

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 to their fullest potential.



2015 - 2016 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. The Commonwealth of Kentucky has a new logo, "Education Pays" that is on highway signs, state maps, and stationery. 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.

SBDM Approved – 3/17/15

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 (6th) 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 parent. 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 courts 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 organization 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,

SBDM Approved – 3/17/15

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 2015 - 2016

Grade 10	5 credits
Grade 11	11 credits
Grade 12	17 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.
- Students in attendance at McCreary Central for four years must take the appropriate Kentucky State testing.

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 both before and after school tutoring and summer session. In addition to these programs, MCHS also provides credit recovery opportunities through *Study Island*. 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. Also, any transferring student from MCHS to McCreary Academy will be reviewed for potential partial credits. All year-long course credits will post 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 counselor's office. A listing of major scholarships is provided to students through Advocacy. 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.

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 I (9th)
- English II (10th)
- English III (11th)
- English IV (12th)
- Other (Reading)_____

Required Math (4 credits)

- Algebra I (9th)
- Geometry (10th)
- Algebra II (11th)
- Other (Colleger&Career Readiness Math, Precalculus, Calculus, etc)

Required Social Studies (3 credits)

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

Required Science (3 credits)

- Earth Science (9th)
- Biology I (10th)
- Chemistry I (11th)
- Physics, AP Biology or Chemistry II

Other Courses (2 credits)

- Health/PE (10th)
- Arts & Humanities (11th)
(Art, Band, or Choir)
- Writing Portfolio at or above
Apprentice

<u>Electives</u>		<u>Courses Needed</u>

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.

DEPARTMENTAL INDEX

Arts & Humanities.....8
Agriculture.....10
Automotive Technology.....11
Business & Marketing.....12
Construction.....13
Engineering.....14
Health Sciences.....15
Travel and Tourism.....17
English..... 18
Foreign Language.....20
JROTC21
Mathematics..... 22
Physical Education.....24
Science..... 25
Social Studies 26
AP Program.....29
Dual Enrollment.....29
Distance Learning.....29
Valedictorian & Salutatorian.....30
NCAA Division I31
NCAA Division II32
NAIA33

Course Descriptions

Arts & Humanities



Course #500111 Arts and Humanities (1 credit) Grade 11-12

This course will provide the setting and content to help understand the development of the arts and architecture during the ancient through medieval periods and from the 14th century to present time. Emphasis will be on the relationship of the arts to the cultures of Egypt, Western Asia, Greece, Rome, Medieval Europe, and the development of Western Art. ***This is a required course of study for graduation.*** Other qualifying courses: Art, Choir, Drama, or Band.

Course #500110 Applications of Performing Arts (1 credit) Grades 9-10

Students will be learning the basics of acting and improvising 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 #500112 Advanced Performing Arts (1 credit) Grades 10-12

Students will be learning the basics of acting and improvising 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 # 500712 General Art I (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 # 500712B Advanced Art (1 credit) Grades 10-12

This course is designed to better understand the techniques and Medias of drawing, painting, and design. It is a continuation of building art principles and techniques. Students are encouraged to be more experimental and individual in their artwork. In the studies of art history, students are encouraged to become more aware of different artists and their contributions to society. The class presentation is changed and individualized to fit each student's needs as he or she advances through the years of high school.

Course #500913 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 Senior Band. Students must attend all performances and rehearsals through 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 #500914 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 own instruments or rent an instrument. Students will perform music of all styles, and develop a musical vocabulary. The 1st semester is devoted to Marching Band and the Christmas concert.

SBDM Approved – 3/17/15

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 #500922 Music Keyboarding (1 credit) Grades 9 – 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 #500925 Concert Choir (1 credit) Grades 9-12

Concert Choir is open to students demonstrating the ability to sing in tune (through audition or recommendation of middle school choral director) who desire to sing a variety of challenging choral music from the Renaissance through the Contemporary Period with a healthy vocal sound. The development of sightreading skills will be strongly emphasized, along with proper singing techniques. Students will be individually assessed on their level of vocal skill and sight reading mastery at the beginning of the term, along with periodic solo evaluations to monitor student progress in these areas throughout the semester. Students in this class are expected to be at all high school choral performances and assessments. The concert performance accounts for 25% of the student's grade each term. Students enrolled in this group must have the desire to sing a variety of choral music as well as a desire to learn to read music notation.

Course #500926G Girls Ensemble (1 credit) Grades 10-12

Girls' Ensemble is an advanced choral group open to any girl who has already completed Concert Choir, and who wishes to learn to sing a variety of more challenging choral music from the Renaissance through the Contemporary Period with a healthy vocal sound. Sightreading skills are strongly emphasized, along with proper singing techniques. Students will be individually assessed on their level of vocal skill and sightreading mastery at the beginning of the term, along with periodic solo evaluations to monitor student progress in these areas throughout the semester. Students registered for this class are expected to be at all high school choral performances and assessments.

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

This course is offered to the students who have been selected by audition based upon vocal quality and sightreading ability. Students selected for this group demonstrate outstanding vocal ability, leadership qualities, and strong academic goals. This select choral group will perform a variety of challenging music from the different musical eras. They will also develop and perform their own choreography to vocal jazz and show choir selections. 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 sightreading ability and vocal quality for Committee.***

Course #500926BEL Bella Voce(1 credit) Grades 9-12

Bella Voce is an advanced choral group is an advanced girls group selected by audition. Sightreading skills are strongly emphasized, along with proper singing techniques. Students will be individually assessed on their level of vocal skill and sightreading mastery at the beginning of the term, along with periodic solo evaluations to monitor student progress in these areas throughout the semester. Students registered for this class are expected to be at all high school choral performances and assessments.

Career & Technical Education

Agriculture/Forestry/Horticulture



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 #020221 Plant and Land Science (1 credit) Grades 10-11

Plant and land science 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 #010241 Agriculture Construction Skills (2 credit maximum) Grades 11-12

Prepares students to construct and maintain agricultural structures and equipment. Develops basic skills such as: tool identification, interpreting plans, calculating a bill of materials, electrification, carpentry, welding, metal fabrication, plumbing and masonry. 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. This course may be extended to two credits offered on a two-hour basis provided that instruction is enhanced with laboratory experience, project construction, and in-depth skill development. ***Prerequisites: Principles of Agricultural Science and Technology.***

Course #030511 Forestry (1/2 credit) Grades 10 - 11

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. ***Prerequisite: Principles of Agricultural Science and Technology.***

Course #030611 Wildlife Resources (1/2 credit) Grades 10 – 11

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

Course #501641 Greenhouse Technology (2 credit maximum) Grades 11-12

Content includes: greenhouse structures: regulating the greenhouse environment, plant growth, development, propagation, production, and maintenance of bedding and container produced plants. Fundamental principles of vegetable crops may be included. Content may be enhanced by appropriate technology. Leadership development will be provided through FFA. Each student will be expected to

have an agriculture experience program. **Prerequisites: Principles of Agricultural Science and Technology**

Automotive Technology



Course #470556 Basic Automotive Electricity (1 credit) Grade 12 ADX 120/121

This course introduces the student to the principles, theories, and concepts of the automotive electrical system that include the unique diagramming, coding and locating of wiring, and component devices.

Prerequisite: Engine Repair

Course #470547 Climate Control (1 credit) Grades 10 – 12 ADX 170/171

This course introduces the theory and operation of heating and air conditioning systems. Air conditioning terminology and how to service and troubleshoot mechanical and electrical circuits of heating and air conditioning systems are emphasized. ADX 171 Climate Control Lab This course presents opportunities to troubleshoot, repair and perform maintenance on heating and air conditioning systems. Safety precautions, special tool uses, component operation, and how to service and troubleshoot the complete system will be experienced. **Prerequisites: Engine Repair**

Course #470507 - Automotive Maintenance & Light Repair Section and Lab Section A Grades 9-12

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.

Course #470509 - Automotive Maintenance & Light Repair and Lab Section B (1credit) Grades 9-12

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 to locate and use current reference and training materials from accepted industry publications and resources, and demonstrate the ability to write work orders.

Course #470511 - Automotive Maintenance & Light Repair and Lab Section C (1credit) Grades 9-12

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

SBDM Approved – 3/17/15

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 #470513 - Automotive Maintenance & Light Repair and Lab Section D (1credit) Grades 9-12

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.

Business and Marketing Education



Course #060112 Computer and Technology Applications(1 credit) Grades 9–12 CIS 100

This course is designed to provide students an advanced-level experience with practical applications through hands-on instruction. Course content will include understanding of various hardware, software, operating systems, care/operations, administrative applications, and employability skills. The software includes advanced business applications using word processing, presentation, spreadsheets, database management, desktop publishing, and electronic communication. Leadership development will be provided through FBLA. Upon completion of this course, a student will be ready to take the core level tests for MOS Certification and/or the Administrative Support Skill Standards Certificate. Leadership development will be provided through FBLA.

Course #080717 Advanced Marketing (1 credits) Grade 12 MKT 102

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. Prerequisites: Prince. Of Marketing, Retail Marketing, or Fin. Services I & II

Course #081411 Retail Marketing (1 credit) Grades 10-12 MKT 103

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.

Course #081121 Sports Marketing (1 credit) Grades 10-12 MKT 106

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

SBDM Approved – 3/17/15

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.

Course # 080716 Principles of Marketing (1 credit) Grades 9-10 MKT 100

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 #060751 Introduction to Multimedia (1 credit) Grades 11 – 12 VCM 100

This hands-on course applies publishing and presentation concepts through the development of sophisticated business documents and projects. These documents include, but are not limited to tri-fold brochures, manuscripts, reports, bi-fold programs, catalogs, newsletters, flyers, business forms, graphs, web pages, on-screen presentations, and video productions. Equipment such as scanners, digital cameras, video cameras, and color laser printers, may be utilized in creating documents. Formatting, editing, page layout, and design concepts are taught. Distribution ready publication standards are applied to all projects. Students will develop communication skills, problem-solving techniques, cooperative learning, and interpersonal skills.

Course #480101 - Digital Literacy (1 credit) Grades 9 – 12

Students will use a computer and application software including word processing, presentations, database, spreadsheets, internet, and email to prepare documents and reports.

Course #901010 Workplace Principles (1 credit) Grades 9 – 12

This course examines the changing workforce and the skills needed to adapt to the constantly changing demands and expectations. The course includes, but is not limited to, problem solving, teamwork, time management, and self-management skills. Job-seeking and job-retention skills are taught through the development of resumes and job search materials. Maximum benefit is received if this course is taken in the latter part of the student's course work.

Course #320106 Career and Technical Cooperative Education (2 credits) Grade 12 COE 299

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 fill out Cooperative Education application and permission to leave school waiver. (Will be distributed during registration of new school year). Application must be returned no later than first day of school.
3. Must have teacher recommendation from Career & Technical Program area teacher.
4. Shadowing/Volunteering is expectable with agreement to submission of weekly timesheets signed by Supervisor.
5. 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.”)

Individual programs may have additional criteria.

Construction: Residential/Commercial



Course #460201 Introduction to Construction (1 credit) Grades 9-10 CAR 126/127

This course emphasizes the types, grades, sizes and standards of building materials including the types of fasteners and their correct uses. Students will also learn to correctly utilize and maintain commonly used hand and power tools. Safety in the lab and on the job site is stressed.

Course #460214 Site Layout and Foundations (1 credit) Grades 10-12 CAR 140/141

Students will prepare materials; calculate the cost for a building site, and layout a site with a transit, locating property lines and corners. Students calculate the amount of concrete needed for footing and foundation walls and construct different types of foundations and forms. *Pre-requisite: Introduction to Construction*

Course #470302 Blueprint Reading for Construction (1/2 credit) Grades 10 -12 BRX 120

This course provides a series of lectures, demonstrations, and practice exercises in the study of symbols, views, sections, details, and material lists found on architectural working drawings, building materials and specifications lists, and construction dimensioning systems and charts/schedules.

Prerequisite: Must be taken in conjunction with Industrial Safety, Introduction to Construction

Course #460301 Industrial Safety (1/2 credit) Grades 10-12 ISX 100

It is understood that this course of study will include academic subject matter (i.e. math, English, science, social studies) that is pertinent to being a qualified workforce applicant. This course provides practical training in Industrial Safety. The students are taught to observe general safety rules and regulations, to apply work site and shop safety rules, and to apply OSHA regulations. Students are expected to obtain certification in first aid and cardiopulmonary resuscitation. *Prerequisites: Must be taken in conjunction with Blueprint Reading and Construction, Introduction to Construction*

Course #460212 Lightframe Construction I (1 credit) Grades 10-12 CAR 190/191

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. *Pre-requisite: Introduction to Construction*

Course #460225 Lightframe Construction II (1 credit) Grades 11-12 CAR 196/197

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. *Pre-requisite: Introduction to Construction*

Engineering



Course #210224 Principles of Engineering & Technology (1 credit) Grades 9-10

This course is an introductory course in engineering. Students will learn about the fundamental skills of engineers, history of engineering, and the major engineering disciplines.

Course #210221 Fundamental of Engineering Design I (1 credit) Grades 10-12

SBDM Approved – 3/17/15

This course is to introduce students to the engineering design process. Students will learn to utilize resources to meet design criteria, perform functions, and meet specific needs. **Prerequisite: Principles of Engineering & Technology. Mathematics Benchmark: At least a 17 in Mathematics on the PLAN test.**

Course #210222 Fundamental of Engineering Design II (1 credit) Grades10-12

This course is an expansion the engineering design process. Students will build on the design process through the use of advanced software and emerging technologies. **Prerequisite: Principles of Engineering & Technology, Fundamentals of Engineering Design I. Mathematics Benchmark: At least a 17 in Mathematics on the PLAN test.**

Course #210232 Electricity and Electronics Fundamentals (1 credit) Grades10-12

This course is to introduce students to electronics and electrical components. Students will explore electrical theory and operation of electrical circuits, electrical motors and controls, as well as design of electrical systems. **Prerequisite: Principles of Engineering & Technology. Mathematics Benchmark: At least a 17 in Mathematics on the PLAN test.**

Course #480110 Computer Aided Drafting (CAD) (1 credit) Grades 11-12

This combined lecture and lab course is designed to introduce the student to the terminology, capabilities, and various applications of interactive computer graphics. It involves hands-on use with a graphic design workstation and the application of the fundamentals of computer assisted drafting. This course emphasizes skill development of basic computer drafting commands, techniques exploration, and command utilization. **Prerequisite: Principles of Engineering & Technology. Mathematics Benchmark: At least a 17 in Mathematics on the PLAN test.**

Course # 304821 Engineering 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: Algebra I, Algebra II, and geometry or ACT score of 19 or better.**

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.

Course#170141 Emergency Procedures (1/2 credit) Grade 9-10 CPR 100 & SFA 100

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.

Course#170167 Body Structures and Functions (1 credit) Grade10-12 AHS 109

This one-credit course uses health occupations as a vehicle to present the life science content outlined in the Program of Studies. 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 of medical science, students will gain an understanding of the normal structure and function of the human body through scientific inquiry. Life science conceptual understandings, applications, and connections make this science relevant to students. Anatomy, physiology, physics, and chemistry concepts are reinforced with real-life analogies and health-related examples are used to illustrate potentially difficult scientific concepts. ***Prerequisite: Emergency Procedures and Medical Terminology***

Course #170131 Medical Terminology (1/2 credit) Grades 9-10 AHS 120

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.

Course #170111 Principles of Health Science (1 credit) Grades 11-12 HEA 102 & WPP 102

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 ***Prerequisite: Emergency Procedures and Medical Terminology***

Course # 170591 Special Topics in Health Science (1 Credit) Grade 12 HEA 189

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. ***Prerequisite: Students should complete Emergency Procedures/ Medical Terminology, Medical Science, and Principles of Health Science prior to enrolling in this course. Students may take Medicaid Nurse Aide class concurrently with this course as a senior.***

Course #170615 Medicaid Nurse Aide (1 credit) Grade 12 MNA 100

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 skill. ***Prerequisite: Students must have completed Emergency Procedures/ Medical Terminology, Medical Science, and Principles of Health Science prior to enrolling in this course. Students may take Special Topics in Health Science concurrently with this course as a senior.***

Fees and Requirements:

- TB skin test (not older than 6 months-By Christmas Break
- 2nd hand watch (must have by October 1st)
- Navy scrub top and bottom (must have by March 1st)
- Leather tennis shoe (must have by March 1st)
- \$75.00 class lab fee. Must be paid **before the start of the new school year**

*** A MINIMUM TEST AVERAGE OF 70% from students 1st, 2nd and 3rd nine weeks IS REQUIRED FOR STUDENT TO BE ELIGIBLE TO TAKE THE KNAT (Kentucky Nurse Aide Test)**

SBDM Approved – 3/17/15

CLASS ATTENDANCE POLICY: OBRA guidelines require nurse aide test candidates to have completed a minimum of 75 hours of instruction (59 theory hours and 16 clinical hours) before taking the state certification exam: KNAT. 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 15 or more 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

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

A=10 points

B=5 points

C=2 points

Long term Care Setting

10 bonus points for proof of long term care setting volunteer work/ shadowing or work history hours by the facility's DON (director of Nursing).

Work Keys-ACT

Students who have met bench mark on above test are given 10 Points

GPA

3.5 or above- 10 points

3.39 or above- 5 Points

3.0 or below – 0 points

Attendance

0 unexcused Absences-10 points

2 unexcused Absences- 5 points

3 unexcused Absences- 0 points

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

Travel & Tourism



Course #080910 Introduction to Hospitality (1 credit) Grades 9-10

This course is designed for students interested in marketing careers in the hospitality industry. The instruction includes career awareness in the areas of recreation, travel/tourism, hotel/motel, and restaurant. This course is based on the business and marketing core that includes communication skills, economics, operations, promotion, selling, and product/service management.

Course #080911 Travel and Tourism Marketing (1 credit) Grades 10-12

The Travel and Tourism Marketing course provides an overview of employment opportunities in the travel and tourism industry. Industry segments that are examined include lodging, food and beverage, transportation services, attractions and events marketing, destination marketing, and travel intermediary. The course is designed to acquaint students with these industry segments and to stress the role of

SBDM Approved – 3/17/15

customer service in all segments of travel and tourism. **Prerequisite: Principles of Marketing or Introduction to Hospitality**

Course #081511 Advertising & Promotion (1 credit) Grades 10-12

This course is designed to provide students with a realistic "hands-on" applications of techniques used in the advertising and promotion of goods and services. Students use typical media software, media equipment, while being exposed to all forms of media (print, web page, etc.), methods, budgets, and evaluations used by industry. Leadership development will be provided through DECA

Course #081512 Promotional Applications & Media (1 credit) Grades 10-12

This course is designed to provide students with hands-on applications, of running a school based industry simulated experience. Students will apply basic fundamentals of advertising using digital and print media. This course is based on the business and marketing core that includes communication skills, economics, financial analysis, product/service mgt and promotion.

English /Language Arts



Course #N230107 English I (1 credit) Grade 9

In this course students will implement reading strategies to comprehend fiction and nonfiction passages, including classics such as Shakespeare. Students produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience including daily grammar, On-Demand pieces monthly, and create writing pieces for publication and their cumulative writing portfolio.

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

In this course students implement reading strategies to comprehend fiction and nonfiction passages, including classics such as Shakespeare. Students develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on addressing what is most significant for a specific purpose and audience. Students will communicate through On-Demand, writing for publication, and writing for their cumulative writing portfolio. Enrichment and rigor will prepare students for future Advanced English courses. ***Students will be placed in this course based on Explore, PLAN, etc.***

Course #C231211 Reading Intervention (1 credit) Grade 9-11

This course offers students specific instruction based on prior performance in reading as evidenced by K-PREP/KPAS scores, exams and/or course grades. This course will help students reading on grade level to build critical reading, writing, and thinking skills with engaging reader-response lessons packed with quality fiction, non-fiction, and poetry selections. The program also provides vocabulary support, assessment, and differentiated instruction strategies to meet the needs of all students. For students below grade level reading ability, a Direct Instruction reading intervention program will deliver tightly sequenced, carefully planned lessons that will give struggling students the structure and practice necessary to become skilled, fluent readers and better learners. ***This is a required course for any identified student.***

Course #N230110 English II (1 credit) Grade 10

In this course students will implement reading strategies to comprehend fiction and nonfiction passages. Students produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience including daily grammar, On-Demand pieces monthly, and create writing pieces for publication and their cumulative writing portfolio.

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

In this course students implement reading strategies to comprehend fiction and nonfiction passages. Students develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on addressing what is most significant for a specific purpose and audience. Students will communicate through On-Demand, writing for publication, and writing for their cumulative writing portfolio. Enrichment and rigor will prepare students for future Advanced English courses.

Students will be placed in this course based on Explore, PLAN, etc.

Course #N230113 English III (1 credit) Grade 11

In this course students will implement reading strategies to comprehend fiction and nonfiction passages, including American Literature. Students produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience including daily grammar, On-Demand pieces monthly, and create writing pieces for publication and their cumulative writing portfolio.

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

In this course students implement reading strategies to comprehend fiction and nonfiction passages, including American Literature. Students develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on addressing what is most significant for a specific purpose and audience. Students will communicate through On-Demand, writing for publication, and writing for their cumulative writing portfolio. Enrichment and rigor will prepare students for future Advanced English courses.

Students will be placed in this course based on Explore, PLAN, etc.

Course #230116 English IV (1 credit) Grade 12

This course offers continued refinement of pupils' abilities in language arts skills. Content includes appropriate experiences in oral and written composition and the historical, cultural, and aesthetic significance of English and/or world literature. Continuing to write for a variety of purposes (e.g. to express thought and feeling, to persuade) and audiences (e.g., self and others), students attain confidence in handling the stages of the writing process. Special attention to writing about literature is given in the pre-college curriculum. Language and mechanics concerns are dealt with in context of student writing. Completion of the writing portfolio at or above the Apprentice level is required for graduation. ***This is a required course for all Seniors. Prerequisite: English I, II, and III.***

Course #230167 AP English III (1 credit) Grade 11

Advanced Placement students go beyond understanding and application exercises to in-depth analysis. The lessons in the first part of this course provide activities and materials designed to enable students to analyze significant literary works in each of the five genres: short story, poetry, nonfiction, drama, and novel. These genres challenge student's logic, creativity, insight, and technical skills occurring in questions on the AP national exam. This course is designed so students will read, analyze and learn how to write effective argumentative essays. Although there will be some review of grammar, usage and mechanics, students will be expected to rely primarily on the grammar handbook; furthermore, those students who know they have difficulties in these areas should enroll in English III. ***Prerequisite: Students must have a minimum of 22 on both the English and Reading portions of the ACT to demonstrate college readiness standards.***

Course 230116EKU English IV-Composition (1 credit) Grade 12

These courses are tentatively offered through the EKU NOW! Dual Credit Program (see page 31).

ENG 101 Reading, Writing and Rhetoric. (3) I, II.

A writing course developing critical reading skills while integrating and responding to varied sources; composing texts including summaries, analyses, evaluations, responses, and arguments; emphasizing style, organization, coherence, purpose, and persuasion for different audiences; General Education Element 1A; General Education Block IA [WC].

ENG 102 Research, Writing and Rhetoric. (3) I, II.

Prerequisite: ENG 101 (or equivalent). A writing course refining components of ENG 101 studying information sources and research methods; accessing, critically reading, evaluating, integrating, and

SBDM Approved – 3/17/15

documenting primary and secondary sources; utilizing information technology for inquiry, analysis, and argumentation. General Education Element 1B; General Education Block IB [WC].

Course #230140 Literature and Film (1 credit) Grades 11-12 ELECTIVE

Stories are an essential part of every human culture; they help us to make meaning and to understand ourselves, each other, and our place in the world. The means by which these stories are told – whether they are written, spoken, or acted on stage or screen – influences the way we approach and interpret them. This course explores the complex interplay between film and literature. Selected novels, short stories and plays are analyzed in relation to film versions of the same works in order to gain an understanding of the possibilities—and problems—involved in the transposition to film. *Students are cautioned that this course requires extensive reading and writing in addition to viewing films and taking part in class discussions..* ***Prerequisite: Students must have met benchmark scores in reading on the PLAN test (17 for juniors) or the ACT (20 for seniors) to demonstrate the college readiness standards necessary for this course work.***

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 or Chinese Mandarin 1 and 2 should be taken without interruption before courses are completed. Students who have a high interest in technical employment such as nursing, tourism, paralegal, equine industry, law enforcement, foreign markets, agriculture, and diplomacy should take Spanish 1 and 2 or Chinese Mandarin 1 and 2.

Course #160303 Chinese Mandarin 1 (1 credit) Grades 10-12 and approved 9th graders

This course prepares students to: perform interpersonal, interpretive and presentational communicative tasks within the novice range on the ACTFL Proficiency scale; interpret, exchange, and present, information, concepts and ideas both within the classroom and beyond on a variety of topics including connections to other subject areas; and understand the relationship among the products, practices and perspectives of Chinese and other cultures. In addition, students develop insight into their own language and culture. ***Prerequisite: Students must have an overall GPA of 3.0 or higher.***

Course #161108 Spanish I (1 credit) Grades 10-12 and approved 9th graders

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 3.0 or higher.***

Course #161109 Spanish II (1 credit) Grades 10-12

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***

Course #161130 AP Spanish III (1 credit) Grades 11-12

This course is designed to provide students with a proficient 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 where language is the transmitter of meaningful messages.

Prerequisite: Minimum of B average in Spanish II.

SBDM Approved – 3/17/15

Course #161130UC Spanish III (1 credit) Grades 11-12

This course is designed to provide students with a proficient 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 where language is the transmitter of meaningful messages.

This class will also be tentatively offered through the University of the Cumberland's Dual Credit Program (see page 31). Prerequisite: Minimum of B average in Spanish II.

Course #161130B Advanced Placement (AP) Spanish IV (1 credit) Grade 12

Course is given in Spanish and equivalent to 201 Foreign Language College Course. This course is designed to provide students with a proficient knowledge of the Spanish language with an emphasis on these four skills: reading, listening, speaking, and writing. Students will be prepared to take the AP exam. The classroom is a special cultural setting of communication where language is the transmitter of meaningful messages. Students planning to apply for the AP exam in Spanish should continue without interruption for four (4) courses which include level I, II, III, & IV. **Prerequisite: Minimum of B average in Spanish III.**

JROTC



Course #580240 Junior ROTC LET I (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.



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 #580241 Junior ROTC LET II (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 III (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

SBDM Approved – 3/17/15

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 IV (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 # 580243LD Leadership JROTC (1 credit) Grade 12

This course is the 12th grade level of JROTC. All JROTC components are addressed with an additional leadership lab. (See #2909 Course description.) 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 and increasing proficiency on college entrance exams.

Prerequisite: a minimum of 1 JROTC credit.

Mathematics



Course #270301 Pre-Algebra (1 credit) Grade 9

This course is designed to reinforce fundamental pre-algebra concepts necessary for success in Algebra I. Topics include integer operations; fraction operations; decimal operations; comparing and converting; estimating and rounding; evaluating exponents; ratios and proportions; simplifying expressions; coordinate graphing; linear functions and extending patterns; simple equations; geometry; interpreting data; and simple probability. This course will be used as a math elective. ***Students will be placed in this course based on Explore, PLAN, etc.***

Course #N270304 Algebra I (1 credit) Grade 9-10

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 Explore, PLAN, etc. An Algebra I course is required of all 9th graders.***

Course #A270304 Advanced Algebra I (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 Explore, PLAN, etc. An Algebra I course is required of all 9th graders.***

Course #2703041 Math Intervention (1 credit) Grades 9-12

This course offers students specific instruction based on placement from Explore, PLAN, Teacher Recommendation, ETC. This skill based course targets highlighted topics essential for math success and is required placement for any student demonstrating academic needs in math. This course is geared toward a more fundamental approach to Algebra and Geometry. The goal of this course is to allow students to approach algebraic skills at a steadier pace focusing on the basis of Algebra. This course will provide remediation and preparation for concepts students may struggle as the work through the Algebra I course. ***This is a required course for any identified student.***

Course #N270401 Geometry (1 credit) Grades 9-11

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 tool 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. ***Students will be placed in this course based on PLAN, teacher recommendation, etc.*** Prerequisite: An Algebra I Course

Course #A270401 Advanced Geometry (1 credit) Grades 9-11

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 PLAN, teacher recommendation, etc.*** Prerequisite: An Algebra I Course

Course #N270311 Algebra II (1 credit) Grades 10-12

This course continues the core content for high school mathematics as well as lays 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. ***Students will be placed in this course based on PLAN, teacher recommendation, etc.*** Prerequisites: An Algebra I course and a Geometry course

Course #A270311 Advanced Algebra II (1 credit) Grades 10-12

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 PLAN, teacher recommendation, etc.*** Prerequisites: An Algebra I and Geometry course

Course #270718 College & Career Readiness Mathematics (1credit) Grade 12

This course is designed for seniors who plan to go to college, technical school, or into the workforce who are in need of additional preparation in order to be successful in credit-bearing College Algebra. The goal is for students to be able to transition to college/post secondary without having to take remedial math classes. This is a required course for any identified student. As part of NCLB Legislation, students are identified and placed for successful post secondary transition. Placement in the course will be based on ACT scores.

Course #270502 Precalculus (1 credit) Grades 10- 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 is 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 skill. ***Pre-requisites: Algebra I, Geometry, Algebra 2***

Course #270320EKU College Algebra (1 credit) Grades 11- 12

This course will tentatively be offered through the EKU NOW! Dual Credit Program (see page 31). 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 is included. Conic sections will also be studied. Trigonometric basics, graphing, and data curve fitting of sinusoidal functions are introduced. This course emphasizes

SBDM Approved – 3/17/15

meaningful connections among the branches of mathematics and provides practice and improvement of previously acquired skill. **Pre-requisites: Algebra I, Geometry, Algebra 2, and an ACT Math Score of 22**

Course #270513 Advanced Placement (AP) Calculus (1 credit) Grade 12

This Advanced Placement course consists of a full high school academic year of work in calculus that is equivalent to a college course. It follows the curriculum established by the College Board, which includes limits, derivatives, and integrals. Graphing calculators and computers are integrated throughout the course. Students successfully completing this course are prepared to take the Advanced Placement Exam in Calculus AB for which they may earn college hours and receive weighted credit. **Prerequisite: Precalculus, math GPA of 3.0, and math benchmark (22) on the ACT.**

Course #7099MA1EKU Calculus I (1 credit) Grade 11-12

This course will tentatively be offered through the ECU NOW! Dual Credit Program. 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 PreCalculus or ACT math score of 25 or (see page 31)**

Course #7099MA2 UC Calculus II (1 credit) Grade 12

This course will tentatively be offered through the University of the Carolinas Dual Credit Program. This course is a continuation of Calculus I. Topics include transcendental functions, areas, volumes, inverse functions, techniques of integration, conic sections, polar coordinates, indeterminate forms, and improper integrals. **Prerequisites: ECU Calculus I (see page 31)**

Physical Education



All students need to 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 will complete an alternate assignment rather than be physically active.

Course # 340216 Physical Education (1/2 credit) Grades 9-10

In this course students will be able to identify, describe, and perform basic movement patterns. Students will experience the benefits of physical fitness in several different areas of health (mentally, emotionally, socially, and physically). Students will also have a basic understanding of the history, equipment, terminology, and rules of a variety of individual and team sports. **This is a required course for graduation.**

Course #340133 Health (1/2 credit) Grades 9-10

This course stresses the importance of each of the six Health components (Physical, Emotional, Social, Mental, Spiritual, Environmental) and applies them in several different areas of health. Topics include but are not limited to: Decision Making, Life Skills, Goal Setting, Nutrition, Drugs, Alcohol, Tobacco, Reducing the Risk of Sexually Transmitted Diseases and unwanted pregnancies, etc. **This is a required course for graduation.**

Course #340271 Advanced Physical Fitness (1 credit) Grades 10-12

This course covers current, fundamental topics in health-related physical fitness while encouraging students to develop an individual level of physical fitness. This course stresses the significance of lifestyle to one's health and fitness and helps students develop a personal fitness program, which leads them to healthy lifestyle choices. **Pre-requisites: Physical Education and Health.**

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

SBDM Approved – 3/17/15

This course emphasizes improvement in flexibility, strength, and endurance. Weight training fundamentals are included with safety highlighted throughout the course. Periodic assessments are made so students can see progress. **Pre-requisites: Physical Education and Health.**

Science



Course #N304898 Earth Science(1 credit) Grade 9

Earth Space Science is the freshmen level requirement in the science program at McCreary Central High School. Via the National Science Standards Unifying concepts and Processes, the Kentucky Core content for Assessment, and the Program of Studies, students will explore concepts within the areas of physical, earth and space science. Students will acquire information by experiencing a variety of learning strategies that address diverse learning styles inclusive of course lab experiments, projects, writing-to-learn activities, and technology-based research. ***This is a required course for all Freshmen.***

Course #A304898 Advanced Earth Science (1 credit) Grade 9

This course addresses the same content as Earth/Space/Physical 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 EXPLORE/PLAN tests.***

Course #N302601 Biology I (1 credit) Grade 10-11

Biology I is the required sophomore level course at McCreary Central High School. Integrated Science is a prerequisite for this class. Through the National Science Standards Unifying concepts and Processes, the Kentucky Core Content for Assessment, and the Program of Studies, 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 Science. This is a required course for all Sophomores and/or Juniors based upon their individual course sequence.***

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

This course addresses the same content as Biology I but at an accelerated pace. Students will be placed in this course based on EXPLORE/PLAN tests, teacher recommendations, etc. ***Prerequisite: Earth Science. Students will be placed in this course based on EXPLORE/PLAN tests.***

Course #302603 Honors Biology I (1 credit) Grade 9

This course addresses the same content as courses #2517 but at an accelerated pace. ***Students will be placed in this course based on EXPLORE/PLAN tests. Prerequisite: Earth Science.***

Course # 302614 Ecology (1 credit) Grade 10

This course addresses biotic and abiotic factors, energy flow, mineral cycles, ecosystems, and biomes. ***Students will be placed in this course based on EXPLORE/PLAN tests. Prerequisite: Earth Science.***

Course #N304521 Chemistry I (I credit) Grade 11

Chemistry I is a required course for graduation. Chemistry is a junior level course and provide 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 Science, Biology I, Algebra I. This is a required course for all Juniors.***

Course #A304521 Advanced Chemistry I (1 credit) Grade 10-11

This course addresses the same content as Chemistry I but at an accelerated pace. Students will be placed in this course based on teacher recommendation, test scores, or by being identified as Gifted & Talented in science. Students will be placed in this course based on EXPLORE/PLAN tests, teacher recommendations, etc. **Prerequisite: Earth Science, Biology I. Students will be placed in this course based on EXPLORE/PLAN tests.**

Course # 304821 Honors 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: Algebra I and II, and geometry or ACT score of 19 or better.**

Course # 302602 Honors Biology II (1 credit) Grades 11-12

Biology II is a junior – senior elective at McCreary Central High School. Emphasis will be placed on content addressing ecology and in the interactions of life. Students will discover the expression techniques of nucleic acids and its bases for change. Included in the scope of this course are DNA technology, modern classification, evolutionary relationships and population dynamics. **Prerequisites: Earth Science, Biology I, Chemistry I.**

Course # 302646 Advanced Placement (AP) Biology (1 credit) Grades 11-12

Advanced placement Biology is a junior – senior elective at McCreary Central High School. The Advanced Placement Biology class provides in-depth studies, laboratory investigations, individual projects and outside readings for students who have a sincere interest in biology. The concepts presented involve three broad areas: molecular and cellular biology, organismal biology, and populational biology. The course is designed to cover items on the AP Biology test given in the spring. **Prerequisites: Earth Science, Biology I, Chemistry I.**

Course # 304522UC College Chemistry (1 credit) Grades 11-12

This course is tentatively being offered by the University of the Cumberland's Dual Credit Program (see Page 31). Chemistry II is an elective for juniors and seniors graders. This course includes all concepts of Chemistry I and the first semester of college chemistry. Students will study chemical reactions, behavior of gases, ionic bonds, covalent bonds, oxidation-reduction, as well as other topics that will prepare the student for college chemistry. Students will perform a variety of lab experiments, both hands on and virtual reality. **Prerequisites: Chemistry I, ACT Math score of 23**

Course # 302616 Introduction to Forensic Science/Criminalistics (1 credit) Grades 10-12

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 analyses 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**

Course # 200181 Nutrition and Food Science (1 credit) Grades 9-12

Students will learn about eating patterns; nutrition science; consumer aspects; world hunger; fitness, foods; application of scientific principles. This course includes the basic principles of nutrition, sources and functions of the nutrients in all stages of the life cycle, nutrition as a world problem, and consumer problems related to food. The course will emphasize topics such as weight loss, sports nutrition, food safety, the diet-disease relationship, global nutrition and analysis of special nutritional requirements and needs during the life cycle, among others. An evaluation of personal dietary habits using current dietary

SBDM Approved – 3/17/15

guidelines and nutritional assessment methods will also be completed to help students assess their own nutritional health.

Course #302631 Anatomy and Physiology (1 credit) Grades 9-12

Students will learn about plant structure, animal structure, tissues, organs, and systems.

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 examines significant eras of United States history (from Colonialism to current events) to develop chronological understanding and recognize cause and affect relationships, to examine impact of individuals and stages in society. ***This is a required course for all Juniors.***

Course #450812EKU College US History (1 credit) Grade 11-12

This class will be tentatively offered through the ECU NOW! Dual Credit Program (see page 31). United States History examines significant eras of United States history (from Colonialism to current events) to develop chronological understanding and recognize cause and affect relationships, to examine impact of individuals and stages in society. ***Prerequisite: Successful completion of grade 9 and 10 social studies requirements.***

Course #450814 Advanced Placement (AP) US History (1 credit) Grade 11

Students will be provided the analytical skills and factual knowledge necessary to critically address the problems and materials in United States history. This course prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made at the collegiate level. This course satisfies the graduation requirement for US History. ***Prerequisite: Geography/Government and World Civilization.***

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

Sociology is the study of the way human beings interacts in society. The course will make the student more aware of the major classical and contemporary theoretical perspectives. The course will stress the topics such as cultural differences, stratification, marriage and family, social inequality and social problems. ***Prerequisite: Juniors having completed Geo/Gov and World Civilization.***

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 interdependence in the criminal justice system. It is an elective course for Juniors/Seniors for one social studies credit.

SBDM Approved – 3/17/15

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.

Course # 451029 Political Science (1 credit) Grade 12

This course will concentrate on student responsibility as citizens as they transition into the world of American citizenship from high school. This course focuses on local, state, and national governments. Community service and civic responsibility are also emphasized.

Course #459902 AP Psychology (1 credit) Grades 11 – 12

The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice. ***Prerequisite: Students who are willing to accept the challenge of a rigorous academic curriculum should be considered for admission to AP courses.***

AP Program

The College Board administers the Advanced Placement program. These are college-level classes taught in high schools. If a student passes an end-of-course exam, he may earn college credits. Advanced Placement, or AP, classes provide high school students with a rigorous set of courses that can help them prepare for college. AP exams are scored on a scale of one to five. Colleges set their own policies regarding class credit for AP exam scores. The following are AP Courses offered at the high school: AP Spanish, AP Calculus, AP Language and Composition, AP Biology, AP Psychology, and AP Studio Art. Course offerings depend upon student enrollment in the courses.

Dual Enrollment Program

Course #7099 Dual Enrollment (must be requested for EACH dual enrollment course)

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 Credit Program

EKU NOW! Dual Credit Program will be taught at McCreary Central for Juniors and Seniors. Students in the program will receive high school credit for the courses and college credit from ECU. Students must be admitted by ECU to the ECU NOW! Program. ECU has the following requirements: GPA-3.0, ACT composite-21, ACT English-18, ACT Math-19, and ACT Reading-20. Some courses require higher subscores. Students may not take more than 2 dual credit course per semester. The following is a tentative list of courses.

<u>MCHS Course</u>	<u>EKU NOW! Course</u>
English IV	ENG 101 & ENG 102
US History	HIS 202 & HIS 203
PreCalculus/Adv Topics	MAT 107-College Algebra & MAT 109-PreCalculus
Calculus I(ACT Math-25)	MAT 124-Calculus I
Calculus II	MAT 224-Calculus II

University of the Cumberlands Dual Credit Program will be taught at McCreary Central for Juniors and Seniors. Students in the program will receive high school credit for the courses and college credit from the University of the Cumberlands. To enroll in these courses the following requirements must be met: GPA-3.0, ACT composite-21, ACT English-18, ACT Math-19, and ACT Reading-20. Some courses require higher subscores. Students may not take more than 2 dual credit courses per semester. The following is a tentative list of courses.

<u>MCHS Course</u>	<u>University of the Cumberlands</u>
Chemistry II	CHEM 132- General Chemistry I

*Please see the guidance office for more information on this program.

Grades from dual credit courses will be weighted the same as AP courses.

Distance Learning

Distance learning is a computer-based non-credit program 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.**



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, KY Performance Rating for Educational Progress (K-PREP) Academic Indices, and Quality Core End-of-Course assessments. The formula for calculating the Honor Score is:

GPA will count 50% Student GPA divided by the maximum, multiplied by 100.

$$\frac{\text{Student GPA}}{\text{Max GPA (4.21)}} \times 100 = \text{GPA Component}$$

ACT will count 25% Student ACT high composite Score will be divided by the maximum (36), multiplied by 100.

$$\frac{\text{Student ACT}}{36} \times 100 = \text{ACT Component}$$

Quality Core EOCs will count 15% The sum of the student EOC scores (Biology, English II, US History, Algebra II) will be divided by the maximum possible on each test and then multiplied by 100.

$$\frac{\text{Bio EOC} + \text{Eng II EOC} + \text{US His EOC} + \text{Alg 2 EOC}}{175 \times \text{number of EOCs taken}} \times 100 = \text{EOC Component}$$

K-PREP will count 10% The sum of the students 2 scores on the on demand writing divided by the total possible, multiplied by 100.

$$\frac{\text{Sum of On – Demand Writing Scores}}{\text{Total Possible}} \times 100 = \text{K – PREP Component}$$

Final Calculation:

$$\text{GPA Component} \times 0.50 + \text{ACT Component} \times 0.25 + \text{EOC Component} \times 0.15 + \text{KPREP Component} \times 0.10 = \text{Total Score}$$

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 Advanced Placement 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.

NCAA ELIGIBILITY CENTER QUICK REFERENCE GUIDE



NCAA Division I Initial-Eligibility Requirements

Core Courses: (16)

- **Initial full-time collegiate enrollment *before* August 1, 2016:**
 - **Sixteen (16) core courses** are required (see chart below for subject-area requirements).
- **Initial full-time collegiate enrollment *on or after* August 1, 2016:**
 - **Sixteen (16) core courses** are required (see chart below for subject-area requirements).
 - Ten (10) core courses completed before the seventh semester; seven (7) of the 10 must be in English, math or natural/physical science.
 - These courses/grades are "locked in" at start of the seventh semester (cannot be repeated for grade-point average [GPA] improvement to meet initial-eligibility requirements for competition).
 - *Students who do not meet core-course progression requirements may still be eligible to receive athletics aid and practice in the initial year of enrollment by meeting academic redshirt requirements (see below).*

Test Scores: (ACT/SAT)

- Students must present a corresponding test score and core-course GPA on the sliding scale (see Page No. 2).
 - **SAT:** critical reading and math sections.
 - Best subscore from each section is used to determine the SAT combined score for initial eligibility.
 - **ACT:** English, math, reading and science sections.
 - Best subscore from each section is used to determine the ACT sum score for initial eligibility.
- All ACT and SAT attempts *before* initial full-time collegiate enrollment may be used for initial eligibility.
- **Enter 9999 during ACT or SAT registration to ensure the testing agency reports your score directly to the NCAA Eligibility Center. Test scores on transcripts will not be used.**

Core Grade-Point Average:

- Only core courses that appear on the high school's List of NCAA Courses on the NCAA Eligibility Center's website (www.eligibilitycenter.org) will be used to calculate your core-course GPA. Use this list as a guide.
- **Initial full-time collegiate enrollment *before* August 1, 2016:**
 - Students must present a corresponding test score (ACT sum score or SAT combined score) and core-course GPA (minimum 2.000) on Sliding Scale A (see Page No. 2).
 - Core-course GPA is calculated using the **best 16 core courses** that meet subject-area requirements.
- **Initial full-time collegiate enrollment *on or after* August 1, 2016:**
 - Students must present a corresponding test score (ACT sum score or SAT combined score) and core-course GPA (minimum 2.300) on Sliding Scale B (see Page No. 2).
 - Core-course GPA is calculated using the **best 16 core courses** that meet both progression (10 before seventh semester; seven in English, math or science; "locked in") and subject-area requirements.

DIVISION I Core-Course Requirement (16)	
4	years of English
3	years of math (Algebra I or higher)
2	years of natural/physical science (1 year of lab if offered)
1	year of additional English, math or natural/physical science
2	years of social science
4	years of additional courses (any area above, foreign language or comparative religion/philosophy)

DIVISION I – 2016 Qualifier Requirements	
<i>*Athletics aid, practice, and competition</i>	
<ul style="list-style-type: none"> • 16 core courses <ul style="list-style-type: none"> ○ Ten (10) core courses completed before the start of seventh semester. Seven (7) of the 10 must be in English, math or natural/physical science. <ul style="list-style-type: none"> ▪ "Locked in" for core-course GPA calculation. • Corresponding test score (ACT sum score or SAT combined score) and core-course GPA (minimum 2.300) on Sliding Scale B (see Page No. 2). • Graduate from high school. 	

DIVISION I – 2016 Academic Redshirt Requirements	
<i>*Athletics aid and practice (no competition)</i>	
<ul style="list-style-type: none"> • 16 core courses <ul style="list-style-type: none"> ○ No grades/credits "locked in" (repeated courses after the seventh semester begins may be used for initial eligibility). • Corresponding test score (ACT sum score or SAT combined score) and core-course GPA (minimum 2.000) on Sliding Scale B (see Page No. 2). • Graduate from high school. 	

NCAA ELIGIBILITY CENTER QUICK REFERENCE GUIDE



Division II Initial-Eligibility Requirements

Core Courses

- **Division II currently requires 16 core courses.** See the chart below.
- **Beginning August 1, 2018**, to become a full or partial qualifier for Division II, all college-bound student-athletes must complete the 16 core-course requirement.

Test Scores

- **Division II** currently requires a minimum SAT score of 820 or an ACT sum score of 68. **Beginning August 1, 2018**, Division II will use a sliding scale to match test scores and core-course grade-point averages (GPA). The sliding scale for those requirements is shown on Page No. 2 of this sheet.
- The SAT score used for NCAA purposes includes **only** the critical reading and math sections. The writing section of the SAT is not used.
- The ACT score used for NCAA purposes is a **sum** of the following four sections: English, mathematics, reading and science.
- **When you register for the SAT or ACT, use the NCAA Eligibility Center code of 9999 to ensure all SAT and ACT scores are reported directly to the NCAA Eligibility Center from the testing agency. Test scores that appear on transcripts will not be used.**

Grade-Point Average

- Be sure to look at your high school's List of NCAA Courses on the NCAA Eligibility Center's website (www.eligibilitycenter.org). Only courses that appear on your school's approved List of NCAA Courses will be used in the calculation of the core GPA. Use the list as a guide.
- The current **Division II** core GPA requirement is a minimum of 2.000. **Division II** core GPA required to be eligible for competition on or after August 1, 2018, is 2.200 (corresponding test-score requirements are listed on the Sliding Scale on Page No. 2 of this sheet).
- The minimum **Division II** core GPA required to receive athletics aid and practice as a partial qualifier on or after August 1, 2018, is 2.000 (corresponding test-score requirements are listed on the Sliding Scale on Page No. 2 of this sheet).
- Remember, the NCAA core GPA is calculated using NCAA core courses only.

DIVISION II 16 Core Courses	
3	years of English.
2	years of mathematics (Algebra I or higher).
2	years of natural/physical science (1 year of lab if offered by high school).
3	years of additional English, mathematics or natural/physical science.
2	years of social science.
4	years of additional courses (from any area above, foreign language or comparative religion/philosophy).

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 or be accepted as a regular student in good standing as defined by the enrolling institution and
- Meet **two of the three** following requirements. If as an entering freshman you do not meet at least two of the three standards, you cannot participate in athletics for the first full year of attendance (2 semesters, 3 quarters, or equivalent).

MUST MEET TWO OF THE THREE

1. TEST SCORE REQUIREMENT	2. HIGH SCHOOL GPA REQUIREMENT	3. CLASS RANK REQUIREMENT
Achieve a minimum of 18 on the ACT or 860 on the SAT.	Achieve a minimum overall high school grade point average of 2.0 on a 4.0 scale.	Graduate in the top half of your high school class.

Tests must be taken on a state, national or international testing date; scores must be achieved on a single test. The SAT must be achieved on the Critical Reading and Math sections only. The Writing score cannot be used. You must pass the standardized test prior to the term in which you want to participate in athletics.

When registering for the tests, students should indicate the NAIA code "9876" to have their scores sent directly to the NAIA Eligibility Center.

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.

If a student's class rank does not appear on the transcript, a signed letter from the principal or headmaster, 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.

Learning disabilities. Students with diagnosed learning disabilities, who do not meet the freshman eligibility requirements, may have their academic profiles reviewed by the NAIA National Eligibility Committee at the request of an NAIA institution.

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
Achieve a minimum of 18 on the ACT or 860 on the SAT.	GED students are recognized as having met the GPA requirement.	(Not applicable)

Home Schooled Students

TEST SCORE REQUIREMENT
— Home school students who have a 20 on the ACT or 950 on the SAT are considered to have met the freshman eligibility requirement.
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.

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
Achieve a minimum of 18 on the ACT or 860 on the SAT.	Achieve a minimum overall high school grade point average of 2.0 on a 4.0 scale.	Graduate in the top half of your high school class.
International students must provide their academic records in both the language of issue as well as a certified, word-for-word English translation. See the NAIA Eligibility Center requirements for more on submitting international academic records.		

Note: For detailed information about the process for international students, please see the [NAIA Guide for the International Student-Athlete](#).