Introduction to Academic & Career Planning

The purpose of this Academic and Career Planning Guide is to help you and your parents make decisions related to the selection of your career path, and then make subsequent decisions and select courses that support that career path. It contains a variety of information to utilize as you contemplate your future and develop plans to help you reach your goals.

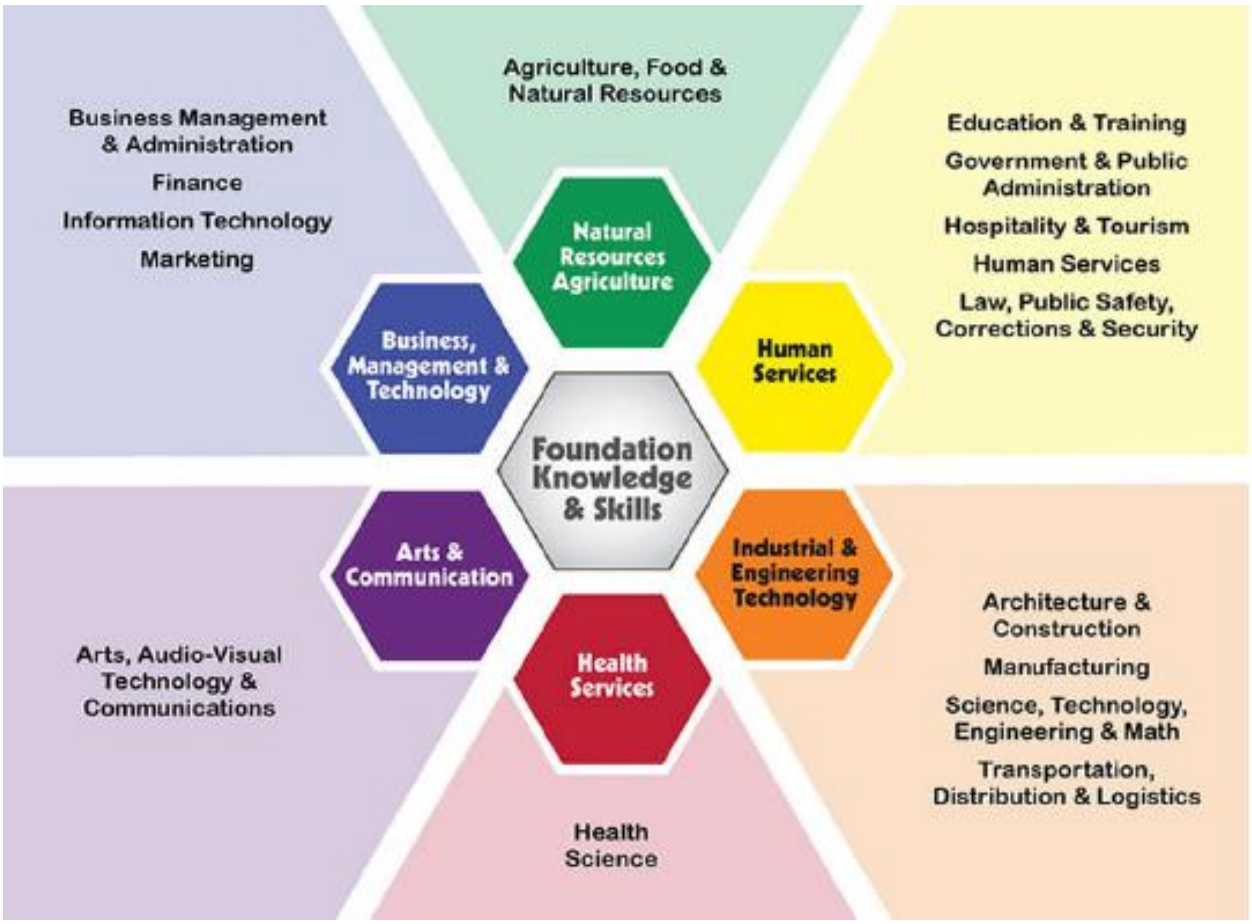
The decisions you make in high school, including the choice of a career path and the selection of courses that support that path, will have a great impact upon your chances for success throughout your life. In essence, you are laying the foundation for the accomplishments you experience in life. It is vitally important that you devote appropriate time and thought and seek the guidance of your parents as well as school personnel as you make these decisions. Regardless of which path you choose, the ultimate goal is the same: a successful and satisfying life and career.

If, as you utilize this Academic & Career Planning Guide you find you need additional information or assistance, the following individuals can be contacted at East Buchanan High School with the contact information below:

Taylor Barker	School Counselor	816-424-6460 ext. 355	barkert@ebs.k12.mo.us
Doug Miller	High School Principal	816-424-6460	miller@ebs.k12.mo.us
Val Jones	A+ Coordinator	816-424-6460 ext. 460	jones@ebs.k12.mo.us

CAREER PATHS

At East Buchanan, we utilize the Missouri Connections program to help students explore and plan for their future careers. Missouri Connections is a free online career education program available to all Missouri residents. The following graphic shows the organization of careers in this model.



There are 16 pathways divided among the 6 career cluster areas. At the center of the model are the foundation knowledge & skills that are the academic & technical skills required for success in any area. Those skills include: teamwork, career development, information technology application, problem solving, critical thinking, employability, ethics, systems, safety, health & environment, legal responsibilities, and communication skills.

1. Business, Management & Technology – the Business Cluster
    a. Information Technology Pathway
        i. Network systems
        ii. Information support & services
        iii. Interactive media
        iv. Programming & software development
    b. Marketing, Sales & Services Pathway
        i. Management & entrepreneurship
        ii. Professional sales & marketing

iii. Buying & merchandising
iv. Marketing communications & promotion
v. Marketing information management & research
vi. Distribution & logistics
vii. E-marketing

c. Finance Pathway
i. Financial & investment planning
ii. Business financial management
iii. Banking & related services
iv. Insurance Services

d. Business, management & administration Pathway
i. Management
ii. Business financial management & accounting
iii. Human resources
iv. Business analysis
v. Marketing & communications
vi. Administrative & information support

2. Natural Resources Agriculture – the Nature Cluster
a. Agriculture, Food & Natural Resources Pathway
i. Food products & processing systems
ii. Plant systems
iii. Animal systems
iv. Power, structural & technical systems
v. Natural resources & environmental systems
vi. Agribusiness systems

3. Human Services – the Helping Cluster
a. Human Services Pathway
i. Early childhood development & services
ii. Counseling & mental health services
iii. Family & community services
iv. Personal care services
v. Consumer services

b. Hospitality & Tourism Pathway
i. Restaurants & food & beverage services
ii. Recreation, amusement & attractions
iii. Travel & tourism
iv. Lodging

c. Government & Public Administration Pathway
i. Public management & administration
ii. Governance
iii. National security
iv. Foreign service
v. Planning
vi. Revenue & taxation

vii. Regulation

d. Law, Public Safety, Corrections & Security Pathway
    i. Corrections services
    ii. Emergency & fire management services
    iii. Security & protective services
    iv. Law enforcement services
    v. Legal services
e. Education & Training
    i. Administration & administration support
    ii. Professional support services
    iii. Teaching & training

4. Industrial & Engineering Technology – the Building & Fixing Cluster
    a. Science, Technology, Engineering & Mathematics (STEM) Pathway
        i. Engineering & technology
        ii. Science & math
    b. Architecture & Construction Pathway
        i. Design & pre-construction
        ii. Construction
        iii. Maintenance & operations
    c. Manufacturing Pathway
        i. Production
        ii. Manufacturing production process development
        iii. Maintenance, installation & repair
        iv. Quality assurance
        v. Logistics & inventory control
        vi. Health, safety & environmental assurance
    d. Transportation, Distribution & Logistics Pathway
        i. Transportation operations
        ii. Logistics, planning & management services
        iii. Warehousing & distribution center operations
        iv. Facility & mobile equipment maintenance
        v. Transportation systems & infrastructure planning, management & regulation
        vi. Health, safety & environment management
        vii. Sales & services
5. Health Services – the Health Cluster
    a. Health Science Pathway
        i. Biotechnology research & development
        ii. Therapeutic services
        iii. Diagnostics services
        iv. Health information
        v. Support services
6. Arts & Communication – the Creative Cluster
    a. Arts, A/V Technology, and Communications Pathway
        i. Audio & video technology & film

ii. Printing technology
iii. Visual arts
iv. Performing arts
v. Journalism & broadcasting
vi. Telecommunications

For more information about career planning, please visit www.missouriconnections.org. Career inventories and assessments are available through this site. All students should have personal log in information. They can see Mrs. Barker for this information.

Graduation Requirements		
Select courses that are related to your career path and that meet EBHS graduation requirements.		
	GENERAL DIPLOMA	ACADEMIC DIPLOMA
English (LAI, LAII, & 2 additional English classes)	4	4
Social Studies (World History, American History, American Government)	3	3
Mathematics	3	3
Science	3	3
Fine Arts	1	1
Practical Arts	1	1
Physical Education	1	1
Health	½	½
Personal Finance	½	½
Electives	11	5
Advanced Electives	--	5
Foreign Language	--	1
TOTAL	28	28

*The Valedictorian & Salutatorian shall be determined from the Academic Diploma group.

In addition to the program of study for graduation, a student must pass proficiency exams concerning Missouri and the United States Constitutions to qualify for graduation from the district. Each student must pass one credit of American History. No student shall graduate without having successfully completed a course of instruction of at least one semester length on the institutions, branches and functions of the government of the state of Missouri, including local governments; the United States government; and the electoral process.

For the Academic Diploma:

- Math credit must be Algebra B, Algebra I, or higher (excludes Algebra A and Applied Math)
- Science credit must be Biology B, Biology I or higher (excludes Biology A)
- Cumulative grad point must be a 3.0 (B) average or higher.

National Requirements to Compete in College Athletics

The National Collegiate Athletic Association, NCAA, was established in 1906 and serves as the athletics governing body for more than 1,280 colleges, universities, conferences, and organizations. The national office is in Indianapolis, Indiana but member colleges and universities develop the rules and guidelines for athletics eligibility and athletics competition for each of the here NCAA divisions. The NCAA is committed to the student-athlete and to governing competition in a fair, safe, inclusive and sportsmanlike manner.

Eligibility Center Contact Information

NCAA Eligibility Center:
Certification Processing
PO Box 7136
Indianapolis, IN 46207-7136
(877) 262-1492

Core Courses:

- NCAA Division I and Division II currently require 16 core courses.
- Beginning August 1, 2016, NCAA Division I will require 10 core courses to be completed prior to the seventh semester of high school. Also a minimum core course GPA of 2.300 is required for competition.

Test Scores:

- Division I has a sliding scale for test score and grade-point average.
- Division II has a minimum SAT score requirement of 820 or an ACT sum score of 68.
- The SAT score used for NCAA purposes includes only the critical reading and math sections. The writing section of the SAT is not used.
- The ACT score used for NCAA purposes is a sum of the four sections on the ACT: English, mathematics, reading and science.
- All SAT and ACT scores must be reported directly to the NCAA Eligibility Center by the testing agency. Test scores that appear on transcripts will not be used. When registering for the SAT or ACT, use the Eligibility Center code of 9999 to make sure the score s reported to the Eligibility Center.

Grade-Point Average:

- Only core courses are used in the calculation of the Grade Point Average.
- Be sure to look at your high school's list of NCAA approved core courses on the Eligibility Center's website to make certain that courses being taken have been approved as core courses.
- The Division II grade-point average requirement is a minimum of 2.000.

Division I – 16 Core-Course Rule: 16 core courses (4 English, 3 math (Algebra I or higher), 2 natural/physical science (1 lab), 1 year additional English, math or natural/physical science, 2 social science, 4 years additional courses (core area or foreign language, nondoctrinal religion or philosophy)

Division II – 16 Core-Course Rule: 16 core courses (3 English, 2 math (Algebra I or higher), 2 natural/physical science, 3 additional English, math, natural/physical science, 2 social science), 4 additional courses (core area or foreign language, or nondoctrinal religion or philosophy)

A+ Financial Incentives Program

The A+ Financial Incentives Program represents a comprehensive program of curricular, instruction, and technological developments and improvements designed to better meet the needs of all students, regardless of whether they plan to attend a traditional four-year college, a community college, a vocational or technical school, or plan to seek employment immediately out of high school.

The primary goals of this program are:

a) All students graduate from high school;
b) All students complete a selection of high school studies that is challenging and for which there are identified learning expectations; and
c) All students proceed from high school graduation to a traditional college or post-secondary vocational or technical school or high wage job with workplace skill development opportunities.

Students who have signed an agreement may, upon graduation, be eligible to receive financial incentives to attend any Missouri public community college or vocational or technical school. To be eligible, a student must enter into a written agreement with the school and:

- Attend an A+ school for three years prior to high school graduation;
- Graduate from high school with at least a 2.5 cumulative G.P.A.;
- Maintain a cumulative 95% rate of attendance;
- Perform 50 hours of supervised unpaid tutoring or mentoring for other students;
- Register for selective service where applicable;
- Make a good faith effort to first secure all available federal post-secondary student financial assistance funds that do not require repayment (FAFSA). Contact the school you plan to attend for more details.
- Starting with the Class of 2015, score proficient or advanced on the Algebra EOC exam.

For more information about the A+ Financial Incentives Program contact the A+ Coordinator, Val Jones at 816-424-6460.

Academic Diploma Advanced Electives

These courses have been designated ADVANCED for the Academic Diploma and will meet the requirements needed for the five (5) advanced electives. This does not necessarily mean that each advanced class is weighted. Advanced classes cannot count as both a required class for graduation AND an advanced class.

Accounting I & II
Apparel & Textiles
Ag Business, Sales, Marketing
Ag Construction
Ag Animal Science/Food Science
Ag Management & Economics
Ag Mechanics
Ag Science II
Ag Structures
Applied Biology/Chemistry
Applied Communications
Art II, III, IV
Band II, III, IV
Biology II
Business Technology
Business Law/Management
Calculus
Career Exploration (STEM class)
Chamber Choir II, III, IV
Chemistry I
Chemistry II
Chemistry 211, 211L
Child Development
Child Development, Advanced
College Algebra – Math 110
Conservation of Natural Resources
Concert Choir II, III, IV
Creative Writing
Drama I & II
English 110
English Lit/College Prep
Entrepreneurship in FACS
Family-Consumer Resource Management
Family Living & Parenthood
General Foods
Geometry
Greenhouse OP/Management I, II
Hillyards courses
Housing & Human Environments
Jazz Band II, III, IV
Journalism
LA III, IV
Nutrition & Wellness
Physics
Pre-Veterinary Science
Psychology/Sociology
Spanish II, III, IV
Speech I, II
Trigonometry
World Geography
Any Dual Credit College Course

Requirement for the East Buchanan C-1 Academic Letter

a) ENROLLMENT:
    a. A student must be enrolled at East Buchanan C-1 High School at the end of the first quarter of the current school year.
    b. A student must be classified as a Freshman, Sophomore, Junior or Senior.
b) COURSES:
    a. A student must be enrolled in one (1) class from each of these four (4) areas: English, Mathematics, Science, Social Science.
    b. He/she must be enrolled in a total of 8 units of credit (7 credits if fully scheduled with cadet or office aid).
c) GRADE POINT AVERAGES:
    a. A student must have maintained a 3.667 GPA during the first three (3) quarters of the current school year. (The GPA includes weighted classes.)
d) LETTER:
    a. An academic letter will be awarded to those students eligible for an initial academic letter.
    b. A bar will be awarded after receiving an initial academic letter.

Dual Credit Classes

Classes that meet the requirements for both high school and college credit (dual credit/dual enrollment) have become increasingly popular for junior and senior students. While some of these classes are taught by East Buchanan teachers (adjunct college professors); many of these classes are taught via ITV or online. Students and parents need to remember that when a student is enrolled in dual credit courses; almost all of the decisions made regarding the courses are made by college faculty and are not subject to influence by East Buchanan teachers, counselors, administration. Students must be prepared to handle the workload and to accept the decisions/grades assigned by the college faculty. Mr. Holloway and Mr. Painter are adjunct professors for UMKC. All other classes offered are either ITV or online through Central Methodist College, Missouri Western State University or North Central Missouri College. When a student is enrolled in an online class, they are given time during the high school schedule to complete work associated with the class. The student is independent and working through the college/university.

Dual credit classes while in high school typically receive a reduced tuition rate. This tuition is the responsibility of the student and his/her parent/guardian. East Buchanan High School does not pay for tuition for any students. Financial obligations incurred by the student are solely the responsibility of the student and his/her parent/guardian. There are fees associated with these classes outside of tuition – textbooks and access codes (online courses) are the most common. East Buchanan WILL pay for these costs for the following classes: College Algebra, College Trigonometry, Calculus, Chemistry 211, English 101/102, American History to 1865, and American History from 1865 to present. All other classes that a student may CHOOSE to take will include the student and his/her parent/guardian paying any textbook or fees associated with the course.

The decision to take dual credit courses should not be taken lightly. These courses are rigorous and the grades earned will be included on your college and high school transcripts.

Students must meet the following criteria to take dual credit courses:

- 3.0 overall cumulative high school GPA
- ACT composite of 21 or higher
- EOC score of Proficient or Advanced in subject area
- **NOTE: Certain colleges may require ACT sub-scores in subject areas.

Class Weighting

The East Buchanan C-1 High School has adopted a policy that has designated specific classes as "weighted classes." This means that students taking the weighted classes will be able to earn additional grade points in those classes.

Grade	Non-Weighted	Weighted	Double-Weighted
A	4.000	4.333	4.667
A-	3.667	4.000	4.333
B+	3.333	3.667	4.000
B	3.000	3.333	3.667
B-	2.667	3.000	3.333
C+	2.333	2.667	3.000
C	2.000	2.333	2.667
C-	1.667	2.000	2.333
D+	1.333	1.333	1.333
D	1.000	1.000	1.000
D-	0.667	0.667	0.667
F	0.000	0.000	0.000
*Note: No additional points will be awarded in a weighted class for any grade below a C-. The classes listed to the right are weighted.	Courses	Advanced Math Advanced Band Algebra II Biology II Chemistry I Geometry Psychology/Sociology Speech II College Prep/Eng Lit Spanish III-IV	Any dual credit college class Chemistry II Physics

East Buchanan High School Testing Program

The purpose of our testing program is to evaluate student performance so judgments or decisions can be made concerning individual students, groups of students, and educational programs. East Buchanan High School shall provide testing services and activities at each level to meet the minimum statewide testing requirements.

Screening for Special Needs

In keeping with one of the two major purposes of testing, the district testing program includes procedures for screening all students to determine who may need special services. This procedure shall identify those students who are in need of further diagnostic assessment and possible assignment to a special education program that will meet the student's needs.

Grades 9-10

1. Career Cluster Inventory – a career cluster inventory will be given at the 10th grade level to identify areas of preliminary vocational interests and aid in the planning of the student's high school program.
2. PLAN – all students in the 10th grade will take the test which will give them an estimate of their career and college readiness.

Grades 11-12

1. Career Cluster Interest Inventory – all students will have the opportunity to take the Missouri Connections Interest Inventory to identify areas of vocational interest.
2. ASVAB – all students in 11th grade will take the Armed Services Vocational Aptitude Battery (ASVAB) which will be used to identify career readiness and interests.
3. ACT – DESE currently does not require this test. The ACT is used nationally to indicate college readiness and scores can influence merit-based scholarships and financial aid.

Grades 9-12: End of Course Assessments (EOCs)

The Department of Assessment for Missouri Department of Elementary & Secondary Education has developed End of Course Assessments to be given at the high school level. Students will now be assessed according to content areas and not grade levels. Students will take assessments in Algebra I, Biology, Language Arts 1, Language Arts 2, and American Government if currently enrolled in those courses. These assessments will be counted as 10% of the second semester grade in those courses. Beginning with the class of 2015, students must pass the Algebra I EOC with a proficient or advanced score to be A+ eligible. (See page 8)

Description of Course Offerings

ENGLISH

COURSE:	Language Arts I	**GRADES ELIGIBLE:**	9
CREDITS/TYPE:	1 unit English	**DURATION:**	Year
DESCRIPTION:	This class involves the study of different types of literature (plays, poetry, short stories, etc.) written by people of different backgrounds, theme writing, and speaking. The student will develop skills that include composition and word study. Major emphasis will be on improvement in the basic skills of usage, spelling, mechanics of all types, and sentence structure.		

COURSE:	Language Arts II	**GRADES ELIGIBLE:**	10
CREDITS/TYPE:	1 unit English	**DURATION:**	Year
DESCRIPTION: Prerequisite: LA I	This class is designed to reinforce grammar skills already learned and to provide for a better understanding and usage of American Literature from the 1600s to present day. Short stories, poems, essays, letters, and novels all combine to give the student a firm understanding and appreciation of literature in America.		

COURSE:	Language Arts III	**GRADES ELIGIBLE:**	11-12
CREDITS/TYPE:	1 unit English	**DURATION:**	Year
DESCRIPTION: Prerequisite: LA II	Language Arts III will continue the development of knowledge and proficiency in speaking, writing, and reading Standard English. Areas addressed in Language Arts III include American, British, and world literature with an emphasis on non-fiction, grammar, and writing situations using research and MLA style format.		

COURSE:	College Prep English	**GRADES ELIGIBLE:**	11-12
CREDITS/TYPE:	½ unit English	**DURATION:**	Semester
DESCRIPTION: Prerequisite: LA I & LA II	Students preparing for college may choose College Prep English. Emphasis will be placed on literature analysis, composition, writing, and methods of research. A research paper will be required.		

COURSE:	English Literature	**GRADES ELIGIBLE:**	11-12
CREDITS/TYPE:	½ unit English	**DURATION:**	Semester
DESCRIPTION: Prerequisite: LA I & LA II	English Literature is a survey course of the literature of England from the Anglo-Saxon period to modern times. Emphasis will be placed on literary analysis of selected poems, plays, short stories, and essays of and about this literature period. Students will be required to complete a research project based on a literary work or author of this literature period.		

COURSE:	Creative Writing	**GRADES ELIGIBLE:**	11-12
CREDITS/TYPE:	1 unit English	**DURATION:**	Year
DESCRIPTION:	Applied practice in writing techniques will be covered. Areas studied will be creative writing in poetry, essays, and short stories. Reading works of published authors will reinforce the writing skills covered by the class. Also, emphasis will be placed on the application of freelance writing techniques and procedures. Formats for layout and design in publications will be studied.		

COURSE:	Reading	**GRADES ELIGIBLE:**	9
CREDITS/TYPE:	½ unit elective	**DURATION:**	Semester
DESCRIPTION: Teacher Placement	Age appropriate reading strategies will be emphasized. Comprehension, fluency, vocabulary, and using context to determine meaning will be main areas of study. Students will work to improve reading ability both for recreation and academic work. A variety of reading genres will be incorporated into class. This will be a semester class for Freshmen only.		

COURSE:	Speech/Drama I	**GRADES ELIGIBLE:**	9-12
CREDITS/TYPE:	1 unit elective	**DURATION:**	Year
DESCRIPTION:	Speech/Drama I is a year-long course study in oral communication and the theatre arts. Students will gain beneficial skills in public speaking, small group communication, voice production and listening. Students will also be introduced to the theatre arts and understand its contribution to society as storytelling, oral history and its study of human interaction. Collaboration, communication, and creativity will be stressed in all aspects of the class. Students will be expected to present different styles of speeches, use their voice effectively, listen closely, understand and use speech/theatre vocabulary, follow direction, and learn about the human condition and social relationships through the study and performance of classic theatre literature. Students will also develop skills in presentation, performance, and production.		

COURSE:	Journalism I, II	**GRADES ELIGIBLE:**	10-12
CREDITS/TYPE:	1 unit elective	**DURATION:**	Year
DESCRIPTION:	This course is designed to develop future journalists. Students will acquire fundamental knowledge of news, feature, editorial, and sports writing. Students will create original pieces for each category of a newspaper. Journalism will also explore the media and ethical responsibility issues that take place when reporting the news to a mass public. This course will also allow students to experience working with design, layout and photo journalism.		

COURSE:	Applied Communications	**GRADES ELIGIBLE:**	12
CREDITS/TYPE:	½ unit English	**DURATION:**	Semester
DESCRIPTION: Prerequisite: LA I & LA II	Applied Communications II is an extension of Applied Communications I. It is a class that teaches communication skills required for success in today's workplace. Academic studies are combined with hands-on practice of job-related communication skills. Reading, writing, listening, speaking and problem solving are applied to on-the-job situations in a variety of major occupational areas. While the course may appear aimed toward school-to-work students, college bound students could benefit from the course work.		

COURSE:	LA IV	**GRADES ELIGIBLE:**	12
CREDITS/TYPE:	½ unit English	**DURATION:**	Semester
DESCRIPTION: Prerequisite: LA I & LA II	Language Arts IV will continue the development of knowledge and proficiency in speaking, writing, and reading Standard English. Areas addressed in Language Arts IV include American, British, and world literature with an emphasis on non-fiction, grammar, and writing situations found in the classroom and test preparation to prepare students for college or vocational school entrance tests.		
COURSE:	English 110	**GRADES ELIGIBLE:**	12
CREDITS/TYPE:	1 credit English	**DURATION:**	Year

DESCRIPTION: Prerequisite: College Prep/Eng Lit strongly suggested	These two 3-hour online courses include the study and practice of expository writing and analytical and critical reading; the study of basic rhetorical principals and the practice of those principles in frequent papers; close reading of models of expository prose and the practice of research techniques.

MATH

COURSE:	Algebra IA	**GRADES ELIGIBLE:**	9-12
CREDITS/TYPE:	1 unit Math	**DURATION:**	Year
DESCRIPTION: Teacher placement	Algebra IA and Algebra IB are the same as Algebra I over a two year period. Students passing Algebra IA for fall semester receives a ½ math credit and passing for spring semester will receive a ½ math credit. Students apply the concept of variables as they write and simplify algebraic expressions. Students will study algebraic topics including rational numbers, linear equations, and proportions.		

COURSE:	Algebra IB	**GRADES ELIGIBLE:**	10-12
CREDITS/TYPE:	1 unit Math	**DURATION:**	Year
DESCRIPTION: Prerequisite: Algebra IA	Algebra IA and Algebra IB are the same as Algebra I over a two year period. Students passing Algebra IA for fall semester receives a ½ math credit and passing for spring semester will receive a ½ math credit. Students will extend the concepts from Algebra IA. Students will study algebraic topics including functions, polynomials, and solving systems of equations.		

COURSE:	Algebra I	**GRADES ELIGIBLE:**	9-12
CREDITS/TYPE:	1 unit math	**DURATION:**	Year
DESCRIPTION:	Students apply the concept of variables as they write and simplify algebraic expressions. Students will study algebraic topics including rational numbers, linear equations, proportions, functions, polynomials, and solving systems of equations.		

COURSE:	Basic Geometry	**GRADES ELIGIBLE:**	11-12
CREDITS/TYPE:	1 unit math	**DURATION:**	Year
DESCRIPTION: Prerequisite: Algebra IA & IB or instructor approval	Basic geometry explores the relationships of angles and lines, employing deductive reasoning and graphic representation.		

COURSE:	Geometry	**GRADES ELIGIBLE:**	9-12
CREDITS/TYPE:	1 unit math	**DURATION:**	Year
DESCRIPTION: Prerequisite: Algebra I or instructor approval	Geometry explores the relationships of angles and lines, employing deductive reasoning, proofs, and graphic representations.		

COURSE:	Algebra II	**GRADES ELIGIBLE:**	10-12
CREDITS/TYPE:	1 unit math	**DURATION:**	Year
DESCRIPTION: Prereq: Algebra I & Geometry or teacher approval	A continuation of Algebra I by extending the topics to a more advanced level. Concepts will include analyzing equations and inequalities, quadratic functions, and polynomial functions.		

COURSE:	MATH110 – College Algebra	**GRADES ELIGIBLE:**	11-12
CREDITS/TYPE:	½ unit math	**DURATION:**	semester
DESCRIPTION: Prerequisite: C of better in Algebra II	The purpose of Math 110 is to provide students with the necessary math skills to prepare them for the rigors of college math. Content and skills include basic algebra operations, equations, inequalities, graphs and functions, exponential and logarithmic functions, and system of equations.		

COURSE:	MATH125 - Trigonometry	**GRADES ELIGIBLE:**	11-12
CREDITS/TYPE:	½ unit math	**DURATION:**	semester
DESCRIPTION: Prereq: 2 units of Algebra and 1 unit of Geometry, OR Math110	Trigonometric functions, trigonometric identities with a unit circle approach to defining and applying the six trigonometric functions.		

COURSE:	Advanced Math	**GRADES ELIGIBLE:**	11-12
CREDITS/TYPE:	1 unit math	**DURATION:**	Year
DESCRIPTION: Prereq: Geometry and Algebra II	The purpose of Advanced Math is to provide students with a better understanding of how to apply algebraic and trigonometric concepts to solve real-life problems. Areas addressed in Advanced Math include solving, graphing, and analyzing linear, non-linear, and trigonometric equations; vectors and parametric equations.		

COURSE:	MATH210 – Calculus	**GRADES ELIGIBLE:**	11-12
CREDITS/TYPE:	1 unit math	**DURATION:**	Year
DESCRIPTION: Prereq: College Algebra & Trig	Functions and graphs, rational, trigonometric, exponential functions, composite and inverse functions, limits and continuity, differentiation and its applications, integration and its applications.		

SCIENCE

*Students are now required to have a third science credit prior to graduation and may fulfill this requirement by completing the third class within the Agriculture Department. Students must have successfully completed Ag Science I & II prior to enrolling in a third Ag class. Students may only choose from Animal Science/Food Science, Conservation of Natural Resources, Greenhouse I, or Pre-Veterinary to meet the science requirement.

COURSE:	Biology A	**GRADES ELIGIBLE:**	9
CREDITS/TYPE:	1 unit science	**DURATION:**	Year
DESCRIPTION: Teacher placement	Biology A is part of a two-year class. The first semester will address Earth and space science that will incorporate an understanding of the periodic table, basic structure of the atom and simple compounds, and a general knowledge of weather and our environment. The second semester will addresses biochemistry and ecology, along with basic characteristics of living organisms.		

COURSE:	Biology I	**GRADES ELIGIBLE:**	9
CREDITS/TYPE:	1 unit science	**DURATION:**	Year
DESCRIPTION: Teacher placement	Biology I is the prerequisite for those considering Chemistry I. This class does fulfill one credit of the three required science credits in the academic diploma and will satisfy college		

	science requirements for admission. It is strongly suggested taking Algebra I concurrently. Areas addressed will include: Biology, Chemistry/ecology, characteristics of living organisms, cell structure & function, classification and genetics.

COURSE:	Biology B	**GRADES ELIGIBLE:**	10
CREDITS/TYPE:	1 unit science	**DURATION:**	Year
DESCRIPTION: Prerequisite: Biology A	Biology B is part of a two-year class. The first semester will address cells and cellular function which includes photosynthesis, cellular respiration, and cell growth and division. The second semester will address genetics, which includes DNA, RNA, genetic engineering, and the human genome.		

COURSE:	Chemistry I	**GRADES ELIGIBLE:**	10-12
CREDITS/TYPE:	1 unit science	**DURATION:**	Year
DESCRIPTION: Prerequisite: Biology I C average & Algebra I C average (or by teacher recommendation)	Chemistry I is related to nearly every part of man's existence, which makes a basic knowledge of the subject highly desirable. Basically, Chemistry is the science dealing with the structure and composition of matter and the changes that it may undergo.		

COURSE:	Biology II	**GRADES ELIGIBLE:**	11-12
CREDITS/TYPE:	1 unit science	**DURATION:**	Year
DESCRIPTION: Prereq: Biology I C average, and Chemistry I C average	Biology II is a continuation of Biology I but is geared to adequately prepare those who plan to continue in fields which will require further study in chemistry and biology. Emphasis is placed on microbiology, genetics, and anatomy and physiology.		

COURSE:	Chemistry II	**GRADES ELIGIBLE:**	11-12
CREDITS/TYPE:	1 unit science	**DURATION:**	Year
DESCRIPTION: Prereq: Biolgy I & Chemistry I with C average	Chemistry II like Biology II is a continuation of course one. Units on stoichiometry, acids and bases, gas laws, and organic chemistry will be covered. Chemistry II will go deeper into the study of atomic theory, and make greater use of the periodic table.		

COURSE:	Chemistry 211	**GRADES ELIGIBLE:**	12
CREDITS/TYPE:	1 unit science	**DURATION:**	Year
DESCRIPTION: Prereq: C average in Chem II; college requirements	This class will cover the following areas: atomic structure, stoichiometry, states of matter, thermodynamics and molecular geometry.		

COURSE:	Chemistry 211 L	**GRADES ELIGIBLE:**	12
CREDITS/TYPE:	Taken with Chem 211	**DURATION:**	Year
DESCRIPTION: (See Chemistry 211)	This class is an introduction to laboratory techniques used in studying the chemical properties of substances. Some quantitative techniques are included.		

COURSE:	Physics	**GRADES ELIGIBLE:**	12

CREDITS/TYPE:	1 unit science	**DURATION:**	Year
DESCRIPTION: Prereq: Algebra I & II, Biology, Chem and Chem 2 or special permission	For those with above-average or average achievement in Algebra I and Algebra II and an interest in the following areas of science: matter light radioactivity, mechanics, sound, electronic kinetic theory of matter and others.		

COURSE:	Earth & Space Science	**GRADES ELIGIBLE:**	11-12
CREDITS/TYPE:	1 unit science	**DURATION:**	Year
DESCRIPTION: Prereq: Biology I OR Biology A&B	For those who have successfully completed required course of Biology or Biology A and Biology B. Students learn about the Earth, the Moon, the sun, the solar system and galaxies. Students will learn about the place of humans in the universe and how humans affect the system. Students will learn about how the Earth and space will affect human generations.		

SOCIAL SCIENCE

COURSE:	World History	**GRADES ELIGIBLE:**	9
CREDITS/TYPE:	1 unit social science	**DURATION:**	Year
DESCRIPTION:	Throughout history humans have confronted similar obstacles from the Americas, to Africa, to Asia, and Europe. In this course students will pay attention to the recurring themes that have impacted the world.		

COURSE:	American History	**GRADES ELIGIBLE:**	10
CREDITS/TYPE:	1 unit social science	**DURATION:**	Year
DESCRIPTION:	A study of American History from the Westward Movement of the US to the present.		

COURSE:	American Government	**GRADES ELIGIBLE:**	11
CREDITS/TYPE:	1 unit social science	**DURATION:**	Year
DESCRIPTION:	American Government is the study of national, state, and local governments, including the duties and responsibilities of an American citizen as a participant in American governments and society. Students will be tested as to their knowledge of the Missouri and US Constitutions. Passage of the Constitution test is required before graduation.		

COURSE:	World Geography (not currently offered)	**GRADES ELIGIBLE:**	11-12
CREDITS/TYPE:	1 unit social science	**DURATION:**	Year
DESCRIPTION:	Studies land, religion, politics, social beliefs, and languages of countries of the world. You will also learn locations of major countries, cities, rivers, and population centers around the world.		

COURSE:	Psychology	**GRADES ELIGIBLE:**	11-12
CREDITS/TYPE:	½ unit social science	**DURATION:**	Semester
DESCRIPTION:	Studies emotional and psychological reasons why people react in the manner they do. This class looks at behavior disorders, mental retardation, and other behavioral problems. Studies normal and abnormal reaction to situations by human beings.		

COURSE:	Sociology	**GRADES ELIGIBLE:**	11-12
CREDITS/TYPE:	1 unit social science	**DURATION:**	Semester
DESCRIPTION:	This is the study of the way individuals react in a group and the way these groups form social institutions and rules for individuals to live by.		

COURSE:	Am Hist 1	**GRADES ELIGIBLE:**	11-12
CREDITS/TYPE:	1 unit social science	**DURATION:**	year
DESCRIPTION: Prereq: must meet dual credit requirements	This three hour course covers the evolution of American civilization from its colonial beginnings through Reconstruction. The students will examine the people, events, issues, ideas, values and experiences of the American society during the formative years of its social development. This class will examine the various political, economic, religious, and social ideas that forged the creation of the American Republic.		

PRACTICAL ARTS – AGRICULTURE

All Agriculture classes require a supervised agriculture experience (SAE) and record book for all students. (Strongly encouraged to join the FFA organization).

COURSE:	Agricultural Science I	**GRADES ELIGIBLE:**	9
CREDITS/TYPE:	1 unit practical arts	**DURATION:**	year
DESCRIPTION:	A course designed for instruction in animal science, agribusiness, agricultural mechnics, careers, leadership, FFA, and supervised occupational experiences.		

COURSE:	Agricultural Science II	**GRADES ELIGIBLE:**	10
CREDITS/TYPE:	1 unit practical arts	**DURATION:**	Year
DESCRIPTION: Prereq: Ag Sci I	This is a course designed for instruction in plant science, horticulture and/or forestry, and additional instruction in agricultural mechanics, careers, leadership, FFA, and supervised occupational experiences.		

COURSE:	Conservation of Natural Resources	**GRADES ELIGIBLE:**	11-12
CREDITS/TYPE:	1 unit practical arts (offered on rotating basis)	**DURATION:**	Year
DESCRIPTION: Prereq: Ag Sci I & II	This is a course designed for preparing students for vocations in fish and wildlife and the management of these habitats. Economic aspects and environmental importance will be major considerations in the course of study. This course will also include the study of fish and fish farming, care of habitat, legal aspects, job skills, developing land, and conservation practices of wildlife game and fish.		

COURSE:	Agribusiness Sales & Marketing	**GRADES ELIGIBLE:**	11-12
CREDITS/TYPE:	1 unit practical arts (offered on rotating basis)	**DURATION:**	Year
DESCRIPTION: Prereq: Ag Sci I & II	Human relations, personal inventory, careers in selling, and other experiences necessary for employment in agribusiness engaged in marketing, purchasing and storying, grading and transporting supplies and products.		

COURSE:	Agricultural Management & Economics	**GRADES ELIGIBLE:**	11-12
CREDITS/TYPE:	½ unit practical arts (offered on rotating basis)	**DURATION:**	semester
DESCRIPTION: Prereq: Ag Sci I & II	This course is a combination of farm management and agribusiness content based on agricultural economic principles. Computer application are included to enhance student		

	understanding and utilization of current technology. Unites include human relations, verbal and written communication, microcomputers in agriculture, economic principles, farm planning, agribusiness functions and business management.

COURSE:	Agricultural Food Science	**GRADES ELIGIBLE:**	11-12
CREDITS/TYPE:	½ unit practical arts	**DURATION:**	Semester
DESCRIPTION: Prereq: Ag Sci I & II	This course includes the areas of food chemistry and nutrition, food additives, food packaging and labeling, evaluation of foods, food microbiology, food processing, food fermentation, and principles of sanitation and quality control. Students will be performing hands-on activities associated in the field of food processing.		

COURSE:	Animal Science	**GRADES ELIGIBLE:**	11-12
CREDITS/TYPE:	½ unit practical arts	**DURATION:**	Semester
DESCRIPTION: Prereq: Ag Sci I & II	Advanced study in animal production, management, marketing, nutrition, breeding, production records, selection, animal health, waste management, and biotechnology may be included in this course.		

COURSE:	Pre-Veterinary Science	**GRADES ELIGIBLE:**	11-12
CREDITS/TYPE:	1 credit practical arts	**DURATION:**	Year
DESCRIPTION: Prereq: Ag Sci I & II	This course is designed to prepare students for entry-level employment as a Veterinary Assistant. Students develop foundation skills which can be utilized in veterinary clinics, kennels, laboratories, shelters, and pet stores. Topics include basic veterinary medical terminology, animal (large & small) anatomy, physiology and health, animal reproduction, laws and regulations, and small and specialty animal care.		

COURSE:	Greenhouse Operation & Management I	**GRADES ELIGIBLE:**	11-12
CREDITS/TYPE:	1 unit practical arts	**DURATION:**	Year
DESCRIPTION: Prereq: Ag Sci I & II	This course will include the study of propagated plants such as fruits and vegetables, flower-bedding and cut, trees, shrubs, landscape design, and proper use of pesticides, growth regulators, and hormones. This course will include extensive lab work with plants for the home and garden.		

COURSE:	Greenhouse Operation & Management II	**GRADES ELIGIBLE:**	12
CREDITS/TYPE:	1 unit practical arts	**DURATION:**	Year
DESCRIPTION: Prereq: Ag Sci I & II	This course will include the study of floral design, centerpieces, wreathes, dish gardens, bud vases, and shop operations. It will include landscape and turf identification, use of pesticides, maintenance of bedding plants, ground covers, trees, and shrubs. Careers in these areas will also be addressed.		

COURSE:	Agricultural Construction	**GRADES ELIGIBLE:**	11-12
CREDITS/TYPE:	1 unit practical arts	**DURATION:**	Year
DESCRIPTION: Prereq: Ag Sci I & II	This course deals primarily with oxy-acetylene welding, arc and heliarc welding, and the construction of major shop projects both metal and wood. Other areas addressed will include electrical wiring, concrete masonry, and plumbing.		

PRACTICAL ARTS – BUSINESS

COURSE:	Computer Applications	**GRADES ELIGIBLE:**	9

CREDITS/TYPE:	½ unit practical arts	**DURATION:**	Semester
DESCRIPTION:	This course is designed to teach concepts associated with business applications on the microcomputer. Instructional units include: word processing, spreadsheet, and presentation programs. Students will be using software currently used in today's business office. Students will spend time on document preparation. There will be a continuation of speed- and accuracy- building skills. Students will also spend a portion of each day working on keyboarding skills. (This course will be taken as a companion course with Health for Freshmen not in a Reading class).		

COURSE:	Personal Finance	**GRADES ELIGIBLE:**	10
CREDITS/TYPE:	½ unit personal finance	**DURATION:**	Semester
DESCRIPTION:	This course is designed to prepare a student to make important financial decisions when they live on their own. In this course, students will prepare a personal budget, differentiate among banking services, manage a checking account, understand employment compensation and benefits, complete tax forms, manage investments and credit, plan for retirement, understand insurance, compare housing and identify transportation needs. (This course will be taken as a companion course to ACT Prep and is required for sophomores.)		

COURSE:	Business Technology	**GRADES ELIGIBLE:**	10-12
CREDITS/TYPE:	1 unit practical art	**DURATION:**	Year
DESCRIPTION: Prereq: B or better in Computer Applications	This course is designed to develop marketable skills and understandings required for a rapidly changing workplace. It is a realistic, practical, and problem-solving framework to assure that preparation is thorough and up to date. After completion of this course, the student will have competence and confidence to meet the qualifications of a wide variety of office positions, a firm foundation of skills and knowledge upon which to build a rewarding career and the understanding to meet the changes anticipated as our society moves through the 21st century. Areas covered are information processing, word processing, data processing, records management, desktop publishing, Internet usage, web page design, careers and employee relations, communication, time management, telecommunication, mail procedures, multimedia, and E-business. Several school publications will be designed and prepared for extra-curricular activity programs.		

COURSE:	Accounting I	**GRADES ELIGIBLE:**	10, 11-12
CREDITS/TYPE:	1 unit practical art	**DURATION:**	Year
DESCRIPTION:	The purpose for first-year accounting is to teach the student the manual method of the double-entry process of keeping books. In the first phase, the student will study the use of the general journal as it relates to a service-type business. The second phase will cover automated accounting for a service business operating as a sole proprietorship. The third phase of the course deals with the double-entry books for a merchandising business run as a partnership. The fourth phase introduces corporations using the special journals (sales, cash receipts, purchases, and cash payments) and general journals. Students will also learn payroll accounting in this phase. A study of automated accounting (using a popular accounting software program or Excel templates) will also be included. An "enjoyable" section of the course I the use of a practice set which simulates a bookkeeper and the use of all types of business forms "received in the mail." Students must record all information in proper journals.		

COURSE:	Accounting II	**GRADES ELIGIBLE:**	11-12

CREDITS/TYPE:	1 unit practical arts	**DURATION:**	Year
DESCRIPTION: Prereq: B in Accounting I	We will continue with the accounting principles and study corporate accounting in depth. Departmentalized accounting, general accounting adjustments, management accounting, and cost accounting will be studied. TA continuous study of automated accounting (using a popular accounting software program and Excel templates) will also be included. We will finalize the year with a practice set dealing with a manufacturing corporation.		

COURSE:	Business Management	**GRADES ELIGIBLE:**	11-12
CREDITS/TYPE:	½ unit practical art	**DURATION:**	Semester
DESCRIPTION: Prereq: Computer apps and Personal Finance	The central focus of this course is to build a solid foundation of established business principles and practices that form the groundwork for all business operations. Business fundamentals such as economic, legal and social foundations are presented along with the close look at organizing businesses, marketing products and services, financing operations, managing and developing employees, and making difficult business decisions in a dynamic competitive atmosphere. Students will apply their knowledge using a business simulation where they will set their own business.		

COURSE:	Business Law	**GRADES ELIGIBLE:**	11-12
CREDITS/TYPE:	½ unit practical art	**DURATION:**	Semester
DESCRIPTION: Prereq: Computer apps and Personal Finance	The course provides students with an understanding of the legal framework of our society. The topics covered include the history, development, and classification of laws, personal and business law related to everyday life, contract law, the court system and courtroom procedures, legal terminology, constitutional rights, ethics, technology law, intellectual property, social responsibility, international law and consumer protection. Additional topics may include computer law, financial crimes, legal careers, international law, discrimination, contracts and business organization. This course will help students come aware of their rights and responsibilities under the laws so they can function as responsible citizens in their personal and professional lives.		

PRACTICAL ARTS – FAMILY & CONSUMER SCIENCE

COURSE:	Career & Family Leadership	**GRADES ELIGIBLE:**	9-10
CREDITS/TYPE:	1 unit practical art	**DURATION:**	year
DESCRIPTION:	The purpose of Family and Consumer Science is to prepare students for family life, emphasizing the acquisition of knowledge and the development of attitudes, standards, values and skills relevant to individual and family life and nurturing. It prepares students for balancing work and family roles and enhances employability skills. Content and skills include instruction in consumer education, food and nutrition, family living and parenthood education, child growth and development, housing and home management (including resource management), and clothing and textiles.		

COURSE:	Hospitality & Tourism Management Program I & II	**GRADES ELIGIBLE:**	10-12
CREDITS/TYPE:	1 unit practical art	**DURATION:**	semester
DESCRIPTION: Prereq: CFL	This course provides students the opportunity to earn an industry recognized certificate in Hospitality and Tourism Management. Students will learn about all facets of Hospitality and Tourism industry: hotels, restaurants, travel, resorts, cruise ships, etc.		

COURSE:	Entrepreneurship in FACS	**GRADES ELIGIBLE:**	10-12

CREDITS/TYPE:	½ unit practical art	**DURATION:**	Semester
DESCRIPTION:	This is an instructional program that prepares individuals to perform development, marketing, and management functions associated with owning and operating a family and consumer sciences-related business. Family and consumer sciences-related content supports instruction in the program and hands-on activities are included to provide real-life experiences. Balancing family life and entrepreneurial ventures is a major emphasis of the program curriculum.		

COURSE:	Family Living & Parenthood	**GRADES ELIGIBLE:**	10-12
CREDITS/TYPE:	½ unit practical art	**DURATION:**	Semester
DESCRIPTION:	This is an instructional program that prepares individuals to understand the nature, function and significance of human relationships within the family/individual units. Includes instruction in the concepts and principles related to various family living conditions, including abuse prevention; the establishment and maintenance of relationships; the preparation for marriage, parenthood and family life; and the socialization and developmental needs of individuals.		

COURSE:	Family/Consumer Resource Management	**GRADES ELIGIBLE:**	10-12
CREDITS/TYPE:	½ unit practical art	**DURATION:**	Semester
DESCRIPTION:	This is an instructional program that describes the design and implementation of policies and processes contributing to successful individual and family resource management. Includes instruction in financial goal-setting and strategies; household income, assets, and debt management; preventing and resolving financial difficulties; and the use of relevant public resources.		

COURSE:	Child Development, Care & Guidance	**GRADES ELIGIBLE:**	10-12
CREDITS/TYPE:	½ unit practical art	**DURATION:**	Semester
DESCRIPTION:	This is an instructional program that the study of the intellectual, social, emotional, and biological development of children and the planning and design of related human services. Includes instruction in parent-child relations; parenting practices; special needs of children; parental and environmental influences on child development; external support services; and related public policy issues. The students will be required to participate in the baby-think-it-over project. The students will be responsible for taking care of a computerized doll for a 48 hour period. The parents must sign a liability form accepting financial responsibility for the baby-think-it-over doll, in the event of malicious treatment, to cover the cost of replacement of the doll.		

COURSE:	Child Development, Care & Guidance, Advanced	**GRADES ELIGIBLE:**	10-12
CREDITS/TYPE:	½ unit practical art	**DURATION:**	Semester
DESCRIPTION:	This is an instructional program that provides advanced study in child development and guidance, including the physical, social and intellectual development of children. Actual experience in supervising children proves the opportunity to improve parenting skills, explore careers related to child development and generate employment skills.		

COURSE:	Nutrition & Wellness	**GRADES ELIGIBLE:**	10-12
CREDITS/TYPE:	½ unit practical art	**DURATION:**	Semester
DESCRIPTION:	This is an instructional program that prepares individuals to understand the principles of nutrition; the relationship of nutrition to health and wellness; the selection, preparation and care of food; meal management to meet individual and family food needs and patterns		

	of living; food economics and ecology; optimal use of the food dollar; understanding and promoting nutritional knowledge; and application of related math and science skills.

COURSE:	General Foods	**GRADES ELIGIBLE:**	10-12
CREDITS/TYPE:	½ unit practical art	**DURATION:**	Semester
DESCRIPTION: Prereq: Nutrition & Wellness	This course is designed to help students review and apply the principles of Nutrition and Wellness and expand into basic culinary arts. Areas addressed in General Foods include advanced nutrition and dietary principles; the selection and preparation of foods with an emphasis on outdoor food and entertaining, international foods, and food preservation; the exploration of food choices in our society and the utilization of informed consumer practice.		

COURSE:	Apparel & Textiles	**GRADES ELIGIBLE:**	10-12
CREDITS/TYPE:	½ unit practical art	**DURATION:**	Semester
DESCRIPTION:	Instructional program that prepares individuals to understand the social, psychological and physiological aspects of clothing and textiles; the nature, acquisition and use of clothing and textile products; the selection, construction, maintenance, and alteration of clothing and textile products; the effect of consumer choices on the individual and family, as well as the clothing and textile industry.		

COURSE:	Apparel & Textiles, Advanced	**GRADES ELIGIBLE:**	10-12
CREDITS/TYPE:	½ unit practical art	**DURATION:**	Semester
DESCRIPTION: Prereq: Apparel & Textiles	The purpose of apparel and textile, advanced is to extend competencies gained in apparel and textile, general for the advanced student interested in fashion, fabric properties, recycling of clothing and textile items, and creative construction techniques.		

COURSE:	Housing & Human Environments	**GRADES ELIGIBLE:**	10-12
CREDITS/TYPE:	½ unit practical art	**DURATION:**	Semester
DESCRIPTION:	This is an instructional program that describes the study of the behavioral, social, economic, functional, and aesthetic aspects of housing, interiors and other built environments. Includes instruction in analyzing, planning, designing, furnishing, and equipping residential, work and leisure spaces to meet user needs and the study of related public policies.		

PRACTICAL ARTS – CAREER EXPLORATION

COURSE:	Career Exploration I (STEM)	**GRADES ELIGIBLE:**	10-12
CREDITS/TYPE:	1 unit practical art	**DURATION:**	Year
DESCRIPTION:	Technology Education will introduce students to a technology approach that will offer a self-guided learning experience in a variety of technology systems. Students will learn to understand technological systems; build positive work attitudes, values and leadership skills; develop practical tool-using skills; explore career opportunities; and prepare for advanced education and training. Possible module units may include: alternative energy, computer aided design, aerodynamics, robotics, CNC, electronics, navigation, and digital photography.		

FINE ARTS

COURSE:	Art 1 (Foundations of Art)	**GRADES ELIGIBLE:**	9-12
CREDITS/TYPE:	1 unit fine art	**DURATION:**	Year
DESCRIPTION:	The Art I course is a study of the Elements of Art and the Principles of Design. Students will study these concepts through a variety of two-dimensional design and drawing projects. Art history, aesthetics, appreciation, and self-critiques will be incorporated along with the art assignments. (Students will need to purchase materials for this class. The cost will be approximately $30.)		

COURSE:	Art II (Advanced Studies in Art)	**GRADES ELIGIBLE:**	10-12
CREDITS/TYPE:	1 unit fine art	**DURATION:**	Year
DESCRIPTION: Prereq: Art I	The Art II course is designed to allow students to build on to their basic knowledge of the Elements of Art and the Principles of Design from Art I. Students will be working with both two- and three-dimensional art projects and will have more freedom to experiment with media and subject matter. Art II students will be encouraged to further build their art portfolios. Students will explore realism in drawing, as well as abstraction, to a limited degree. All artwork should reflect strong design and composition. Art history, aesthetics, appreciation, and self-critiques will be incorporated in each art assignment. (Students should keep Art I materials and sketchbook; however, they will need to purchase additional materials for this class. The cost will be approximately $40.)		

COURSE:	Art III (Advanced Studies in Art)	**GRADES ELIGIBLE:**	11-12
CREDITS/TYPE:	1 unit fine art	**DURATION:**	Year
DESCRIPTION: Prereq: Art II	The Art III course is designed to allow students to continue to add to their art portfolios and their knowledge of technique and media. Students will study the three aesthetic theories of art: imitationalism, formalism, and emotionalism. Students will be required to keep a sketchbook and provide art materials for themselves from a list given during the first class. (Students should keep Art I & II materials and sketchbooks so the cost is minimal.)		

COURSE:	Art IV (Independent Advanced Studies in Art)	**GRADES ELIGIBLE:**	12
CREDITS/TYPE:	1 unit fine art	**DURATION:**	Year
DESCRIPTION: Prereq: Art III	The Art IV course is designed to allow students to continue to add to their portfolio, and their knowledge of technique and media. Students will begin to focus on their individual style and choice of aesthetic theory (Imitationalism ,Formalism, and Emotionalism). Students will be self-directed in project choice, and will be required to plan out projects, decide upon objectives, execute plan, and formally evaluate each artwork. Students will need to become aware of individual strengths and weaknesses, and begin the process of having a theme or common thread within the portfolio. Students will be required to keep a sketchbook, and provide art materials for projects from a list given during the first class. (Students should keep Art I, II, and III materials and sketchbooks, so the cost is minimal.)		

COURSE:	Marching Band & Concert Band	**GRADES ELIGIBLE:**	9-12
CREDITS/TYPE:	1 unit fine art	**DURATION:**	Year
DESCRIPTION: Prereq: 3 years middle school band or instructor approval	The purpose of High School Band is to review and expand the skills and abilities of sight-reading and ensemble playing. Content and skills addressed in High School Band include review of marching fundamentals and development of advanced marching techniques, development and execution of advanced scales, development of critical listening skills of oneself and the ensemble, and ability to perform by oneself and in a small or large ensemble.		

COURSE:	Advanced Band	**GRADES ELIGIBLE:**	9-12
CREDITS/TYPE:	1 unit fine art	**DURATION:**	Year
DESCRIPTION: Prereq: instructor approval	The purpose of Advanced Band is to promote the highest level of musicianship. Students in Advanced Band will rehearse and perform with the regular marching and concert band ensembles. Students enrolled MUST audition for the NWMMEA District Band in the fall and compete in the MSHSAA solo competition in the spring. Students may also be asked to complete additional projects as seen fit by the instructor.		

COURSE:	Jazz Band	**GRADES ELIGIBLE:**	10-12
CREDITS/TYPE:	1 unit fine art	**DURATION:**	Year
DESCRIPTION: PRereq: 3 years of middle school band or instructor approval	This class is being offered to students who are currently enrolled in the EBHS Band program or by teacher recommendation. Studies will include beginning improvisational skills as well as an in depth study of jazz literature (music). All jazz styles and genres will be studied and performed.		

COURSE:	Concert Choir	**GRADES ELIGIBLE:**	9-12
CREDITS/TYPE:	1 unit fine art	**DURATION:**	Year
DESCRIPTION:	Concert choir is open to tall students wishing to participate in a large, non-auditioned, vocal music ensemble. Performance attendance, daily participation and a desire for musical excellence is required. Students will develop individual and ensemble singing skills. Skills include sight singing, part singing, blend, intonation, range/tonal development, artistic expression and performance skills. Music from a variety of styles, cultures, and historical periods will be studied.		

COURSE:	Music Appreciation	**GRADES ELIGIBLE:**	9-12
CREDITS/TYPE:	1 unit fine art	**DURATION:**	Year
DESCRIPTION:	The purpose of this course is to develop an appreciation and understanding of many different styles of music. Content and skills addressed in this course include development of perceptive listening skills, recognition of basic elements of music, and the ability to recognize and identify music from different time periods that include: Medieval, Renaissance, Baroque, Classical, Romantic, 20th Century, and today's sounds. An enrichment study of jazz and the development of rock-and-roll is also part of the course.		

COURSE:	Introduction to Music	**GRADES ELIGIBLE:**	9-12
CREDITS/TYPE:	1 unit fine art	**DURATION:**	Year
DESCRIPTION:	The purpose of this course is to develop an understanding of the theory of music. Content addressed in this course include development of perceptive listening skills and recognition of the basic elements of music. This course is for students who wish to explore music and further their overall understanding of prior musical experience.		

COURSE:	Chamber Choir	**GRADES ELIGIBLE:**	9-12
CREDITS/TYPE:	1 unit fine art	**DURATION:**	Year
DESCRIPTION: Prereq: Audition-based	Chamber Choir is recommended for students desiring participation in an advanced vocal music ensemble. Membership is limited and based on yearly auditions. While developing individual and ensemble singing skills at an advanced level, students will have the opportunity to improve performance skills, artistic expression and literate musicianship. Performance attendance, daily participation and a desire for musical excellence is required.		

	Musical styles ranging from the Renaissance to contemporary vocal jazz will be studied. Enrichment activities are available.

COURSE:	Drama I	**GRADES ELIGIBLE:**	9-12
CREDITS/TYPE:	1 unit fine art	**DURATION:**	Year
DESCRIPTION:	The students will study the art and history of theatre including acting (pantomime, monologue, humorous/dramatic interpretation, duet acting) make-up, technical theater, costuming, and show production. Emphasis will be placed on performing on the most professional level, no matter how "amateur" the production is.		

FOREIGN LANGUAGE

COURSE:	Spanish I	**GRADES ELIGIBLE:**	9-12
CREDITS/TYPE:	1 unit foreign language	**DURATION:**	Year
DESCRIPTION:	The purpose of Spanish I is to expand student knowledge of the basic elements in Introduction to Spanish. Areas addressed in Spanish I include a study of the present tense, a comprehensive study of basic English and Spanish grammatical structures, and an introduction to Hispanic culture and geography. Also, this course will teach the skills to continue learning the language.		

COURSE:	Spanish II	**GRADES ELIGIBLE:**	10-12
CREDITS/TYPE:	1 unit foreign language	**DURATION:**	Year
DESCRIPTION: Prereq: C average in Spanish I	The purpose of Spanish II is to expand upon the knowledge and skills gained in Spanish I with movement toward ease in communication. Areas addressed in Spanish II include a study of past and present verb tenses, an extension of the grammatical structures addressed in Spanish I, and an intensified study of the Spanish culture. Students will also begin to acquire communication skills along with comprehensive interpretation to converse with a native or a person speaking Spanish.		

COURSE:	Spanish III	**GRADES ELIGIBLE:**	11-12
CREDITS/TYPE:	1 unit foreign language	**DURATION:**	Year
DESCRIPTION: Prereq: C average in Spanish II	The purpose of Spanish III is to expand upon the knowledge and skills gained in Spanish I and II to better master the language. Areas addressed in Spanish III include communication and culture, interpreting meaning, and interaction with the teacher. Grammar skills will be emphasized through the entire curriculum.		

COURSE:	Spanish IV	**GRADES ELIGIBLE:**	12
CREDITS/TYPE:	1 unit foreign language	**DURATION:**	Year
DESCRIPTION: Prereq: C average in Spanish III	This course begins where Spanish III ends in continuing to better master the language. The purpose of Spanish IV is to expand the knowledge of grammatical and cultural concepts. The focus of this course will be on authentic communication including reading, speaking and writing of the target language.		

PHYSICAL EDUCATION

COURSE:	Lifetime Fitness	**GRADES ELIGIBLE:**	9
CREDITS/TYPE:	1 unit physical education	**DURATION:**	Year

DESCRIPTION:	Personal fitness is made up of scientifically sound information regarding how to increase your fitness level. The purpose of this course is to help students understand the fundamentals of physical fitness. Students will learn to develop their own personal fitness plan and track his/her progress. Students will choose from a variety of activities to incorporate into their fitness plans including walking, running, weight lifting, Pilates, yoga, P90X, just to name a few. Grades will be determined by tests, record keeping, and ability to develop and adjust fitness plan and overall improvement in fitness.

COURSE:	Health	**GRADES ELIGIBLE:**	9
CREDITS/TYPE:	½ unit Health	**DURATION:**	Semester
DESCRIPTION:	The purpose of health education is to help students acquire the health, knowledge, and attitudes necessary to make them likely to achieve or maintain their potential for wellness.		

COURSE:	Physical Education	**GRADES ELIGIBLE:**	10-12
CREDITS/TYPE:	1 unit physical education	**DURATION:**	year
DESCRIPTION:	Physical education is made up of individual and team sports. Instructors will work to assist the student to acquire the knowledge, attitude, and skills leading to exercise, including physical recreation and to assure that these become an integral part of one's life pattern. It attempts to promote fitness in the broadest sense of the word. Sports involved will be flag football, volleyball, basketball, badminton, pickle ball, speedball, whiffle ball, softball, and others. The students will also participate in a weight lifting program that the instructor provides to improve strength, muscle endurance, quickness, and speed. The Presidential Physical Fitness Test will be administered at the beginning and end of each school year. (Students may only sign up for one PE credit per year).		

COURSE:	Weight Training	**GRADES ELIGIBLE:**	9-12
CREDITS/TYPE:	1 unit physical education	**DURATION:**	Year
DESCRIPTION:	This course will emphasize the understanding and demonstration of proper techniques in weight training. Students will develop muscular strength, quickness, flexibility, and cardiovascular endurance. Students will be graded on participation, weightlifting progression and improvement in strength.		

MISCELLANEOUS

COURSE:	ACT Prep	**GRADES ELIGIBLE:**	10
CREDITS/TYPE:	½ unit elective	**DURATION:**	Semester
DESCRIPTION:	The ACT Prep courses will prepare students with skills geared toward the improvement of their ACT sub-scores and their ACT composite scores.		

COURSE:	Hillyard Vocational Technical School	**GRADES ELIGIBLE:**	11-12
CREDITS/TYPE:	4 units electives (practical arts)	**DURATION:**	2 year program
DESCRIPTION: Prereq: Application-based, must begin as a junior.	Vocational Technical training programs for Juniors and continuing Seniors to gain employable technical skills while in high school. Students must complete the application process. See the high school counselor to apply. Selection is based on grades, credits and attendance records. Numbers may be limited depending on finances. Dual credit and articulation agreements are available with some classes. (Programs available: Auto Collision Technology, Automotive Technology, Computer Aided Drafting, Computer Technology, Carpentry, Electronics Technology, Firefighter and EMT, Health Service		

	Assistant, Medical Transcription, Precision Machining, HVAC (Refrigeration, Heating and Cooling), and Welding)

COURSE:	Cadet Teaching	**GRADES ELIGIBLE:**	11-12
CREDITS/TYPE:	NO ACADEMIC CREDIT	**DURATION:**	Year
DESCRIPTION: Prereq: Students must have a GPA of 2.667 or better.	This class is for those students interested in going into the field of education. Cadet teachers will be working in the elementary (primarily) and high school. The cadet teacher works with students in small groups or with those needing special assistance. By their presence, they free the classroom teacher for time to spend with special learning problems. Cadet teaching will help satisfy the A+ Tutoring requirement of 50 ours.		

COURSE:	Office Aide	**GRADES ELIGIBLE:**	11-12
CREDITS/TYPE:	NO ACADEMIC CREDIT	**DURATION:**	Year
DESCRIPTION: Prereq: 2.667 GPA and office approval	Selected students' duties include using copy and fax machines, answering telephones, running errands, and helping in general office duties as needed. Office aides would be responsible and trustworthy with a good work ethic.		

COURSE:	Independent Study	**GRADES ELIGIBLE:**	
CREDITS/TYPE:		**DURATION:**	
DESCRIPTION:	Independent Study will be approved through the high school Principal's office ONLY. Independent Study is limited to those students who have specific scheduling problems or have been requested by a teacher to become involved in a specific program of study.		

COURSE:	Tutorial	**GRADES ELIGIBLE:**	9-12
CREDITS/TYPE:	1 unit elective	**DURATION:**	Year
DESCRIPTION: Prereq: Principal and Counselor approval	This course is designed for student who need academic assistance. Along with tutoring, students will be introduced to different approaches to note taking and study skills. The class size is limited to 12. Students who are eligible for this course will be selected by the counselor and high school principal.		

Credit Recovery: The high school has a program that utilizes the A+ALS computer courseware system for credit recovery. Students are selected for this program based on the number of required classes to be recovered so that the student may have the opportunity to graduate on time with their class. Juniorsand seniors are given priority to recover the credit from classes that have been failed.

Classification Policy: East Buchanan School District has adopted a retention policy. The number of credits a student has passed at the end of the school year will determine what the student will be classified for the next school year. It will be be necessary to have successfully passed the following number of credits to be classified and participate in the appropriate class activities:

- 0-6.5 credits Freshman (grade 9)
- 7-13.5 credits Sophomore (grade 10)
- 14-19.5 credits Junior (grade 11)
- 20 or more credits Senior (grade 12)

Students will not be permitted to participate in activities or attend class meetings restricted to members of other classes.

More Information…

Class Changes Policy

Student-initiated changes (with teacher/counselor approval) are allowed the first five days of school or of a new semester. Only administrative-initiated changes will be permitted after the fifth day of the semester.

Course Withdrawal

If a student withdraws from a class after the five day period without administrative/teacher approval, an F will remain on the transcript for that semester.

Financial Aid

Many scholarships and financial awards are available to deserving students. Most awards are based on either proven academic achievements and/or financial need. Students often must rank in the top 10% of the class to receive automatic scholarships from colleges. The student's ACT score often plays an important factor in award considerations. For families interested in applying for federal and state need-based money, "FAFSA" applications are available in the guidance office. Additionally, community-sponsored scholarships are awarded to our seniors. East Buchanan High School also utilizes computer scholarship programs and Internet scholarship searches. Students are always welcome to take advantage of these opportunities. The counselor is happy to provide assistance. Further information may be found at fafsa.ed.gov.