of Performing Arts (1 credit) Grades 9-12

Students will be learning the basics of acting and improvisation for the class. This class chooses and produces the school play. Students will participate in the prop, costume, set, make-up and sound design for the school play.

### Course #500513A Advanced Performing Arts (1 credit) Grades 10-12

Students will be learning the basics of acting and improvisation for the class. This class chooses and produces the school play. Students will participate in the prop, costume, set, make-up and sound design for the school play. Prerequisite: Students must have completed Applications of Performing Arts

### Course #500512 Theatre Design & Technology (1 credit) Grades 11-12

Theatre Stagecraft-Comprehensive courses are intended to promote students' experience and skill development in one or more aspects of theatrical production. Introductory courses provide an <https://youtu.be/a4ITwNjrms4> overview of theatrical elements including acting, set design, stage management, directing, playwriting, and production. Advanced courses concentrate on extending and refining technique, expanding students' exposure to different types of theatrical techniques and traditions, and to increasing their participation in public productions. These courses provide a discussion of career and post-secondary placement opportunities.

### Course # 500712 General Art 1 (1 credit) Grades 9 – 12

This course is designed to expose the student to basic art principles and elements of design. Drawing and color techniques are introduced. Art History is taught through the text, films and educational programs. Art terms and processes and the relationship of art to society are introduced during the school year.

### Course # 500611 Visual Art Photography (1 credit) Grades 10 – 12

Photography courses engage students in learning opportunities for applying photographic media, techniques, and processes. These courses focus on development of photographic compositions through manipulation of the elements of art and principles of design. Students learn to make meaningful visual statements with an emphasis on personal creative expression to communicate ideas, feelings, or values. The history of photography, historic movements, image manipulation, critical analysis, and some creative special effects may also be included in this course. Students engage in critiques of their photographic images, the works of other students, and those by professional photographers. Photography courses may employ traditional film processes and/or digital and other electronic processes. **Prerequisite: Students must have completed General Art with at least a C. *This course is offered every other year. It will not be offered during the 2022-2023 school year.***

**Course #500712B General Art 2 (1 credit) Grades 10 – 12**

This course is designed to continue the development of a students' artistic techniques. More advanced processes are introduced, such as painting and sculpture. Contemporary Art History is taught through the text, films and educational programs. Art terms and processes and the relationship of art to society are introduced during the school year. **Prerequisite: Students must have completed General Art with at least a C. *This course is only offered during every other year. It will be offered during the 2022-2023 school year.***

**Course #500922 Music Keyboarding (1 credit) Grades 11 – 12**

Music Keyboarding develops fundamentals of music including music reading and use of the elements of music along with keyboard playing techniques for piano and/or electronic keyboard instruments. As students develop performance skills, techniques and music literature become more advanced. Course covers the structures, humanities, purposes, processes, and interrelationships of the arts as they apply to music.

**Course #230140 Art of a Short Story (1 credit) Grades 11 – 12**

Stories and Artistic pieces are fundamental parts of every culture; they help us to develop meaning and to understand ourselves, each other, and our place in the world. This course explores the complex interplay between images generated through the written and spoken word and how each is interpreted through the use of mixed media in Art. Selected short stories and poetry will be read and analyzed for their literary significance as well as interpreted in a variety of artistic designs.

Objectives: In this class, students will:

- Enhance their ability to understand, appreciate, and discuss works of literature through extensive reading and discussion of short stories and poetry.
- Develop an understanding of art including (but not limited to): art elements, principles of art, and art periods/movements.
- Develop and refine artistic technique and work for presentation that reflect individual interpretation of text(s) covered.
- Distinguish between different materials or artistic techniques for preparing artwork for presentation.

**Course #500913B Beginning Band (1 credit) Grades 9 – 12**

This ensemble is open to students interested in learning an instrument. Its function is to eventually place students in the Senior Band. Students must attend all performances and rehearsals throughout the year. Students must provide their own instrument or rent an instrument. Students will perform music of all styles, and begin to develop a musical vocabulary.

**Course #500913A Advanced Band (1 credit) Grades 9 – 12**

This ensemble is open to any student through audition or previous credit in a performance class. Students are expected to attend all performances and rehearsals throughout the year. Students must provide their own instruments or rent an instrument. Students will perform music of all styles, and develop a musical vocabulary. The 1st semester is devoted to the Marching Band and the Christmas concert. Students are required to attend all after school rehearsals. The 2nd semester is devoted to Concert Band and Pep Band. Students are required to attend all scheduled basketball games at which the band plays. This band attends KMEA Concert Band Adjudication in April.

**Course #500925CC Concert Choir (1 credit) Grades 9 – 12**

Concert Choir is a mixed (boys and girls) choir. This class is focused on introducing key choral concepts necessary for being a successful vocalist. These include sight-reading, proper vocal technique, breath support, and diction skills. Students will learn and apply solfege syllables to scales and melodies, and will learn to read and count rhythms. Students will perform a variety of choral music from the Renaissance through the Contemporary Period. Students will be individually assessed on their level of vocal and sight-reading ability at the beginning of the term, along with periodic solo evaluations to monitor student progress in these areas. Students will also be required to reflect on their progress and performances through written assignments and various projects. Students in this group are expected to attend all after-school performances throughout the year.

**Course #500926MC McCreary Central Madrigal Singers (1 credit) Grades 10-12**

McCreary Central Madrigal Singers is an auditioned mixed (boys and girls) vocal ensemble. Students selected for this group demonstrate outstanding vocal ability, sight-reading skills, leadership qualities, regular school attendance, and strong academic goals. This course has an emphasis on the audition process and gaining choral experience. Students enrolled in this course are expected to audition and participate in honors choirs. Students in this group are expected to attend all additional after-school rehearsals and performances throughout the year. ***Prerequisite: Individual audition to demonstrate required level of sight-reading ability and vocal quality for committee.***

**Course #MUS125CU Dual Credit Understanding Music (½ credit) Grades 11-12**

This Campbellsville University course will tentatively be offered through the McCreary Central Dual Credit Program (see page 42). An introductory course for non-music students, Understanding Music investigates the purposes and functions of music in our own western culture and in other cultures. It also provides the student with “tools” to enable critical listening to and understanding of music in a wide variety of styles.

## **Career & Technical Education**

### **Career Pathway:**

### **Automotive Maintenance and Light Repair**

**Course #470507 - Automotive Maintenance & Light Repair and Lab Section A (1 credit) Grade 9-10**

These courses introduce the student to the principles, theories, and concepts of Automotive Technology, and include instruction in the maintenance and light repair of Engines, Brake Systems, Electrical/Electronic Systems, Suspension and Steering Systems, Automatic and Manual Transmission/Transaxles, and Engine Performance Systems. In all areas, appropriate theory, safety, and support instruction will be taught and required for performing each task, including proper care and cleaning of customers' vehicles. The instruction will also include identification and use of appropriate tools and testing/measurement equipment required to accomplish certain tasks. The student will also receive the necessary training to locate and use current reference and training materials from accepted industry publications and resources, and demonstrate the ability to write work orders.

**Course #470509 - Automotive Maintenance & Light Repair and Lab Section B (1credit)Grade 10-11**

These courses introduce the student to the principles, theories, and concepts of Automotive Technology, and include instruction in the maintenance and light repair of Engines, Brake Systems, Electrical/Electronic Systems, Suspension and Steering Systems, Automatic and Manual Transmission/Transaxles, and Engine Performance Systems. In all areas, appropriate theory, safety, and support instruction will be taught and required for performing each task, including proper care and

cleaning of customer vehicles. The instruction will also include identification and use of appropriate tools and testing/measurement equipment required to accomplish certain tasks. The student will also receive the necessary training to locate and use current reference and training to locate and use current reference and training materials from accepted industry publications and resources, and demonstrate the ability to write work orders. **Prerequisite: Automotive Maintenance & Light Repair Section and Lab A**

**Course #470511 - Automotive Maintenance & Light Repair and Lab Section C (1credit)Grade 11-12**

These courses introduce the student to the principles, theories, and concepts of Automotive Technology, and include instruction in the maintenance and light repair of Engines, Brake Systems, Electrical/Electronic Systems, Suspension and Steering Systems, Automatic and Manual Transmission/Transaxles, and Engine Performance Systems. In all areas, appropriate theory, safety, and support instruction will be taught and required for performing each task, including proper care and cleaning of customers' vehicles. The instruction will also include identification and use of appropriate tools and testing/measurement equipment required to accomplish certain tasks. The student will also receive the necessary training to locate and use current reference and training materials from accepted industry publications and resources, and demonstrate the ability to write work orders. **Prerequisite: Automotive Maintenance & Light Repair Section and Lab Sections A & B**

**Course #470513 - Automotive Maintenance & Light Repair and Lab Section D (1credit) Grade 12**

These courses introduce the student to the principles, theories, and concepts of Automotive Technology, and include instruction in the maintenance and light repair of Engines, Brake Systems, Electrical/Electronic Systems, Suspension and Steering Systems, Automatic and Manual Transmission/Transaxles, and Engine Performance Systems. In all areas, appropriate theory, safety, and support instruction will be taught and required for performing each task, including proper care and cleaning of customers' vehicles. The instruction will also include identification and use of appropriate tools and testing/measurement equipment required to accomplish certain tasks. The student will also receive the necessary training to locate and use current reference and training materials from accepted industry publications and resources, and demonstrate the ability to write work orders. **Prerequisite: Automotive Maintenance & Light Repair Section and Lab Sections A, B, & C**

**Course #470501 Automotive Maintenance Co-Op (3 credits) Grade 12**

Cooperative Education provides supervised on-the-job work experience related to the student's educational objectives. Work-based learning in the Career and Technical Education program may include shadowing, clinical experience, career major practicum, and/or cooperative education. These experiences should be related to the student's career major in the Career and Technical Program. Cooperative Education consists of in-school instruction combined with on-the-job work experience.

**Acceptance Criteria for Career and Technical Cooperative Education**

*SBDM Approved 2/14/2022, Revised 5/10/2022*

1. Must have completed three classes in the one pathway area and be currently enrolled in the fourth course of that pathway.
2. Must maintain at least a 70% in Senior English and Math classes. Assistance will be provided for students that fall below 70% in order to be reinstated to the Co-Op class.
3. Must have an ACT Composite of 18.
4. Essential skills summer camps will be held the summer before Senior year.
5. Must fill out a Cooperative Education application and permission to leave school waiver. (Will be distributed during registration of the new school year). Application must be returned no later than the first day of school.
6. Must have teacher recommendation from Career & Technical Program area teacher.
7. Shadowing/Volunteering is acceptable with agreement to submission of weekly timesheets signed by Supervisor.
8. Paid employment must be reflected via check stubs and or check in which must show the following; Dates of pay and hours worked. (Ex. Memo. Jan 1 – Jan 14 “20 hrs.”)

## ***Career Pathway:***

### ***Environmental Science and Natural Resources***

#### **Course #030715 Principles of Agricultural Science and Technology (1 credit) Grade 9-10**

This course introduces students to the various segments of the agricultural industry. Agricultural career opportunities will be emphasized. Basic animal science, plant and land science, and agricultural mechanics skills will be introduced. The selection and planning of a supervised agricultural experience program and related record keeping will be presented. Leadership development will be provided through FFA. Students will receive personal guidance and counseling with preparatory instructional program selection.

#### **Course #010611 Intro to Greenhouse and Crop Production (1 credit) Grades 10-11**

This course develops basic scientific knowledge and skills pertaining to management of the land and its effects on food and fiber production, the environment, and the quality of life. The relationship of land to plant growth will be emphasized. Plant composition, reproduction, growth, and current biotechnological advances will be included. Content may be enhanced with appropriate computer applications. Leadership development will be provided through FFA. Each student will be expected to have a supervised agricultural experience program. **Prerequisite: Principles of Agricultural Science and Technology.**

#### **Course #030610 Forestry (1/2 credit) Grades 11-12**

This course introduces the science of agriculture. The course includes career opportunities, tree identification, tree production, forestry management, timber harvesting, wood utilization, and the environmental and ecological aspects of forestry. Content may be enhanced with appropriate computer applications. Leadership development will be provided through FFA. Each student will be expected to have a supervised agricultural experience program. **Prerequisites: Principles of Agricultural Science and Technology, Intro to Greenhouse and Crop Production.**

**Course #030611 Wildlife Resources (1/2 credit) Grades 11-12**

This course describes theories, principles and science of producing, managing, preserving and improving wildlife resources, including habitat management, harvesting, marketing, etc. **Prerequisites: Principles of Agricultural Science and Technology, Intro to Greenhouse and Crop Production.**

**Course #030711 Agriscience (1 credit) Grade 12**

Agriscience introduces the scientific agricultural approach to animal science and selection, and plant and land science. Agricultural career opportunities will be emphasized in each class. Laboratory experiences

relating to basic and current technology will be part of the program. Content may be enhanced by utilizing appropriate computer applications. Leadership development will be provided through FFA (Future Farmers of America). Each student will be expected to have a supervised agricultural experience program and keep appropriate records. **Prerequisites: Principles of Agricultural Science and Technology, Intro to Greenhouse and Crop Production, Forestry, Wildlife Resources**

**Course #030790 Environmental Science Co-Op (3 credits) Grade 12**

Cooperative Education provides supervised on-the-job work experience related to the student's educational objectives. Work-based learning in the Career and Technical Education program may include shadowing, clinical experience, career major practicum, and/or cooperative education. These experiences should be related to the student's career major in the Career and Technical Program. Cooperative Education consists of in-school instruction combined with on-the-job work experience. Acceptance Criteria for Career and Technical Cooperative Education.

1. Must have completed three classes in the one pathway area and be currently enrolled in the fourth course of that pathway.
2. Must maintain at least a 70% in Senior English and Math classes. Assistance will be provided for students that fall below 70% in order to be reinstated to the Co-Op class.
3. Must have an ACT Composite of 18.
4. Essential skills summer camps will be held the summer before Senior year.
5. Must fill out a Cooperative Education application and permission to leave school waiver. (Will

be distributed during registration of the new school year). Application must be returned no later than the first day of school.

6. Must have teacher recommendation from Career & Technical Program area teacher.
7. Shadowing/Volunteering is acceptable with agreement to submission of weekly timesheets signed by Supervisor.
8. Paid employment must be reflected via check stubs and or check in which must show the following; Dates of pay and hours worked. (Ex. Memo. Jan 1 – Jan 14 “20 hrs.”)

## Health Sciences

The Health Occupations Students of America (HOSA) organization is an integral part of the Health Science program. Students who are enrolled in or who have completed a course from the Health Science curriculum are eligible to become members. Leadership training, community service and the opportunity to apply technical and academic competencies are available to all members. Local chapters affiliate with the state and national organization and students may be eligible to attend state and/or national conventions or conferences.

There are 3 pathways in the Health Sciences area. Students will declare a career major at the end of their sophomore year. Please note that the first 3 courses of each pathway are the same.

### Career Pathway: Allied Health

#### **Course #170111 Principles of Health Science (1 credit) Grades 9-10**

This is an orientation and foundation for occupations and functions across the health care cluster. The course includes broad health care core standards, which specify the knowledge and skills that the vast majority of health care workers should have. The student will learn about the health care industry, health care economics, and the career opportunities available. Leadership development, employability skills, and medical terminology will be integrated throughout the course.

#### **Course#170141 Emergency Procedures (1/2 credit) Grades 10-11**

This course will focus on potential emergency situations. It is designed to promote an understanding of standard precautions necessary for personal and professional health maintenance and infection control. Upon successful completion of the course, the student will demonstrate the necessary skills in First Aid and Cardiopulmonary Resuscitation (CPR) and will be given the opportunity to take the completion examination as outlined by the sponsoring agency. **Prerequisites: Principles of Health Sciences**

#### **Course #170131 Medical Terminology (1/2 credit) Grades 10-11**

This course is an intense study of the medical language used in all health career major areas. Students will learn correct pronunciation, spelling, and application rules. Medical Terminology includes writing exercises, research, and connections to medical science. **Prerequisites: Principles of Health Sciences**

#### **Course#302631 Anatomy&Physiology or #170167 BodyStructures&Functions(1credit)Grade 11-12**

Major concepts addressed in this course include plant structure, animal structure, tissues, organs, and systems. This course also focuses on the study of the human body, including nutrition concepts, digestive system, circulatory system, nervous system, and reproductive system. The course is interdisciplinary in nature and integrates academic expectations and activities with the disciplines of life science, mathematics, health, social studies, language arts, arts and humanities, and vocational studies. During their study, students will gain an understanding of the normal structure and function of the human body through scientific inquiry. **Prerequisite: Principles of Health Sciences, Emergency Procedures/ Medical Terminology**



**Course #170501 Allied Health Core Skills ( 1 Credit) Grade 12**

This course is designed to provide knowledge, concepts, and psychomotor skills necessary for gainful employment as an entry-level health care worker. Classroom instruction and educational objectives are combined with learning experiences. This is the capstone course for the Allied Health Pathway.

**Prerequisite: Principles of Health Science, Emergency Procedures/Medical Terminology, and Anatomy & Physiology or Body Structures & Functions.** Students may take Medicaid Nurse Aide class concurrently with this course as a senior. \*\*Students enrolled in this course are required to wear scrubs on designated professional dress day as a grade.

**Course #170601A Allied Health Co-Op (3 credits) Grade 12**

Cooperative Education provides supervised on-the-job work experience related to the student's educational objectives. Work-based learning in the Career and Technical Education program may include shadowing, clinical experience, career major practicum, and/or cooperative education. These experiences should be related to the student's career major in the Career and Technical Program. Cooperative Education consists of in-school instruction combined with on-the-job work experience. Acceptance Criteria for Career and Technical Cooperative Education.

1. Must have completed three classes in the one pathway area and be currently enrolled in the fourth course of that pathway.
2. Must maintain at least a 70% in Senior English and Math classes. Assistance will be provided for students that fall below 70% in order to be reinstated to the Co-Op class.
3. Must have an ACT Composite of 18.
4. Essential skills summer camps will be held the summer before Senior year.
5. Must fill out a Cooperative Education application and permission to leave school waiver. (Will be distributed during registration of the new school year). Application must be returned no later than the first day of school.
6. Must have teacher recommendation from Career & Technical Program area teacher.
7. Shadowing/Volunteering is acceptable with agreement to submission of weekly timesheets signed by Supervisor.
8. Paid employment must be reflected via check stubs and or check in which must show the following; Dates of pay and hours worked. (Ex. Memo. Jan 1 – Jan 14 "20 hrs.")

## **Career Pathway: Pre-Nursing**

**Course #170111 Principles of Health Science (1 credit) Grades 9-10**

This is an orientation and foundation for occupations and functions across the health care cluster. The course includes broad health care core standards, which specify the knowledge and skills that the vast majority of health care workers should have. The student will learn about the health care industry, health care economics, and the career opportunities available. Leadership development, employability skills, and medical terminology will be integrated throughout the course.

**Course#170141 Emergency Procedures (1/2 credit) Grades 10-11**

This course will focus on potential emergency situations. It is designed to promote an understanding of standard precautions necessary for personal and professional health maintenance and infection control. Upon successful completion of the course, the student will demonstrate the necessary skills in First Aid and Cardiopulmonary Resuscitation (CPR) and will be given the opportunity to take the completion examination as outlined by the sponsoring agency. **Prerequisites: Principles of Health Sciences**

**Course #170131 Medical Terminology (1/2 credit) Grades 10-11**

This course is an intense study of the medical language used in all health career major areas. Students will learn correct pronunciation, spelling, and application rules. Medical Terminology includes writing exercises, research, and connections to medical science. **Prerequisites: Principles of Health Sciences**

**Course#302631 Anatomy&Physiology or #170167 BodyStructures&Functions(1credit)Grade 11-12**

Major concepts addressed in this course include plant structure, animal structure, tissues, organs, and systems. This course also focuses on the study of the human body, including nutrition concepts, digestive system, circulatory system, nervous system, and reproductive system. The course is interdisciplinary in nature and integrates academic expectations and activities with the disciplines of life science, mathematics, health, social studies, language arts, arts and humanities, and vocational studies. During their study, students will gain an understanding of the normal structure and function of the human body through scientific inquiry. **Prerequisite: Principles of Health Sciences, Emergency Procedures/ Medical Terminology**

**Course #NAA100SCC (170631) Nursing Assistant Skills (1 credit) Grade 12**

This course is designed to teach specific knowledge and skills for students and/or nurse aides to assume the role and responsibility required in long-term care is communicated to the student through lectures, lab, and clinical practice. The focus of the course is communication, infection control, safety, resident's rights and basic nursing skills. This is the capstone course for the Allied Health Pathway. Prerequisites: Emergency Procedures/ Medical Terminology, Anatomy & Physiology or Body Structures & Functions, and Principles of Health Science. Students may take Allied Health Core Skills concurrently with this course as a senior. Students are selected using the point system below. \*\*Students enrolled in this course are required to wear scrubs on designated professional dress day as a grade. \*\*Students enrolled in this course are required to wear scrubs on designated professional dress day as a grade.

**Fees and Requirements:**

- Two Step TB skin test (Must be obtained before Christmas break. Students will have opportunity to have this done at school during class by school nurse or may go to medical provider of their choice)
- Second hand watch (must have by February 1st)
- Navy scrub top and bottom (must have by February 1st)
- Leather tennis shoe (must have by February 1st)
- \$50.00 class lab fee. (This will cover HOSA dues as well) Must be paid first week of school.

Students enrolled in this course ARE NOT automatically eligible for KNAT (State Nurse Aide Test) Students must meet criteria set by KY Medicaid and KCTCS

\* A MINIMUM TEST AVERAGE OF 70% from student's classroom test scores IS REQUIRED FOR STUDENT TO BE ELIGIBLE TO TAKE THE KNAT (Kentucky Nurse Aide Test)

CLASS ATTENDANCE POLICY: Due to the safety of both the student and the resident it is imperative that the student attend class during the MNA course. Excessive absenteeism will disqualify a student from taking the State MNA test.

\*\*Students missing more than 15 class periods (this applies to excused/unexcused, EHO days and college days) will not be eligible to take the state registered nurse aide exam. Classroom and clinical attendance is strictly monitored, recorded, and reported.

Students will be selected for MNA 100 class by point system and application.

Completed Health Science classes will earn student points according to grade earned

A=10 points

B=4 points

C=1 points

Introductory level courses are averaged for one letter grade (Emergency Procedures/Medical Terminology)

GPA of overall high school courses taken

3.75 or above-10 Point

3.50 or above -5 Points

3.25 or above- 3 Points

3.00 or above -1 Point

2.0 or below No points will not be given any point

Attendance

0.5 unexcused Absences-10 points

2.5 unexcused Absences- 5 points

3.5 unexcused Absences- 2 points

6 or more unexcused absences will result in a negative 5 points

Three alternate students will be chosen if needed, but will only be placed in class within the first week of school.

### **Course #170601N Nursing Co-Op (3 credits) Grade 12**

Cooperative Education provides supervised on-the-job work experience related to the student's educational objectives. Work-based learning in the Career and Technical Education program may include shadowing, clinical experience, career major practicum, and/or cooperative education. These experiences should be related to the student's career major in the Career and Technical Program. Cooperative Education consists of in-school instruction combined with on-the-job work experience.

Acceptance Criteria for Career and Technical Cooperative Education.

*SBDM Approved 2/14/2022, Revised 5/10/2022*

1. Must have completed three classes in the one program area (Ex. Construction) and be currently enrolled in the fourth course of the same program area.
2. Must maintain at least a 70% in Senior English and Math classes. Assistance will be provided for students that fall below 70% in order to be reinstated to the Co-Op class.
3. Must have an ACT Composite of 18.
4. Essential skills summer camps will be held the summer before Senior year.
5. Must fill out a Cooperative Education application and permission to leave school waiver. (Will be distributed during registration of the new school year). Application must be returned no later than the first day of school.
6. Must have teacher recommendation from Career & Technical Program area teacher.
7. Shadowing/Volunteering is acceptable with agreement to submission of weekly timesheets signed by Supervisor.
8. Paid employment must be reflected via check stubs and or check in which must show the following; Dates of pay and hours worked. (Ex. Memo. Jan 1 – Jan 14 “20 hrs.”)

## **Career Pathway: Phlebotomy Technician**

### **Course #170111 Principles of Health Science (1 credit) Grades 9-10**

This is an orientation and foundation for occupations and functions across the health care cluster. The course includes broad health care core standards, which specify the knowledge and skills that the vast majority of health care workers should have. The student will learn about the health care industry, health care economics, and the career opportunities available. Leadership development, employability skills, and medical terminology will be integrated throughout the course.

### **Course#170141 Emergency Procedures (1/2 credit) Grades 10-11**

This course will focus on potential emergency situations. It is designed to promote an understanding of standard precautions necessary for personal and professional health maintenance and infection control. Upon successful completion of the course, the student will demonstrate the necessary skills in First Aid and Cardiopulmonary Resuscitation (CPR) and will be given the opportunity to take the completion examination as outlined by the sponsoring agency. **Prerequisites: Principles of Health Sciences**

### **Course #170131 Medical Terminology (1/2 credit) Grades 10-11**

This course is an intense study of the medical language used in all health career major areas. Students will learn correct pronunciation, spelling, and application rules. Medical Terminology includes writing exercises, research, and connections to medical science. **Prerequisites: Principles of Health Sciences**

### **Course#302631 Anatomy&Physiology or #170167 BodyStructures&Functions(1credit)Grade 11-12**

Major concepts addressed in this course include plant structure, animal structure, tissues, organs, and systems. This course also focuses on the study of the human body, including nutrition concepts, digestive system, circulatory system, nervous system, and reproductive system. The course is interdisciplinary in nature and integrates academic expectations and activities with the disciplines of life

*SBDM Approved 2/14/2022, Revised 5/10/2022*

science, mathematics, health, social studies, language arts, arts and humanities, and vocational studies. During their study, students will gain an understanding of the normal structure and function of the human body through scientific inquiry. **Prerequisite: Principles of Health Sciences, Emergency Procedures/ Medical Terminology**

**Course#PHB151SCC (170567) Phlebotomy (1 credit) Grade 12**

This course consists of a combination of classroom instruction and hands-on experiences related to the student's education objectives in the area of Medical Laboratory Aide/Phlebotomist. Students will be required to follow program and agency requirements for attendance and health screenings during the work based learning experience. These may include but are not limited to: drug screens, TB skin test, and immunization certificates. Students must meet eligibility requirements of the National HealthCareer Association (NHA) in order to take the certification exam. This is the capstone course for the Phlebotomy Technician Pathway. Prerequisites: Emergency Procedures/ Medical Terminology, Anatomy & Physiology or Body Structures & Functions, and Principles of Health Science. Students may take Allied Health Core Skills concurrently with this course as a senior. Students are selected using the point system below.

**\*\*Students enrolled in this course are required to wear scrubs on designated professional dress day as a grade.**

**CLASS ATTENDANCE POLICY:** Due to the safety of both the student and the patients it is imperative that the student attend class during the course. Excessive absenteeism will disqualify a student from taking the National Phlebotomy Exam.

**\*\*Students missing more than 15 class periods (this applies to excused/unexcused, EHO days and college days) will not be eligible to take the National Phlebotomy Exam Phlebotomy Technician Test (CPT).**

Classroom and clinical attendance is strictly monitored, recorded, and reported.

Students will be selected for class by point system and application to the program.

Completed Health Science classes will earn student points according to grade earned

A=10 points

B=4 points

C=1 points

Introductory level courses are averaged for one letter grade (Emergency Procedures/Medical Terminology)

GPA of overall high school courses taken

3.75 or above-10 Points

3.50 or above -3 Points

3.25 or above- 2 Points

3.00 or above -1 Point

2.0 or below No points will not be given any point

*SBDM Approved 2/14/2022, Revised 5/10/2022*

#### Attendance

0.5 unexcused Absences-10 points

2.5 unexcused Absences- 5 points

3.5 unexcused Absences- 2 points

6 or more unexcused absences will result in a negative 5 points

Three alternate students will be chosen if needed, but will only be placed in class within the first week of school.

The Curriculum will include:

\* 50.00 Lab fee ( paid within first week of school and covers HOSA dues as well)

\* Leather shoes during classroom lab sticks

\* Red Scrub top and bottom (by March)

\* Completion of minimum 30 successful unaided venipuncture collections

\* Completion of minimum 10 successful unaided capillary collections

\*\*\* Students WILL BE using real blood, live humans, and real needles for this course.

\*Each live human stick performed in this course is done under the DIRECT supervision of the instructor.  
(1:1 Ratio)

\*Students will NOT be allowed to stick students that are not enrolled in the Phlebotomy course.

\*Students will need family/friends over the age of 18 to volunteer during the course as live human sticks. If needed there will be some afternoon lab dates for family who are not able to volunteer during the daytime because of work.

#### **Course #170601P Phlebotomy Co-Op (3 credits) Grade 12**

Cooperative Education provides supervised on-the-job work experience related to the student's educational objectives. Work-based learning in the Career and Technical Education program may include shadowing, clinical experience, career major practicum, and/or cooperative education. These experiences should be related to the student's career major in the Career and Technical Program. Cooperative Education consists of in-school instruction combined with on-the-job work experience.

Acceptance Criteria for Career and Technical Cooperative Education

1. Must have completed three classes in the one pathway area and be currently enrolled in the fourth course of that pathway.
2. Must maintain at least a 70% in Senior English and Math classes. Assistance will be provided for students that fall below 70% in order to be reinstated to the Co-Op class.
3. Must have an ACT Composite of 18.
4. Essential skills summer camps will be held the summer before Senior year.
5. Must fill out a Cooperative Education application and permission to leave school waiver. (Will be distributed during registration of the new school year). Application must be returned no later than the first day of school.
6. Must have teacher recommendation from Career & Technical Program area teacher.
7. Shadowing/Volunteering is acceptable with agreement to submission of weekly timesheets signed by Supervisor.

8. Paid employment must be reflected via check stubs and or check in which must show the following; Dates of pay and hours worked. (Ex. Memo. Jan 1 – Jan 14 “20 hrs.”)

## **Career Pathway: Network Administration**

### **Course #110110 Computer Literacy (1 credit) Grades 9-10**

This course introduces students to the main components of computer literacy including Computer Fundamentals, Key Applications and Living Online. The course provides an introduction to the computer and the convergence of technology as used in today's global environment. Introduces topics including computer hardware and software, file management, the Internet, e-mail, the social web, green computing, security and computer ethics. Presents basic use of application, programming, systems and utility software.

### **Course #110251 Computational Thinking (1 credit) Grades 10-11**

Students will analyze the structure of the world wide web, apply basic principles of web documents and HTML, and develop multimedia web pages. Course content will include the understanding of hypertext and web structures. Equipment such as scanners, digital and video cameras and sound recording devices will be utilized through hands-on instruction. Promotes understanding of computer programming and logic by teaching students to "think like a computer". This course covers skills needed to develop and design language-independent solutions to solve computer related problems. Covers developmental

and design basics including use of variables, control and data structures, and principles of command-line and object-oriented languages. **Prerequisites: Computer Literacy**

### **Course #110901 Introduction to Network Concepts (1 credit) Grades 11-12**

Introduces technical level concepts of non-vendor specific networking including technologies, media, topologies, devices, management tools, and security. Provides the basics of how to manage, maintain, troubleshoot, install, operate, and configure basic network infrastructure. **Prerequisites: Computer Literacy, Computational Thinking**

The following course will be offered in 2023-2024

### **Course #110917 Internet Technologies (1 credit) Grades 12**

Provides students with a study of traditional and emerging Internet technologies. Covers topics including Internet fundamentals, Internet applications, Internet delivery systems, and Internet client/server computing. Provides hands-on experience and some programming in an Internet environment. **Prerequisites: Computer Literacy, Computational Thinking, Intro Network Concepts**

## **Career Pathway: Marketing**

### **Course # 080716 Principles of Marketing (1 credit) Grades 9-10**

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. This course is based on the business and marketing core that includes communication skills, economics, financial analysis, and promotion. Both marketing and employment skills learned will improve and increase the chance of successful transition into the world of work. Leadership development will be provided through DECA activities and competitive events.

### **Course #081411 Retail Marketing (1 credit) Grades 10-11**

This course is designed to provide an overview of the marketing responsibilities of individuals employed in the retail industry. This course is based on the business and marketing core that includes communication skills, operations, distribution, marketing-information management, pricing, product/service management, promotion and selling. The Kentucky Occupational Retail Services Skill Standards are integrated into this course giving students the opportunity to receive Retail Skill Standards Certification. Leadership development will be provided through DECA activities and competitive events.

**Prerequisites: Marketing Principles**

### **Course #081121 Sports & Event Marketing (1 credit) Grades 11-12**

This course is designed to develop a thorough understanding of the marketing concepts and theories that apply to sports and events. This course is based on the business and marketing core that includes communication skills, distribution, marketing-information management, pricing, product/service management, promotion, selling, operations, strategic management, human resource management, and the economic impact and considerations involved in the sports and event marketing industries.

Leadership development will be provided through DECA. **Prerequisites: Marketing Principles, Retail Marketing**

### **Course #080717 Marketing Applications (1 credit) Grade 12**

This course is designed to enhance marketing skills developed in the marketing prerequisite courses and to learn advanced marketing skills in such areas as advertising, customer service, supervision, and employee/employer relations for a wide range of marketing careers. This course is based on the business and marketing core that includes communication skills, emotional intelligence, economics, marketing, operations, promotion, marketing-information management and financial analysis. Students in this course may also wish to earn additional credit through marketing/retail on-the-job training utilizing the cooperative education method of instruction. Leadership development will be provided through DECA activities and competitive events. This is the capstone course for the Marketing Pathway.

**Prerequisites: Marketing Principles, Retail Marketing, Sports & Event Marketing**

### **Course #080707 Marketing Education Co-Op (3 credits) Grade 12**

Cooperative Education provides supervised on-the-job work experience related to the student's educational objectives. Work-based learning in the Career and Technical Education program may include shadowing, clinical experience, career major practicum, and/or cooperative education. These experiences should be related to the student's career major in the Career and Technical Program.



Cooperative Education consists of in-school instruction combined with on-the-job work experience.

Acceptance Criteria for Career and Technical Cooperative Education

1. Must have completed three classes in the one program area (Ex. Construction) and be currently enrolled in the fourth course of the same program area.
2. Must maintain at least a 70% in Senior English and Math classes. Assistance will be provided for students that fall below 70% in order to be reinstated to the Co-Op class.
3. Must have an ACT Composite of 18.
4. Essential skills summer camps will be held the summer before Senior year.
5. Must fill out a Cooperative Education application and permission to leave school waiver. (Will be distributed during registration of the new school year). Application must be returned no later than the first day of school.
6. Must have teacher recommendation from Career & Technical Program area teacher.
7. Shadowing/Volunteering is acceptable with agreement to submission of weekly timesheets signed by Supervisor.
8. Paid employment must be reflected via check stubs and or check in which must show the following; Dates of pay and hours worked. (Ex. Memo. Jan 1 – Jan 14 “20 hrs.”)

## **Career Pathway:**

### **Mechanical Engineering**

#### **Course #210221 Engineering 1 (1 credit) Grades 9-10**

This course is an introduction to the Engineering field. Students will learn what each major field of engineering is about and what tools and skills they use. This includes an introduction to computer aided design. Students must be willing to problem solve and work with technology responsibly. Participation in the Kentucky Technology Student Association will greatly enhance instruction.

#### **Course #210222 Engineering 2 (1 credit) Grades 10-11**

This course is an extension of Engineering 1. Students will explore more advanced fields of engineering such as computer and manufacturing engineering. Students will also learn logic and programming. This class will include an introduction to 3D modeling and 3D printing. **Prerequisite: Engineering 1**

#### **Course #210118 Mechanical Engineering (1 credit) Grades 11-12**

This course is primarily lab based and will include advanced 3D modeling and 3D printing, robotics, design development, and CNC cutting and engraving. **Prerequisite: Engineering 2**

#### **Course #210117 Advanced Design Applications (1 credit) Grade 12**

This course is an exploration of design software, particularly AutoCAD. Students will explore how structural design can be done through software and how mechanical designs can be communicated through engineering drawings. At the conclusion of this course students will take the AutoCAD Certified User Exam to obtain industry certification. **Prerequisite: Engineering 1, Engineering 2, and Mechanical Engineering**

**Course #210330 Engineering Technology Design Co-Op (3 credits) Grade 12**

Cooperative Education provides supervised on-the-job work experience related to the student's educational objectives. Work-based learning in the Career and Technical Education program may include shadowing, clinical experience, career major practicum, and/or cooperative education. These experiences should be related to the student's career major in the Career and Technical Program. Cooperative Education consists of in-school instruction combined with on-the-job work experience.

Acceptance Criteria for Career and Technical Cooperative Education

1. Must have completed three classes in the one pathway area and be currently enrolled in the fourth course of that pathway.
2. Must maintain at least a 70% in Senior English and Math classes. Assistance will be provided for students that fall below 70% in order to be reinstated to the Co-Op class.
3. Must have an ACT Composite of 18.
4. Essential skills summer camps will be held the summer before Senior year.
5. Must fill out a Cooperative Education application and permission to leave school waiver. (Will be distributed during registration of the new school year). Application must be returned no later than the first day of school.
6. Must have teacher recommendation from Career & Technical Program area teacher.
7. Shadowing/Volunteering is acceptable with agreement to submission of weekly timesheets signed by Supervisor.
8. Paid employment must be reflected via check stubs and or check in which must show the following; Dates of pay and hours worked. (Ex. Memo. Jan 1 – Jan 14 “20 hrs.”)

## **Career Pathway: Residential Carpenter Assistant**

**Course #460201 Introduction to Construction (1 credit) Grades 9-10**

This course is broad-based with emphasis on all phases of the construction process, including safety; legal and permitting requirements; site selection; excavation; foundation; utilities; framing and structural components; interior and exterior finishing. Topics also include: Tool and equipment selection, safety and use; preventive maintenance; materials inventory, waste management and prevention.

**Course #460212 Floor and Wall Framing (1 credit) Grades 10-11**

The student will practice floor framing, layout and construction of floor frames. Cutting and installing floor and wall framing members according to plans and specifications will also be practiced. **Prerequisite: Introduction to Construction**

**Course #460213 Ceiling and Roof Framing (1 credit) Grades 11-12**

This course covers roof types and combinations of roof types used in the construction industry. The emphasis of this course is on layout, cutting and installing ceiling joist, rafters, and roof decking and roof coverings. **Prerequisite: Introduction to Construction, Floor and Wall Framing**

**Course #460219 Exterior and Interior Finish (1 credit) Grades 12**

This course presents basic concepts of building trim, gypsum wallboard, paneling, base, ceiling and wall molding with instruction on acoustical ceilings and insulation, wood floors, tile, inlaid adhesive and tools of the flooring trade. This course will continue to refine the techniques and skills taught in the previous

carpentry courses. In this course, cost control, speed, and precision are emphasized. In addition, students will perfect the skills associated with the exterior finishing of a house. **Prerequisite: Introduction to Construction, Floor and Wall Framing, Ceiling and Roof Framing**

**Course #460229 Residential Carpenter Assistant Co-Op (3 credits) Grade 12**

Cooperative Education provides supervised on-the-job work experience related to the student's educational objectives. Work-based learning in the Career and Technical Education program may include shadowing, clinical experience, career major practicum, and/or cooperative education. These experiences should be related to the student's career major in the Career and Technical Program. Cooperative Education consists of in-school instruction combined with on-the-job work experience.

Acceptance Criteria for Career and Technical Cooperative Education

1. Must have completed three classes in the one pathway area and be currently enrolled in the fourth course of that pathway.
2. Must maintain at least a 70% in Senior English and Math classes. Assistance will be provided for students that fall below 70% in order to be reinstated to the Co-Op class.
3. Must have an ACT Composite of 18.
4. Essential skills summer camps will be held the summer before Senior year.
5. Must fill out a Cooperative Education application and permission to leave school waiver. (Will be distributed during registration of the new school year). Application must be returned no later than the first day of school.
6. Must have teacher recommendation from Career & Technical Program area teacher.
7. Shadowing/Volunteering is acceptable with agreement to submission of weekly timesheets signed by Supervisor.
8. Paid employment must be reflected via check stubs and or check in which must show the following; Dates of pay and hours worked. (Ex. Memo. Jan 1 – Jan 14 "20 hrs."

## Miscellaneous Courses

### **Course #239141 Yearbook Production (1 credit) Grades 11 – 12**

Topics in this course include yearbook production, publication, format, layout, photographs, and financial management. Students will develop communication skills, problem-solving techniques, cooperative learning, and interpersonal skills.

### **Course #060170 Personal Finance (1 credit) Grades 11 - 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.

## Education

*The Education classes listed below are dual credit classes offered at the high school through Campbellsville University-Somerset. (See page 42 for more information on dual credit.)*

### **Course #ED220CU - Introduction to Teaching (½ credit) Grade 11-12**

This course is designed to familiarize students with the broad field of education. Emphasis is given to historical, social, and philosophical foundations of education in America. Through the study of the history of education, emphasizing diversity in the United States, the focus will be on changing conceptions of teachers and teaching. Examination will be made of the influence of different philosophical movements on schools and schooling to inform students as they formulate their own evolving philosophy of teaching. Students will investigate government and finance of American education including recent innovations such as charter schools, vouchers, and school choice. Students will examine how ethics and law influence rights and responsibilities of teachers and students. This course is the first of four Continuous Assessment Points (CAP) on the path to teacher certification. The CAP 1 process will be completed as part of this introductory course.

### **Course #ED300CU - Human Development & Learning Theory (½ credit) Grade 11-12**

The study of how children develop socially, physically, emotionally, and mentally from birth through adolescence identifying developmental patterns and implications on the learning process. It will also provide purposeful observations of the child. Clinical experiences required.

**Prerequisite/Co-requisite: ED 220**

*The following will be offered in the 2023-2024 school year.*

### **Course #ED310CU - Instructional Technology (½ credit) Grade 12**

*Explores IT as hands-on aids to teaching and learning. Included is instruction in the usage of various technologies with linked learning elements such as developmental and cognitive change in the classroom. Deals with pedagogical aspects of integrating technology in the classroom for teachers in all public school disciplines. Introduces prospective teachers to CU's Instructional Technology program, one committed to preparing P-12 teachers who know the content of their field, promote professional and pedagogical knowledge, demonstrate acquired skills, applying them in such a way all students learn. Clinical experiences required. **Prerequisite(s): ED 220, knowledge of MS Office***

### **Course #ED325CU - Teaching Diverse Learners (½ credit) Grade 12**

*This course is devoted to the study of the exceptional child who is developmentally exceptional in physical, cognitive, emotional or social areas. Clinical experiences required. **Prerequisites: ED 220, ED 300.***

## **Welding**

**The welding classes listed below are offered at the McCreary Center.**

Students must meet the following requirements:

- The Courses will be 5 days a week 6th and 7th period at the McCreary Center set to begin at 12:30-3:00
- Students will complete the Self-Transport/Permission to Ride Along Waiver Form
- The course will max-out at 15 people
- Only Seniors are eligible
- Must be scheduled to be a Completer in a career pathway

**Course #WLD120SCC Shielded Metal Arc Welding (1/2 credit) Grade 12**

Teaches students the identification, inspection, and maintenance of SMAW electrodes; principles of SMAW; the effects of variables on the SMAW process to weld plate and pipe; and metallurgy. Lecture: 2 credits (30 contact hours). **Co-requisite: WLD 121**

**Course #WLD121SCC Shielded Metal Arc Welding Fillet Lab (1/4 credit) Grade 12**

Provides laboratory experiences in which the student acquires the manipulative skills to perform fillet welds in all positions. Lab: 3 credits (90 contact hours/30:1 ratio) **Co-requisite: WLD 120**

**Course #WLD123SCC Shielded Metal Arc Welding Groove with Backing Lab (1 credit) Grade 12**

Provides experiences in which students acquire the manipulative skills to do groove welds in all positions with backing. Laboratory: 3 credits (90 contact hours/30:1 ratio). **Prerequisite: WLD 120 & 121**

**Course #WLD140SCC Gas Metal Arc Welding (1/2 credit) Grade 12**

Identification, inspection, and maintenance of GMAW machines; identification, selection, and storage of GMAW electrodes; principles of GMAW; and the effects of variables on the GMAW process. Theory and applications of related processes such as FCAW and SAW and metallurgy are also included. Lecture: 2 credits (30 contact hours).

**Course #WLD141SCC Gas Metal Arc Welding Fillet Lab (1/4 credit) Grade 12**

Teaches the practical application and manipulative skills of Gas Metal Arc Welding and the proper safety situations needed in this process. Both ferrous and non-ferrous metals will be covered, as well as various joint designs on plate in all positions. Co-requisite: **WLD 140**

**Course #WLD143SCC Gas Metal Arc Welding Groove Lab (1/2 credit) Grade 12**

Teaches the method of operation and application of the gas metal arc welding process for welding groove welds in both ferrous and non-ferrous plate in all positions using both short circuiting and spray transfer where appropriate. **Prerequisite: WLD 140 or Consent of Instructor. Laboratory: 3 credits (90 contact hours/30:1 ratio).**

## English /Language Arts

### **Course #N230107 English I (1 credit) Grade 9**

English I is a course that lays the foundation to success in language arts and writing in high school. This class will be focused on learning in the 21<sup>st</sup> century and being prepared for writing, speaking, and reading opportunities in both college and career. In English I, students will learn reading strategies to improve their understanding of both fiction and nonfiction passages, including classics and contemporary pieces. Students will also produce clear and coherent writing in which the development, organization, and style are appropriate to the task, purpose, and audience. Additionally, students will be completing daily grammar reviews, writing monthly On-Demand pieces, and creating writing pieces for publication and a cumulative writing portfolio.

### **Course #A230107 Advanced English I (1 credit) Grade 9**

English I is a course that lays the foundation to success in language arts and writing in high school. Enrichment and rigor will prepare students for future Advanced English courses or Dual Credit courses. This class will be focused on learning in the 21<sup>st</sup> century and being prepared for writing, speaking, and reading opportunities in both college and career. In English I, students will learn reading strategies to improve their understanding of both fiction and nonfiction passages, including classics and contemporary pieces. Students will also produce clear and coherent writing in which the development, organization, and style are appropriate to the task, purpose, and audience. Additionally, students will be completing daily grammar reviews, writing monthly On-Demand pieces, and creating writing pieces for publication and a cumulative writing portfolio. *Students will be placed in this course based on teacher recommendation.*

### **Course #N230110 English II (1 credit) Grade 10**

English II is a course that continues building on the foundation to success for language arts and writing in high school. This class will be focused on learning in the 21<sup>st</sup> century and being prepared for writing, speaking, and reading opportunities in both college and career. In English II, students will continue to learn reading strategies to improve their understanding of both fiction and nonfiction passages, including classics and contemporary pieces. Students will also produce clear and coherent writing in which the development, organization, and style are appropriate to the task, purpose, and audience. Additionally, students will be completing daily grammar reviews, writing monthly On-Demand pieces, and creating writing pieces for publication and a cumulative writing portfolio.

### **Course #A230110 Advanced English II (1 credit) Grade 10**

English II is a course that continues building on the foundation to success for language arts and writing in high school. Enrichment and rigor will prepare students for future Advanced English courses or Dual Credit courses. This class will be focused on learning in the 21<sup>st</sup> century and being prepared for writing, speaking, and reading opportunities in both college and career. In English II, students will continue to learn reading strategies to improve their understanding of both fiction and nonfiction passages, including classics and contemporary pieces. Students will also produce clear and coherent writing in which the development, organization, and style are appropriate to the task, purpose, and audience. Additionally, students will be completing daily grammar reviews, writing monthly On-Demand pieces, and creating

writing pieces for publication and a cumulative writing portfolio. *Students will be placed in this course based on teacher recommendation.*

**Course #N230113 English III (1 credit) Grade 11**

English III is a course that fine-tunes language arts and writing in high school and lays the foundation to prepare for college and career English language opportunities. This class will be focused on learning in the 21<sup>st</sup> century and being prepared for writing, speaking, and reading opportunities in both college and career. In English III, students will continue to learn reading strategies to improve their understanding of both fiction and nonfiction passages, including classics and contemporary pieces of American Literature. Content includes appropriate experiences in oral and written composition and the historical, cultural, and aesthetic significance of American literature. Students will also produce clear and coherent writing in which the development, organization, and style are appropriate to the task, purpose, and audience. Additionally, students will be completing daily grammar reviews, writing monthly On-Demand pieces, and creating writing pieces for publication and a cumulative writing portfolio.

**Course #A230113 Advanced English III (1 credit) Grade 11**

English III is a course that fine-tunes language arts and writing in high school and lays the foundation to prepare for college and career English language opportunities. Enrichment and rigor will prepare students for future Dual Credit courses. This class will be focused on learning in the 21<sup>st</sup> century and being prepared for writing, speaking, and reading opportunities in both college and career. In English III, students will continue to learn reading strategies to improve their understanding of both fiction and nonfiction passages, including classics and contemporary pieces of American Literature. Content includes appropriate experiences in oral and written composition and the historical, cultural, and aesthetic significance of American literature. Students will also produce clear and coherent writing in which the development, organization, and style are appropriate to the task, purpose, and audience. Additionally, students will be completing daily grammar reviews, writing monthly On-Demand pieces, and creating writing pieces for publication and a cumulative writing portfolio. *Students will be placed in this course based on teacher recommendation.*

**Course #N230116 English IV (1 credit) Grade 12**

English IV is a course that completes language arts and writing in high school and prepares for college and career English language opportunities. This class will be focused on learning in the 21<sup>st</sup> century and being prepared for writing, speaking, and reading opportunities in both college and career. In English IV, students will continue to learn reading strategies to improve their understanding of both fiction and nonfiction passages, including classics and contemporary pieces of British Literature. Content includes appropriate experiences in oral and written composition and the historical, cultural, and aesthetic significance of English and/or World literature. Students will also produce clear and coherent writing in which the development, organization, and style are appropriate to the task, purpose, and audience. Additionally, students will be completing daily grammar reviews, writing monthly On-Demand pieces, and creating writing pieces for publication and a cumulative writing portfolio that is required for graduation. Special attention to writing about literature is given in the pre-college curriculum. ***Completion of the writing portfolio at or above the Apprentice level is required for graduation.***

**Course #ENG111CU & ENG112CU English Composition 1 & 2 (1/2 credit each) Grade 12**

These Campbellsville University dual credit courses are offered through the McCreary Central Dual Credit Program (see page 42).

**ENG 111 English Composition I**

A course in writing as a recursive process involving the discovery and communication of meaning. The students write, revise, and edit texts with the aim of communicating with various audiences of readers.

***Prerequisite: Admittance to the McCreary Central Dual Credit Program (GPA 3.5, ACT Eng-18, ACT Read-20)***

**ENG 112 English Composition II**

A course in argumentative and persuasive writing and academic discourse. Students practice rhetorical strategies and scholarly methods as they perform assigned research and writing projects. ***Prerequisite:***

***Completion of ENG 111 with a C or better***

**Course #230140CAL Children & Adolescent Literature (1 credit) Grades 11-12**

In this course, students will study authors, readers, illustrators and their illustrations, scholars and theories, awards, and reviewing media of children's and YA literature. Students will demonstrate an understanding of the history, traditions, and chief characteristics of literature written for and read by children and young adults, the leading authors, illustrators, and scholars of the genre. Students will know the primary facts and points of view for a variety of issues in children's and YA literature including genre distinctions, academic status, and censorship. This course is designed for students interested in the Education field and/or students who have an interest in reading.

## Foreign Language

Students planning to follow the pre-college curriculum are strongly urged to complete at least two (2) one credit courses. Spanish 1 and 2 courses will ONLY be offered through Distance Learning (Online). The courses will be offered during the regular school day. An instructor will be available in the classroom to give content and technical assistance. Two credits in a foreign language are required for completion of the PreCollege Curriculum.

The following are required to take Spanish 1/Spanish 2.

- Be in grade 10, 11, or 12.
- Have a 3.25 GPA.
- Be self-motivated.

**Course #161108 Spanish 1 (1 credit) Grades 10-12**

This course is designed to provide students with a basic knowledge of the Spanish language with an emphasis on these four skills: reading, listening, oral, and writing. The classroom is a special cultural setting of communication where language is the transmitter of meaningful messages. ***Prerequisite: students must have an overall GPA of 3.25 or higher.***



SBDM Approved 2/14/2022, Revised 5/10/2022

**Course #161109 Spanish 2 (1 credit) Grades 11-12**

This course is designed to provide students with an intermediate knowledge of the Spanish language with an emphasis on these four skills: reading, listening, speaking, and writing. The classroom is a special cultural setting of communication. **Prerequisite: Minimum of B average in Spanish I**

## Army JROTC

All courses prepare high school students for responsible leadership roles while making students aware of their rights, responsibilities and privileges as American citizens. The course is a stimulus for promoting graduation from high school and it provides instruction in Leadership, Foundations for Success, Wellness, Fitness, First Aid, Citizenship and American History, Geography and Earth Science, and Marksmanship. This program can lead to rewarding opportunities, which benefit the student, community and nation. Students are required to wear the uniform bi-weekly and participate in physical fitness.

**JROTC is not a military recruiting program, although the benefits of a JROTC education enhance a military career. After completing three (3) years of JROTC, a person could enter the military with an E-3 rank.** Extra-curricular JROTC activities include *Color Guard, Honor Guard, Marksmanship, and Raider (Adventure) Team.*

**Course #580240 Junior ROTC LET 1 (1 credit) Grades 9-11**

All the JROTC courses are accredited by Advancing Excellence in Education Worldwide (ADVANCED), Southern Association of Colleges and Schools (SACSCASI) and the National Study of School Evaluation (NSSE), a research and development organization and dedicated to advancing excellence in education worldwide.

**Course #580241 Junior ROTC LET 2 (1 credit) Grades 10-12**

This course is offered to those 10th – 12th graders who have completed 1 year of JROTC. LET II and III students are eligible to participate in a national level Leadership and Academics competition focused on increasing college admissions, improving leadership skills and boost team spirit.

**Course #580242 Junior ROTC LET 3 (1 credit) Grades 11-12**

This course is offered to those 11th – 12th graders who have completed 2 years of JROTC. Students are eligible to access the JROTC Cadet Distance Learning Web Site, a national level education site focused on increasing leadership skills and ways to prepare for college level entrance exams. The courses available on this web site can be used by JROTC cadets for additional training on selected topics.

**Course #580243 Junior ROTC LET 4 (1 credit) Grade 12**

This course is offered to those 12th graders who have completed 3 years of JROTC. In addition to focusing on young adult responsibilities, LET IV students enhance their post-secondary education skills by focusing on time management, task prioritizing, planning skills, advanced map reading, resource management and adventure training.

**Course #580244 Junior ROTC Leadership (1 credit) Grade 12**

This course provides students with an additional opportunity to hone military leadership skills. This course is for Seniors only. Students must have completed JROTC LET 1, LET 2, LET 3, and be enrolled in JROTC LET 4. Must be approved by the instructors.

## Mathematics

### **Course #N270304 Algebra 1 (1 credit) Grade 9**

This course is the beginning level for high school mathematics. Topics include foundations for algebra; solving equations; solving inequalities; an introduction to functions; linear functions; exponents and exponential functions; polynomials and factoring; and data analysis and probability. Students will be placed in this course based on teacher recommendation..

### **Course #A270304 Advanced Algebra 1 (1 credit) Grade 9**

This course addresses the same content as Algebra I but at an accelerated pace with more challenging and in depth content. Additional content includes quadratic functions and graphing as well as systems of equations and inequalities. *Students will be placed in this course based on teacher recommendations.*

### **Course #N270401 Geometry (1 credit) Grades 10**

This course includes logical analysis as well as properties of geometric shapes. The goal of Geometry is to allow students to explore one, two, and three-dimensional figures through visualizations, constructions, measurements, and proofs. Topics include tools of geometry; parallel and perpendicular lines; triangles; similarity; polygons and quadrilaterals; right triangles and trigonometry; transformations; area and perimeter; surface area and volume; and circles. ***Prerequisite: Algebra 1***

### **Course #A270401 Advanced Geometry (1 credit) Grades 10**

This course addresses the same content as Geometry but at an accelerated pace with more challenging and in depth content. *Students will be placed in this course based on teacher recommendation.*

***Prerequisite: Algebra 1***

### **Course #N270311 Algebra 2 (1 credit) Grades 11**

This course continues to lay sufficient groundwork for learning advanced mathematics. Topics include basic operations and applications; probability, statistics, and data analysis; number concepts and properties; expressions, equations, and inequalities; graphical representations; properties of plane figures; measurement; solving linear and absolute value equations; systems of equations; quadratic functions and integers; polynomial and radical exponent and equations; radical exponents and equations; sequences and series; statistics; and probability. ***Prerequisites: Algebra 1, Geometry***

### **Course #A270311 Advanced Algebra 2 (1 credit) Grades 10-11**

This course addresses the same content as Algebra 2 but at an accelerated pace with more challenging and in depth content. *Students will be placed in this course based on teacher recommendation.*

***Prerequisites: Algebra 1, Geometry***

### **Course #270643 Technical Math (1credit) Grade 12**

This course is designed for students who have completed courses containing all the required high school Kentucky Academic Standards for Mathematics. Some mathematical concepts from algebra, geometry, and trigonometry and applications relevant to these topics are studied. Topics to be covered include unit conversions, variation, measurement of geometric figures, vectors, and solving right and oblique triangles using trigonometry. Emphasis is on applications in the various technologies. This course will also support CPE benchmark attainment for students. This is a required course for any identified student. *Students will be placed in this course based on teacher recommendation, etc.* ***Prerequisites: Algebra 1, Geometry, Algebra 2***

**Course #270501 PreCalculus (1 credit) Grades 11- 12**

This course involves the study of higher-level functions, emphasizing the understanding of functions and algebraic and graphic strategies needed for advanced problem solving. Characteristics and properties of polynomial, rational, square root, cubing, power, absolute value, reciprocal, and step functions, along with extensions of previously learned applications of real life data using linear, quadratic, exponential, and logarithmic functions are included. Conic sections will also be studied. Trigonometric basics, graphing, and data curve fitting of sinusoidal functions are introduced. This course emphasizes meaningful connections among the branches of mathematics and provides practice and improvement of previously acquired skills. ***Prerequisites: Students must have completed Algebra 2***

**Course #270631 Trigonometry (1 credit) Grade 12**

Students will study relations, functions, graphs, trigonometry, polar coordinates, complex numbers, limits, and derivatives. The student will analyze and graph mathematical functions. There is an emphasis on verification of trigonometric identities using all of the basic trigonometric identities. ***Prerequisites: Algebra I, Geometry, Algebra 2, PreCalculus***

**Course #270511A Calculus (1 credit) Grade 12**

This course is designed for students who have completed courses containing all the required high school Kentucky Academic Standards for Mathematics. This course is designed to address all the concepts normally covered in differential and integral calculus. Upon completion of the course, students should be able to (1) understand the concept of the limit of a function; (2) describe the asymptotic and unbounded behavior of functions; (3) understand continuity as a property of functions; (4) demonstrate an understanding of the derivative; (5) apply differentiation techniques; (6) understand and apply the Fundamental Theorem of Calculus; (7) apply techniques of integration; and (8) use integration to solve problems. ***Prerequisites: Algebra I, Geometry, Algebra 2, PreCalculus***

**Course #MAT114EKU Dual Credit College Algebra (EKU) (1/2 credit) Grade 11-12**

This EKU course will tentatively be offered through the McCreary Central Dual Credit Program (see page 42). In this course students will study real and complex numbers, integer and rational exponents, polynomial and rational equations and inequalities, graphs of functions and relations, exponential and logarithmic functions. ***Prerequisites: Algebra 1, Geometry, Algebra 2, PreCalculus, and students must be enrolled in the McCreary Central and EKU Dual Credit Programs. EKU also requires ACT Math-22, ACT Eng-18, ACT Read-20).***

**Course #MAT122EKU Dual Credit Precalculus (1/2 credit) Grades 12**

These EKU courses will tentatively be offered through the McCreary Central Dual Credit Program (see page 42). In this course students will study polynomial, rational, exponential, logarithmic, and trigonometric functions and inverses. Sequences and series, systems of linear and nonlinear equations and inequalities, the complex number system, vectors, the binomial theorem, mathematical induction, and conic sections. ***Prerequisites: Algebra 1, Geometry, Algebra 2, PreCalculus, and students must be enrolled in the McCreary Central and EKU Dual Credit Programs. EKU also requires: ACT Math-22, ACT Eng-18, ACT Read-20).***

**Course #MAT234EKU Dual Credit Calculus 1 (EKU) (1/2 credit) Grade 12**

This ECU course will tentatively be offered through the McCreary Central Dual Credit Program (see page 42). Knowledge of trigonometry and proficiency in algebraic operations is required to enter this course. It is the study of analytic geometry, functions, continuity, concept of limit, differentiation of algebraic and trigonometric functions, applications of derivatives, and introduction to the process of integration.

***Prerequisite: ECU College Algebra & ECU PreCalculus or ACT math score of 25 and the student must be enrolled in the McCreary Central and ECU Dual Credit Programs.***

**Course #MTH111CU Dual Credit College Algebra (Campbellsville University) (1/2 credit) Grade 12**

This Campbellsville University course will tentatively be offered through the McCreary Central Dual Credit Program (see page 42). This course is designed to extend knowledge of high school algebra to more advanced topics. Topics included in this course are polynomials, rational expressions, solving linear quadratic, higher degree polynomial, exponential equations, as well as equations involving radicals.

Functions, coordinate geometry, several conic section curves, and applications of these concepts are also included in the course. ***Prerequisites: Algebra 1, Geometry, Algebra 2, PreCalculus, and students must be enrolled in the McCreary Central and Campbellsville University Dual Credit Programs.***

## Physical Education

It is required that all students taking Physical Education classes participate. Students who are unable to participate due to an illness or medical condition must have a Doctor's Statement. No parent notes will be accepted. These students may complete an alternate assignment rather than be physically active until the doctor note has expired.

**Course #340290 Integrated Health and Physical Education (1 credit) Grade 9**

This course provides insight into healthy living, including the structures and functions of the human body, its systems, and the importance of physical fitness and sound nutrition. Curricular components include: the Lake Cumberland Health Dept, UNITE, American Cancer Society, and APEX learning platform. In addition, movement, sports and physical activity are used as central elements to foster active, healthy lifestyles and enhance the quality of life for the future. This is a required course for graduation.

**Course #340214LF Lifetime Activities and Sports (1 Credit) Grades 11-12**

This course will focus on promoting health through activities and sports one can participate in throughout their lifetime. Lifetime Activities may include but are not limited to...hiking, badminton, handball, golf, cornhole, horseshoes, kickball, tennis, table tennis, ultimate frisbee, dance, capture the flag, walking, cycling, etc. Sports may include but are not limited to...basketball, baseball, soccer, volleyball, football, etc. ***Prerequisite: Integrated Health & PE***

**Course #340214 Conditioning & Fitness (1 credit) Grades 11-12**

This course emphasizes improvement in flexibility, strength, and endurance. Resistance (weight) training fundamentals are included with safety highlighted throughout the course. Students are guided and encouraged to develop an individual fitness plan. Periodic assessments are made so students can monitor progress. ***Pre-requisite: Integrated Health and Physical Education***

**Course #580244F Athletic Conditioning (1 credit) Grades 10-12**

This course is designed for student athletes. It emphasizes improvement in flexibility, strength, and endurance. Resistance (weight) training fundamentals are included with safety highlighted throughout the course. Students are guided and encouraged to develop an individual fitness plan. Periodic assessments are made so students can monitor progress.

## Science

**Course #N304611 Earth Space Science (1 credit) Grade 9**

Students develop a conceptual understanding of Earth/space science, as outlined in the Kentucky Academic Standards for Science, through the use of science and engineering practices. They experience Earth/space concepts such as energy in the Earth system, geochemical cycles, formation and ongoing changes of the Earth system, and formation and ongoing changes of the universe. Students will learn these core ideas within these topics through the use of the 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.

**Course #A304611 Advanced Earth Space Science (1 credit) Grade 9**

This course addresses the same content as Earth Space Science but at an accelerated pace. Focus will be more on student centered strategies including labs and advanced writing in the science curriculum. *Students will be placed in this course based on teacher recommendation.*

**Course #N302601 Biology I (1 credit) Grade 10**

Biology I is the required sophomore level course at McCreary Central High School. Earth Space Science is a prerequisite for this class. Students will discover the dynamics of the living world. Rubric-driven lab investigations, open-ended questioning, Internet activities, and performance events will be utilized. Students are expected to participate as well as contribute to class discussions and activities.

***Prerequisite: Earth Space Science.***

**Course #A302601 Advanced Biology 1 (1 credit) Grade 10**

This course focuses on the study of microbiological techniques, viruses, fungi, protozoans, bacteria, and pathogenic organisms. This will meet the Biology requirement for students selected to take this course.

*Students will be placed in this course based on teacher recommendation. Prerequisite: Earth Space Science.*

**Course #N304521 Chemistry 1 (1 credit) Grade 11**

Chemistry I is a required course for graduation. Chemistry is a junior level course and provides students the opportunity to learn about substances, their compositions, and affects upon one another. Chemistry topics include: atomic structure, the periodic table, balancing equations, nomenclature, and solutions.

***Prerequisites: Earth Space Science, Biology 1, Algebra 1.***

**Course #A304521 Advanced Chemistry 1 (1 credit) Grade 11**

This course addresses the same content as Chemistry I but more in depth and at an accelerated pace. *Students will be placed in this course based on teacher recommendations. Prerequisite: Earth Space Science, Biology I, Algebra I.*

**Course #304620 Environmental Science Grades 10-12**

Students will be provided with a specialized understanding of the many ways that animals influence the world around them, while underlining the importance of conservation. This course will include topics in zoology, botany, animal behavior, and conservation biology. This course will also include wildlife management topics. This course would be great for any student interested in working for the U.S. forest service, becoming a game warden, etc. *Prerequisite: Earth Space Science*

**Course #302602 Biology 2 (1 credit) Grades 11-12**

This is a second-level biology course for average or college track students. Students can expect topics from biodiversity, microbiology, anatomy, physiology, vertebrae embryology, biochemistry, immunology, and molecular biology. *Prerequisite: Earth Space Science, Biology 1*

**Course #304522 Chemistry 2 (1 credit) Grade 12**

This college level course focuses on the study of the structure of matter, chemical kinetics, solution chemistry, and laboratory techniques. *Prerequisite: Biology, Chemistry*

**Course #304821 Physics (1 credit) Grades 11-12**

Physics is an elective course for juniors and seniors and is highly recommended for students entering any medical field, engineering, or architecture. This course is designed to produce understanding of the physical laws of science and to broaden the student's ability to conceptualize physics. There will be balance between physics theory and practical application with problem solving being the primary means of reinforcement. Demonstrations are designed to reinforce concepts being studied, show students "how things work" explain natural phenomena, and demonstrate related concepts. Laboratory experiments are selected to reinforce concepts and to allow students to get hands on experience with common physics equipment. *Prerequisites: Alg I, Alg II, Geometry or ACT score of 19.*

**Course #302616 Introduction to Forensic Science/Criminalistics (1 credit) Grades 11-12**

Forensic science is the application of science to the law and encompasses various scientific disciplines as it applies to criminal investigation and laboratory analysis. This course will introduce various methodologies and applications used in the forensic context. Topics discussed include organic and inorganic chemical analysis of physical evidence, principles of serology and DNA analysis, fingerprint, hair, fiber, paint, glass, soil, impressions & tool mark analysis, toxicology, arson and microscopy.

*Prerequisites: Biology 1 / Algebra 1*

## Social Studies

### **Course #450835 World History/World Geography (1 credit) Grade 9**

World History is a survey of the history of the world focusing on cultural and political aspects; ancient and modern history; the study of western and non-western civilizations; and current events. This is a required course for all Freshmen.

### **Course #451004 US Government (1 credit) Grade 10**

American Government is the study of the United States, local, and other political systems; recruitment; roles and decision making; official duties; executive, legislative, and judicial government branches. This is a required course for all Sophomores.

### **Course #450812 US History (1 credit) Grade 11**

United States History explores events, movements and ideas from 1877 to the present to develop chronological understanding and recognize cause and effect relationships, examine the impact of individuals, and stages in society. This is a required course for all Juniors.

### **Course #HIS102EKU & HIS103EKU Dual Credit US History (1/2 credit each) Grade 11-12**

These ECU courses will be tentatively offered through the McCreary Central Dual Credit Program (see page 42). United States History examines significant eras of United States history (from Colonialism to current events) to develop chronological understanding and recognize cause and effect relationships, to examine impact of individuals and stages in society. **Prerequisite: Student must be enrolled in the McCreary Central and ECU Dual Credit Programs.**

### **Course #451121 Sociology (1 credit) Grades 11 - 12**

Sociology is the scientific study of human society. It is concerned with the behavior of human beings in group situations. The study of sociology, therefore, consists of trying to understand: The basic units and institutions of social life, such as the family, schools, neighborhoods, rural and urban communities, and the many other kinds of groups with which humans identify. This group can include occupational, political, religious, ethnic, family, economic status, or ideology. The sociological perspectives focus on how those social relationships arise, why they persist, why antagonisms develop, and how they maintain social order to contribute to social change.

### **Course #451039 Law and Justice (1 credit) Grades 11-12**

This course will cover an in-depth critical analysis of the United States Constitution. Designed to give students a general overview of the criminal justice system, including a detailed description of the three components of criminal justice—police, courts, and corrections. The course covers an analysis of the components of interdependence in the criminal justice system. It is an elective course for Juniors/Seniors for one social studies credit.

### **Course #459901 Psychology (1 credit) Grades 11-12**

Introduction to the basic concepts of psychology closely related to the natural sciences and social sciences. Course concentrates on such basic concepts as the learning processes, cognitive processes, mnemonic devices for aid in memory and human development. In addition, the class is designed to address abnormal versus normal behavior, group cooperation and conflict prejudices, stereotypes, and psychological disorders.

## Distance Learning

Distance learning is a computer-based program (APEX) designed to allow the student to make-up credits needed for graduation. The courses are designed for repeating failed classes or transfer students who need to align their credits with those of McCreary Central. Prior Approval is necessary to enroll.

### Distance Learning Courses Available

MCHS Course	Course #	APEX Course Title	Credit
English 1	PB230107	English 9	1
English 2	PB230110	English 10	1
English 3	PB230113	English 11	1
English 4	PB230116	English 12	1
Algebra 1	PB270304	Algebra 1	1
Geometry	PB270401	Geometry	1
Algebra 2	PB270311	Algebra 2	1
Technical Math	PB270643	Math Foundations 1*	1/2
Financial Literacy	PB080719FL	Financial Literacy*	1/2
PreCalculus	PB270501	PreCalculus	1
Earth Space Science	PB304611	Earth Science	1
Biology	PB302601	Biology	1
Chemistry	PB304521	Chemistry	1
Health	PB340133	Health*	1/2
Physical Education	PB340216	Physical Education*	1/2
World History	PB450835	World History	1
US Government	PB451004	US Government & Politics*	1/2
Geography & World Cultures	PB450709	Geography & World Cultures*	1/2
US History	PB450812	US History	1
Music Appreciation	PB500912	Music Appreciation	1
Business Applications	PB060111	Business Applications*	1/2
Personal Finance	PB060170	Mathematics of Personal Finance	1
Intro Business & Technology	PB060197	Introduction to Business & Technology	1
Principles of Marketing	PB080716	Principles of Business, Marketing, and Finance	1
Computer Literacy	PB110110	Principles of Information Technology	1
Digital Literacy	PB060112	Computer Applications*	1/2
Spanish 1	PB161108	Spanish 1	1
Spanish 2	PB161109	Spanish 2	1
Principles of Health Science	PB170111	Principles of Health Science	1



<b>Distance Learning Courses Available Con't</b>			
<b>MCHS Course</b>	<b>Course #</b>	<b>APEX Course Title</b>	<b>Credit</b>
Personal Communications	PB231011PC	Personal Communications	1/2
College & Career Prep	PB231295	College & Career Prep	1
Lifetime Activities & Sports	PB340214LF	Health Opportunities through Physical Education (HOPE)	1
Economics & Personal Finance	PB450601	Economics & Personal Finance	1
Sociology	PB451121	Sociology*	1/2
Multicultural Studies	PB451121MS	Multicultural Studies*	1/2
Psychology	PB459901	Psychology*	1/2
Art Appreciation	PB500726	Art Appreciation*	1/2
Music Appreciation	PB500912	Music Appreciation	1

## **Dual Enrollment Program**

The McCreary Center Campus of the KCTCS will be working in partnership with MCHS administration and faculty to provide dual enrollment courses. These courses will provide enrichment and offer students as an opportunity to earn college credit from an accredited community college. **Dual enrollment courses do not count toward graduation requirements, GPA, or class rank. They will not be included on the high school transcript.** McCreary Central High School will only approve Dual Enrollment courses for Students that have a GPA of 3.25 or above. Dual enrollment courses may not exceed 2 courses per semester. Students enrolling in dual enrollment courses offered by The McCreary Center Campus of the KCTCS must meet the requirements of the McCreary Center Campus of the KCTCS and are responsible for the fees, all books and related materials required by the instructor. Dual Enrollment (must be requested for EACH dual enrollment course)

## Dual Credit Program

McCreary Central's Dual Credit Program offers courses for Juniors and Seniors. Students in the program will receive high school credit for the courses and college credit from the participating college. McCreary Central currently partners with Campbellsville University-Somerset, Eastern Kentucky University, and Somerset Community College.

### **Academic College Dual Credit**

In order to enroll in the Academic Dual Credit, students must meet the following requirements: GPA-3.5, ACT English-18, and ACT Reading-20. Some courses require higher subscores.

The following is a tentative list of courses.

- ENG 111 & ENG 112 (English Composition) - *Campbellsville University*
- HIS 102 & HIS 103 (US History) - *Eastern Kentucky University*
- MAT 114 (College Algebra)-Eastern Kentucky University (ACT Math-22, ACT Eng-18, ACT Read-20)
- MAT 122-PreCalculus - *Eastern Kentucky University* (at least a C in MAT 114)
- MAT 234-Calculus I (ACT Math-25 or MAT 122) - *Eastern Kentucky University*
- MTH 111 (College Algebra) - *Campbellsville University*
- MUS 125 (Understanding Music) - *Campbellsville University*

### **Career/Technical Dual Credit**

In order to enroll in Career/Technical Dual Credit courses, students must have a 2.5 GPA.

The following is a tentative list of courses.

- ED 220 - Introduction to Teaching - *Campbellsville University-Somerset*
- ED 300 - Human Development Theory - *Campbellsville University-Somerset*
- ED 310 - Instructional Technology - *Campbellsville University-Somerset*
- ED 325 - Teaching Diverse Learners - *Campbellsville University-Somerset*
- AHS 115 - Medical Terminology - *Somerset Community College*
- KHP 190 - First Aid & Emergency Care - *Somerset Community College*
- NAA 100 – Nurse Aid - *Somerset Community College*
- PHB 151 – Phlebotomy - *Somerset Community College*
- WLD 120, 121, 123, 140, 141, 143 – Welding - *Somerset Community College*

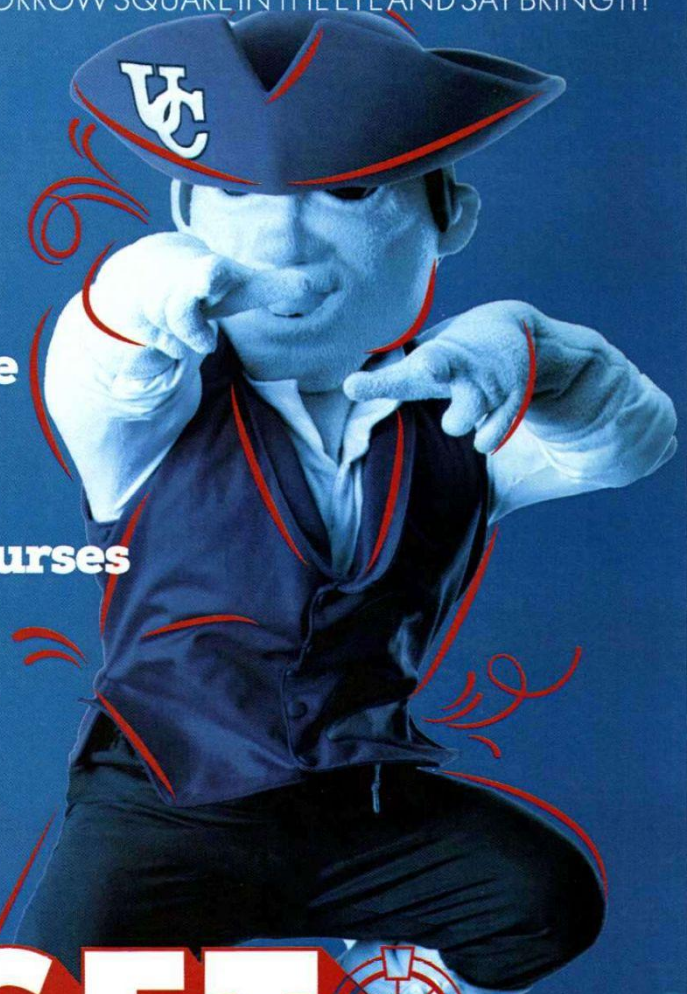
**Grades from dual credit courses will be weighted.**

**Only students that have been accepted to the dual credit programs may enroll in the dual credit courses.**

# CUMBERLANDS STUDENTS ARE ALL SET.

JOIN US! AND YOU, TOO, WILL LOOK TOMORROW SQUARE IN THE EYE AND SAY BRING IT!

- ★ **Enroll early in college**
- ★ **Earn credit for high school and college courses**
- ★ **Start college with an associate degree**



# GET SET FOR CUMBERLANDS

[ucumberland.edu](http://ucumberland.edu)

UNIVERSITY OF THE  
CUMBERLANDS

# McCREARY CENTRAL HIGH SCHOOL DUAL CREDIT

**DUAL CREDIT COURSES OFFERED MCHS:**

**UC COURSES OFFERED AT MCHS**

_____	_____
_____	_____
_____	_____

**CAMPBELLVILLE UNIVERSITY COURSES OFFERED AT MCHS**

**English**

ENGL 111	English Composition I	_____
ENGL 112	English Composition II	_____

**EASTERN KENTUCKY UNIVERSITY COURSES OFFERED AT MCHS**

**History**

HIST 102	US History	_____
HIST 103	US History	_____

**Mathematics**

MAT 234	Calculus I	_____
MAT 114	College Algebra	_____
MAT 122	Pre - Calculus	_____

**SOMERSET COMMUNITY COLLEGE COURSES OFFERED AT MCHS**

**Career/Technical**

NAA 100	Nurse Aid	_____
PHB 151	Phlebotomy	_____
WLD 120	Welding	_____
WLD 121	Welding	_____
WLD 123	Welding	_____
WLD 140	Welding	_____
WLD 141	Welding	_____
WLD 143	Welding	_____

**PATHWAYS AVAILABLE**

- INFORMATION TECHNOLOGY SCIENCES
- CRIMINAL JUSTICE
- BUSINESS ADMINISTRATION
- HUMAN SERVICES
- ELEMENTARY EDUCATION
- GENERAL STUDIES

**LETTER FROM UC ADMISSIONS:**

Congrats on taking the next step toward your future! Cumberland has changed our lives and we hope you can have a similar experience. You are already part of the Cumberland family and we are here to help make your transition to campus as easy as possible. Please let us know if we can help in any way. Go PATS!

**ADMISSIONS@UCUMBERLANDS.EDU**

**UC ADVISING MEETING #1**

**Fall Sophomore Year (6 hours)**

Cultural Reasoning* (3)	_____
Old or New Testament* (3)	_____
Dual Credit Orientation (0)	_____

**Spring Sophomore Year (6 hours)**

Social Professional Awareness* (3)	_____
Aesthetic Appreciation* (3)	_____

**Summer Before Junior Year (6 hours)**

Elective (3)	_____
Social Professional Awareness* (3)	_____

**UC ADVISING MEETING #2**

**Fall Junior Year (9 hours)**

History (HIST 231*) (3)	_____
English Comp I* (3)	_____
1 <sup>st</sup> Strategic Elective (3)	_____

**Spring Junior Year (10 hours)**

Science with Lab (4)	_____
MATH 132 College Algebra* (3)	_____
2 <sup>nd</sup> Strategic Elective (3)	_____

**Summer Before Senior Year (6 hours)**

Elective (3)	_____
3 <sup>rd</sup> Strategic Elective (3)	_____

**UC ADVISING MEETING #3**

**Fall Senior Year (9 hours)**

Elective or (MATH 136*) (3)	_____
English Comp II* (3)	_____
4 <sup>th</sup> Strategic Elective (3)	_____

**Spring Senior Year (9 hours)**

Elective or (HIST 232*) (3)	_____
5 <sup>th</sup> Strategic Elective (3)	_____
6 <sup>th</sup> Strategic Elective (3)	_____

**Total College Credit: 61**

\*UC general education course

**STUDENT INFORMATION: ID NAME**

\_\_\_\_\_  
STUDENT SIGNATURE (Indicating Responsibility for the Requirements)



## **National Honor Society & BETA Club**

<b>National Honor Society Requirements</b>	
Grade Level	11-12
GPA	3.5
College Readiness	ACT Benchmarks (18-Eng, 19-Math, 20-Reading)
State Testing	Apprentice level on no more than one state assessment per school year. No novice score.
Unexcused Absences	No more than 6
Discipline	No more than 2 non-attendance related discipline referrals
Community Service	3 community service events

<b>SR BETA Club Requirements</b>	
Grade Level	10 - 12
GPA	3.5
State Testing	Apprentice level on no more than one state assessment per school year. No novice score.
Unexcused Absences	No more than 6
Discipline	No more than 2 non-attendance related discipline referrals

The guidance office will send a list of candidates for grade 10 (all students that meet the Academic, Attendance, and Discipline requirements) to BETA sponsor no later than the 1st week of school.

The guidance office will send a list of candidates for grades 11 & 12 (all students that meet the Academic, Attendance, and Discipline requirements) to NHS/BETA sponsors no later than one week after state test scores are released to the public each year.

- The sponsors will:
  - distribute applications to all candidates to verify that community service/leadership requirements have been met
  - select a deadline for club dues to be paid (student must let sponsor know if they are unable to pay the dues)

GPA will be based on their cumulative GPA.

Attendance, discipline, and test scores will be based on the previous school year.

Current members must be reevaluated each year to make sure that they still meet the requirements.

The official lists of NHS members and BETA Club members on the Graduation Program will only include those that are members during their Senior year.



### **Selection Criteria for Valedictorian and Salutatorian**

McCreary Central High School emphasizes the importance of academic and civic excellence throughout the high school careers of its students. Determination of class valedictorian and salutatorian will be based on the following items: overall \*Grade Point Average (GPA) at the end of the final semester, ACT composite score, and KY State Assessments. The formula for calculating the Honor Score is:

**GPA will count 40%** Student GPA divided by the maximum, multiplied by 100.

$$(Student\ GPA)/(Max\ GPA) \times 100 = GPA\ Component$$

**ACT will count 40%** Student ACT high composite Score will be divided by the maximum (36), multiplied by 100.

$$(Student\ ACT)/(36) \times 100 = ACT\ Component$$

**KY Assessments will count 20%** The student scores on the KY assessments divided by the total possible, multiplied by 100.

$$(KY\ Scores)/(Total\ Possible) \times 100 = KY\ Assessment\ Component$$

#### **Final Calculation:**

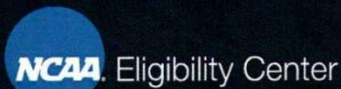
$$GPA\ Component \times 0.40 + ACT\ Component \times 0.40 + KY\ Assessment\ Component \times 0.20 = Total\ Score$$

Note: All decimals should be rounded to two places. The maximum GPA could change from year to year.

**Valedictorian and salutatorian will be selected from the top two scores, respectively.**

\*The overall GPA reflects weighted credit for Dual Credit courses.

**Notice: The information contained in this guide is subject to amendment based on changes in the oversight of educational policies by the Kentucky Department of Education and the McCreary County Board of Education.**



# DIVISION I ACADEMIC REQUIREMENTS

## CORE-COURSE REQUIREMENTS

Complete 16 core courses in the following areas:

<b>ENGLISH</b>	<b>MATH</b> (Algebra I or higher)	<b>NATURAL/ PHYSICAL SCIENCE</b> (Including one year of lab, if offered)	<b>ADDITIONAL</b> (English, math or natural/physical science)	<b>SOCIAL SCIENCE</b>	<b>ADDITIONAL COURSES</b> (Any area listed to the left, foreign language or comparative religion/philosophy)
4 years	3 years	2 years	1 year	2 years	4 years

## FULL QUALIFIER

College-bound student-athletes enrolling at an NCAA Division I school need to meet these academic requirements to practice, compete and receive an athletics scholarship in their first year of full-time enrollment.

- Complete 16 core courses in the appropriate areas.
  - Ten of the 16 core courses must be completed before the seventh semester (senior year) of high school.
  - Seven of the 10 core courses must be in English, math or natural/physical science.
- Earn a core-course GPA of at least 2.300.
- Earn an SAT combined score or ACT sum score matching the core-course GPA on the Division I sliding scale.
- Submit proof of graduation to the Eligibility Center.

## ACADEMIC REDSHIRT

All Division I academic redshirts may receive an athletics scholarship and practice during their first year of full-time enrollment at a Division I school, but may NOT compete.

- Complete 16 core courses in the appropriate areas.
- Earn a core-course GPA of at least 2.000.
- Earn an SAT combined score or ACT sum score matching the core-course GPA on the Division I sliding scale.
- Submit proof of graduation to the Eligibility Center.

## INTERNATIONAL STUDENTS

Please review the [international initial-eligibility flyer](#) for information and academic requirements specific to international student-athletes.

For information on Division II, view the [Division II academic requirements flyer](#).



### TEST SCORES

If a student-athlete plans to attend an NCAA Division I college or university, they should use the sliding scale to review the core-course GPA and SAT/ACT score they will need to meet Division I full qualifier standards. When registering for the SAT or ACT, students should use code **9999** to ensure their test scores are sent directly to their Eligibility Center account. More information regarding the impact of COVID-19 and test scores can be found at [on.ncaa.com/COVID19\\_Fall2022](http://on.ncaa.com/COVID19_Fall2022).

An SAT combined score is calculated by adding critical reading and math subscores. An ACT sum score is calculated by adding English, math, reading and science subscores. Students may take the SAT or ACT an unlimited number of times before they enroll full time in college. If a student takes either test more than once, the best subscores from each test are used for their academic certification process.

### CORE-COURSE LIST

Student-athletes should check to see if their high school has a list of [NCAA-approved core courses](#). No core-course list means courses taken from that high school will not count toward NCAA eligibility.

### ONLINE COURSES/ NONTRADITIONAL

Nontraditional courses are classes taught online or through distance learning, hybrid/blended, independent study, individualized instruction, correspondence or similar means.

These types of courses may be acceptable for use in the NCAA initial-eligibility certification process; however, it is important to make sure the nontraditional program has been approved and appears on the high school's list of [NCAA-approved core courses](#).

### BE AHEAD OF THE GAME

If student-athletes want to get ahead of the game, they need to register with the [NCAA Eligibility Center](#) during their freshman/9th year.

After college-bound student-athletes complete their sophomore, junior and senior years, it is important for them to ask their counselor at each high school or program they attended to upload their official transcript to their Eligibility Center account.

Want more information? Visit [ncaa.org/playcollegesports](http://ncaa.org/playcollegesports).

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DIVISION I FULL QUALIFIER SLIDING SCALE					
Core GPA	SAT*	ACT Sum*	Core GPA	SAT*	ACT Sum*
3.550	400	37	2.750	810	59
3.525	410	38	2.725	820	60
3.500	430	39	2.700	830	61
3.475	440	40	2.675	840	61
3.450	460	41	2.650	850	62
3.425	470	41	2.625	860	63
3.400	490	42	2.600	860	64
3.375	500	42	2.575	870	65
3.350	520	43	2.550	880	66
3.325	530	44	2.525	890	67
3.300	550	44	2.500	900	68
3.275	560	45	2.475	910	69
3.250	580	46	2.450	920	70
3.225	590	46	2.425	930	70
3.200	600	47	2.400	940	71
3.175	620	47	2.375	950	72
3.150	630	48	2.350	960	73
3.125	650	49	2.325	970	74
3.100	660	49	2.300	980	75
3.075	680	50	2.299	990	76
3.050	690	50	2.275	990	76
3.025	710	51	2.250	1000	77
3.000	720	52	2.225	1010	78
2.975	730	52	2.200	1020	79
2.950	740	53	2.175	1030	80
2.925	750	53	2.150	1040	81
2.900	750	54	2.125	1050	82
2.875	760	55	2.100	1060	83
2.850	770	56	2.075	1070	84
2.825	780	56	2.050	1080	85
2.800	790	57	2.025	1090	86
2.775	800	58	2.000	1100	86

ACADEMIC REDSHIRT

\*Full sliding scale research between the new SAT and ACT is ongoing.







# DIVISION II ACADEMIC REQUIREMENTS

## CORE-COURSE REQUIREMENTS

Complete 16 core courses in the following areas:

<b>ENGLISH</b>	<b>MATH</b> (Algebra I or higher)	<b>NATURAL/ PHYSICAL SCIENCE</b> (Including one year of lab, if offered)	<b>ADDITIONAL</b> (English, math or natural/physical science)	<b>SOCIAL SCIENCE</b>	<b>ADDITIONAL COURSES</b> (Any area listed to the left, foreign language or comparative religion/philosophy)
3 years	2 years	2 years	3 years	2 years	4 years

## FULL QUALIFIER

College-bound student-athletes enrolling at an NCAA Division II school need to meet these academic requirements to practice, compete and receive an athletics scholarship in their first year of full-time enrollment.

- Complete 16 core courses in the appropriate areas.
- Earn a core-course GPA of at least 2.200.
- Earn an SAT combined score or ACT sum score matching the core-course GPA on the Division II full qualifier sliding scale.
- Submit proof of graduation to the Eligibility Center.

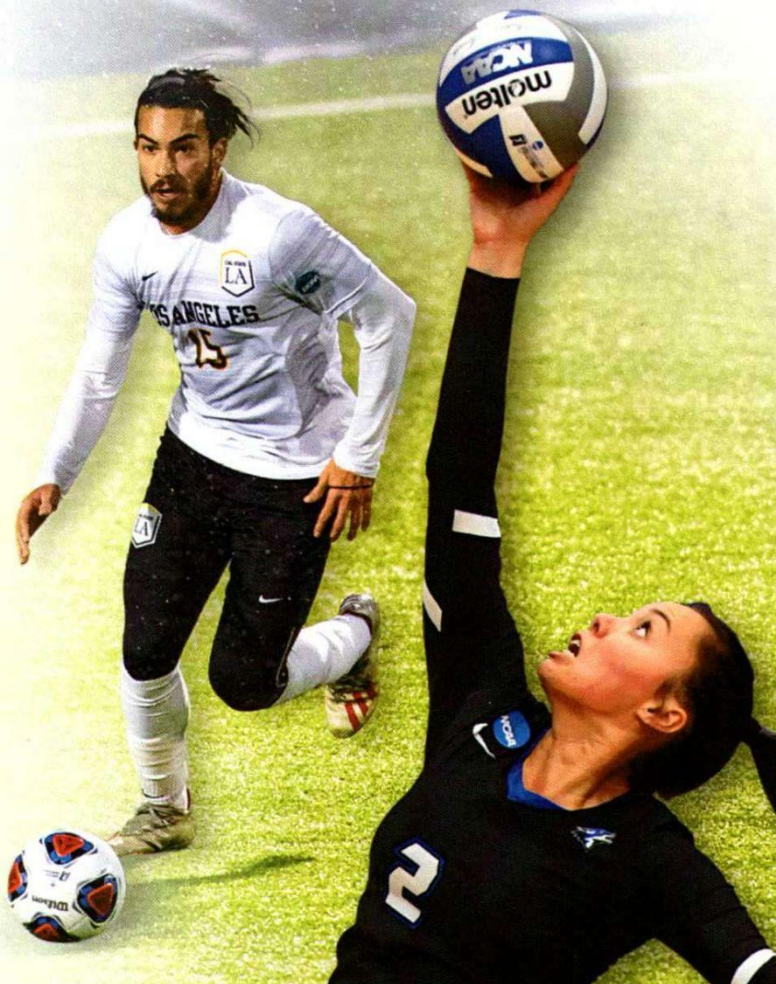
## PARTIAL QUALIFIER

College-bound student-athletes that do not meet Division II full qualifier standards will be deemed a partial qualifier. All Division II partial qualifiers may receive an athletics scholarship and practice during their first year of full-time enrollment at a Division II school, but may NOT compete.

## INTERNATIONAL STUDENTS

Please review the [international initial-eligibility flyer](#) for information and academic requirements specific to international student-athletes.

For information on Division I, view the [Division I academic requirements flyer](#).



## TEST SCORES

If a student-athlete plans to attend an NCAA Division II college or university, they should use the sliding scale to review the core-course GPA and SAT/ACT score they will need to meet Division II full qualifier standards. When registering for the SAT or ACT, students should use code **9999** to ensure their test scores are sent directly to their Eligibility Center account. More information regarding the impact of COVID-19 and test scores can be found at [on.ncaa.com/COVID19\\_Fall2022](https://on.ncaa.com/COVID19_Fall2022).

A combined SAT score is calculated by adding critical reading and math subscores. An ACT sum score is calculated by adding English, math, reading and science subscores. Students may take the SAT or ACT an unlimited number of times before they enroll full time in college. If a student takes either test more than once, the best subscores from each test are used for their academic certification process.

## CORE-COURSE LIST

Student-athletes should check to see if their high school has a [list of NCAA-approved core courses](#). No core-course list means courses taken from that high school will not count toward NCAA eligibility.

## ONLINE COURSES/ NONTRADITIONAL

Nontraditional courses are classes taught online or through distance learning, hybrid/blended, independent study, individualized instruction, correspondence or similar means.

These types of courses may be acceptable for use in the NCAA initial-eligibility certification process; however, it is important to make sure the nontraditional program has been approved and appears on the high school's [list of NCAA-approved core courses](#).

## BE AHEAD OF THE GAME

If student-athletes want to get ahead of the game, they need to register with the [NCAA Eligibility Center](#) during their freshman/9th year.

After college-bound student-athletes complete their sophomore, junior and senior years, it is important for them to ask their counselor at each high school or program they attended to upload their official transcript to their Eligibility Center account.

For more information on Division II, visit [ncaa.org/D2](https://ncaa.org/D2).

**Want more information? Visit**  
[ncaa.org/playcollegesports](https://ncaa.org/playcollegesports).

Follow us: [@ncaaec](#) [@playcollegesports](#) [@ncaaec](#)

DIVISION II FULL QUALIFIER SLIDING SCALE					
Core GPA	SAT*	ACT Sum*	Core GPA	SAT*	ACT Sum*
3.300 & above	400	37	2.725	730	52
3.275	410	38	2.700	740	53
3.250	430	39	2.675	750	53
3.225	440	40	2.650	750	54
3.200	460	41	2.625	760	55
3.175	470	41	2.600	770	56
3.150	490	42	2.575	780	56
3.125	500	42	2.550	790	57
3.100	520	43	2.525	800	58
3.075	530	44	2.500	810	59
3.050	550	44	2.475	820	60
3.025	560	45	2.450	830	61
3.000	580	46	2.425	840	61
2.975	590	46	2.400	850	62
2.950	600	47	2.375	860	63
2.925	620	47	2.350	860	64
2.900	630	48	2.325	870	65
2.875	650	49	2.300	880	66
2.850	660	49	2.275	890	67
2.825	680	50	2.250	900	68
2.800	690	50	2.225	910	69
2.775	710	51	2.200	920	70 & above
2.750	720	52			

\*Full sliding scale research between the SAT and ACT is ongoing.

NCAA Division II  
**MAKE IT YOURS**



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# NAIA

NAIA GUIDE FOR THE COLLEGE-BOUND STUDENT-ATHLETE

## NAIA Eligibility Center at PlayNAIA.org determines eligibility of all first-time NAIA student-athletes

The NAIA Eligibility Center, at [PlayNAIA.org](http://PlayNAIA.org), is responsible for determining the NAIA eligibility of first-time student-athletes. Students must receive an eligible decision by the NAIA Eligibility Center prior to competing for the first-time in the NAIA, and all NAIA schools are bound by the center's decisions.

Every student interested in playing sports at NAIA colleges for the first time needs to register online with the NAIA Eligibility Center and receive an eligible determination. This applies to high school seniors and transfers from both two- and four-year colleges.

What information will I need to provide? You'll create a personal profile with the basic facts about your academic history and sports participation to date.

- You'll need your current contact information, previous residences and addresses, high schools attended and history of your sports participation during and after high school graduation.
- **9876** When you register for the ACT or SAT, include the NAIA Eligibility Center (9876) on the list of places test scores should be sent.
- Ask your high school counselors to send a final, official transcript that verifies high school graduation, class rank and cumulative grade point average to the eligibility center through the NAIA High School Portal.

### What are the costs?

Registration costs for students are as follows:

- Canada: \$90
- International: \$150
- US/Canadian freshman break: \$135
- US/Canadian break: \$150



This is a one-time, nonrefundable registration fee and includes all services for the student type. Additional fees may be assessed if your student type changes.

The registration fee will be waived for U.S. students with demonstrated need. If you received a fee waiver for the ACT or SAT test or received federal free or reduced-cost lunch program, contact your high school counselor, who can provide confirmation of your eligibility for a fee waiver to the NAIA Eligibility Center. Fee waiver confirmations are required to be completed by high school counselors through the online [NAIA High School Portal](#) regardless of when you graduated high school.



### Do I need to register with the NAIA Eligibility Center if I'm registering with the NCAA?

Yes, determining if you meet eligibility requirements for NAIA eligibility is separate from NCAA eligibility certification. The NAIA and NCAA are two separate associations, with two different sets of rules and certification processes.

### Early decisions for high school seniors

Students, who have completed their junior year of high school and have at least a 3.0 GPA on a 4.0 scale (2.5 on a 4.0 scale midway through senior year) and the minimum test scores required, may obtain an eligibility determination before graduating from high school. Those students will need to request that their official transcripts after their junior year be sent to the NAIA Eligibility Center and contact ACT or SAT to have their test scores sent directly.

Register with the NAIA Eligibility Center at [PlayNAIA.org](http://PlayNAIA.org).

#### NAIA Eligibility Center

Phone: 816.595.8300  
Hours: Monday-Friday  
8:30 a.m. to 5 p.m. Central  
[Contact Us](#)

#### Address

NAIA Eligibility Center  
120 W. 12th Street  
Suite 700  
Kansas City, Mo. 64105

**Do I meet the freshman eligibility requirements?**

If you will graduate from a U.S. high school this spring and enroll in college this coming fall, the requirements are simple. An entering freshman must:

- Be a graduate of an accredited high school.
- Meet **two of the three** following requirements. If as an entering freshman you do not meet at least two of the three standards.

**MUST MEET TWO OF THE THREE**

1. TEST SCORE REQUIREMENT	2. HIGH SCHOOL GPA REQUIREMENT	3. CLASS RANK REQUIREMENT
<b>Achieve a minimum of 18 on the ACT or 970 on the SAT</b>	<b>Achieve a minimum overall high school grade point average of 2.0 on a 4.0 scale</b>	<b>Graduate in the top half of your high school class</b>
<p>Tests must be taken on an international testing date prior to the start of the term in which you intend to participate in athletics and scores must be achieved on a single test date. The minimum SAT must be achieved on the Evidence-Based Reading &amp; Writing and Math sections only; the Writing score cannot be used.</p> <p>Minimum score requirements for tests taken prior to May 1, 2019 varied.</p> <ul style="list-style-type: none"> <li>For tests taken prior to March 1, 2016: 18 ACT, 860 SAT (reading, math)</li> <li>For tests taken between March 1, 2016 and May 1, 2019: 16 ACT, 860 SAT (evidence-based reading &amp; writing, math)</li> </ul>	<p>The NAIA accepts the grade point average determined by the high school, provided it is recorded and awarded in the same manner as for every other student at the school.</p>	<p>If a student's class rank does not appear on the transcript, a signed letter from the principal or headmaster, vice principal or guidance counselor written on the school's letterhead and with the school's official seal, stating the student's final class rank position or percent may be submitted.</p> <p><b>Exception:</b> Completion of nine institutional credit hours prior to identification at any institution of higher education can be used if no class rank appears on the final official high school transcript. The credit hours must be completed with a grade of "C" or better.</p>

**Mid-Year Eligibility Opportunity.** If you do not meet requirements for an entering freshman, you can satisfy one of the initial requirements in addition to earning 12 institutional credits hours with a grade of "C" or better during your first term of attendance at your NAIA school to be eligible.

**Learning disabilities.** Students with diagnosed learning disabilities, who do not meet the freshman eligibility requirements, may have their academic profiles reviewed by the NAIA Learning Disability Advisory Committee at the request of an NAIA institution. The LDAC will then provide recommendations to the National Eligibility Committee to assist with a final decision.

**What if I didn't attend a U.S. high school?**

The criteria for alternative high school experiences and those outside of the U.S. are determined as follows

**GED Students — must meet two of the three**

1. TEST SCORE REQUIREMENT	2. HIGH SCHOOL GPA REQUIREMENT	3. CLASS RANK REQUIREMENT
<b>Achieve a minimum of 18 on the ACT or 970 on the SAT</b>	<b>GED students are recognized as having met the GPA requirement.</b>	<b>(Not applicable)</b>

**Home Schooled Students**

TEST SCORE REQUIREMENT — Home school students who have a 20 on the ACT or 1040 on the SAT are considered to have met the freshman eligibility requirement.
<p>If a home schooled student completes a home schooling program conducted in accordance with the laws of the student's state of residence, but does not meet the test score requirement, a home school waiver may be requested from the NAIA Home School Committee. They can also become eligible without a test score by completing nine institutional credit hours with a "C" or better prior to identification at any institution of higher learning. Coursework must be accepted as institutional credit on the certifying NAIA transcript and be shown as earned prior to the term in which the student wishes to compete.</p>

**International Students — must meet two of the three**

Graduates of high schools outside of the United States or one of the U.S. territories.

1. TEST SCORE REQUIREMENT	2. HIGH SCHOOL GPA REQUIREMENT	3. CLASS RANK REQUIREMENT
<b>Achieve a minimum of 18 on the ACT or 970 on the SAT</b>	<b>Achieve a minimum overall high school grade point average of 2.0 on a 4.0 scale</b>	<b>Graduate in the top half of your high school class</b>
		<p><b>Exception:</b> Completion of nine institutional credit hours prior to identification at any institution of higher education can be used if no class rank appears on the final official high school transcript. The credit hours must be completed with a grade of "C" or better.</p>

International students must provide their academic records in both the language of issue as well as word-for-word English translation.

Note: For detailed information about the process for international students, please see the **NAIA Guide for the International Student-Athlete**.