

THE PERMANENT RECORD

Although there are certain standards to be met before the granting of a high school diploma there are wide differences in the abilities of graduates. Employers, technical schools, colleges and educators have long been aware of this range of abilities. Additional information is frequently requested about a graduate when that student is considered for employment or admission to a college. Your permanent record maintained by the high school is the source for much of this requested information.

The permanent record shows your courses taken, grades earned, standardized test scores, cumulative grade point, rank in class, absences, tardies, and the dates you attended and withdrew from school.

The courses you take in high school are an important factor in being accepted for post-high school study or work. In the course selection process, it is important to consider potential vocations, research the requirements of these vocations and take courses which are required or seen as helpful. To allow yourself flexibility, it is wise to take courses which would allow you several alternatives.

Although a grade of "D" in a course gives the same credit toward graduation as an "A", the two grades represent widely different levels of achievement. It is this difference that employers and admission officers weigh as they evaluate you.

While you are in high school, you will take several standardized tests which measure your level of achievement, interest, and ability. Since the results become a part of your record, it is to your advantage to do the best you can.

One comment often heard as students review their record is "Did I miss that many days?" Your attendance is recorded and also becomes a part of your permanent record. Employers are very particular about the school attendance of prospective employees. As a rule, a student who missed more than 5% (or 9 days) of school per year may be considered a poor risk by a potential employer.

The permanent record reflects who you are. Make it the best you can. Since it may well give someone their first impression of you, it should be made to look as good as possible.

A copy of the permanent record is called a "transcript."

PASS/FAIL

Elective classes may be taken by juniors and seniors on a pass/fail grading system. These students are limited to earning a maximum of 3 credits (each semester class is worth 1 credit, so 3 credits could be earned on pass/fail during those two years). Students who elect to take a class pass/fail must fill out a form declaring their intention by Friday of the fourth week of the semester. If a student earns an "A" or "F" for a pass/fail course, the "A" or "F" will be recorded on the report card and the permanent record and count towards the student's GPA. If a student earns a "B", the student may elect to have the "B" recorded and thus it will count toward the GPA. Any other grade earned in this course (C or D) will be recorded as a "P" on the student's record and will not count towards the GPA. The normal grading scale will still be used by the classroom teacher and recorded in their respective grade book. Chorus, band, and PE will be graded strictly on a pass/fail basis for all students.

EAST CENTRAL COMMUNITY HIGH SCHOOL MILES, IOWA

To the Students:

This booklet has been prepared to help you with registration in the high school.

Carefully study this manual to make certain that you understand what will be expected of you in the courses you choose. Pay particular attention to the requirements for graduation and the description of courses that will help prepare you for future employment or higher education. A worksheet is included in this manual to help you do this. These materials will not be redistributed next fall.

Discuss your plan with your parents and teachers. It would be advisable if you and your parents studied this booklet together. Let them help you make tentative decisions as to what subjects to take, so that you may complete your high school program with the best possible background for future training and work experience.

Please note the admission requirements for the three state universities on page 2. Students must constantly be aware of classes that are required for admission to these universities. Good planning in your high school years will provide a better education for you and assist you in attaining your future goals.

The Guidance Department

EARLY GRADUATION POLICY

Generally, students will be required to complete the necessary course work and graduate from high school at the end of grade twelve. Students may graduate from high school at the end of grade twelve. Students may graduate prior to this time if they meet the minimum graduation requirements stated in board policy (50 credits). A student who graduates early will not longer be considered a student and will become an alumnus of the school district. However, the student who graduates early may participate in commencement exercises.

EDUCATIONAL EQUITY POLICY (Board policy 201.4, 401.4, 505.5 & 603.6)

It is the policy of East Central Community School District to provide equal educational and employment opportunities and to not illegally discriminate on the basis of gender, race, national origin, religion, age, marital status or disability in its educational programs, activities or its employment and personnel policies. Affirmative steps will be taken to integrate students in attendance centers, programs and classes on the basis of race, national origin, gender, or disability.

The District shall provide program activities, a curriculum and instructional resource which will reflect the racial and cultural diversity present in the United States and the variety of careers, roles and life styles open to both men and women in our society. One of the objectives of the district's programs, curriculum, services, and teaching strategies is to reduce stereotyping and to eliminate bias on the basis of gender, race, ethnicity, religion, age, marital status, and disability. These curriculum programs and services shall foster respect and appreciation for the cultural diversity found in our country and an awareness of the rights, duties, and responsibilities of each individual as a member of a pluralistic society.

It is the policy of the District to affirmatively recruit women and men, members of diverse racial/ethnic groups and persons with disabilities for job categories where they are under-represented. A fair and supportive environment will be provided for all students and employees regardless of their gender, race, national origin, creed, age, marital status or disability. Harassment of sexual nature or with demeaning intent related to race, national origin, gender, disability, age, marital status, or religion made from one employee to another, from an employee to a student or vice versa, and from one student to another is a violation of this policy.

Inquires of grievances related to this policy may be directed to Principal, East Central School, Miles, Iowa 52064, (319-682-7510), the Director of the Iowa Civil Rights/Commission in Des Moines, the Director of the Region VII Office of the United States Equal Employment Opportunity Commission Department of Education in Kansas City, Missouri. Inquires may also be directed to the Director, Iowa Department of Education, Grimes State Office Building, Des Moines, IA 50319

SPECIAL POPULATION STATEMENT

All students are encouraged to explore opportunities for post secondary education and/or vocational training. Students are encouraged to enroll in the vocational classes provided by the district. If you are in need of special services to help you benefit from these classes, please contact your high school counselor.

GENERAL SUGGESTIONS ABOUT PROGRAM PLANNING

One of the most important duties a student and their parents have in regard to the student's high school career is to make proper choice of subjects. Each year, it is necessary for you to evaluate your educational experiences of the past and come to some decision as to what experiences (courses and activities) would be most valuable to you in the high school year, or years, ahead. Each of you wishes to obtain the ideal education--that education which will insure you a happy and worthwhile life. Remember, that each of you is a different individual, and what experience may be best for your close friends may be totally inadequate for you.

Some of the subjects are required; that is, they must be taken by all students who expect to graduate from high school. These required subjects have been established by state law and the directors of the school board, as an educational framework for all high school students. Many of the subjects offered by East Central High School are electives and may be selected by the individual student to round out their high school course. It is with these "electives" that this booklet is primarily concerned because choices made in the elective areas are often the determining ones of the future educational and work possibilities for the student. The choice of electives should be determined by the following factors: (1) interests of the student; (2) what the student intends to be after completing high school. Too often a student selects subjects on the basis of likes or dislikes for a certain course rather than an intelligent analysis of his/her needs.

Every day the school receives recommendation forms or certifications from businesses or schools of higher education requesting information concerning students who are in school or have previously attended here. They wish to know about scholastic records, personality, behavior, reliability, and attendance as shown by your cumulative record. Because your school record counts for, or against, you all during your life, make certain that it is the best you can possibly compile.

Students that are interested in or planning on attending a college or university should take: 4 years of English, 3 years of social studies, 4 years of math, 4 years of science, 2 or 3 years of German/Spanish, a semester/year of computer technology, and a semester of humanities.

REGISTRATION REQUIREMENTS

Courses may be added/dropped during the first 4 schools days of a new semester. A year course may be dropped at the end of the first semester if the student is failing the class or upon the recommendation of the teacher and approval of the principal and guidance counselor. Students may not add a course after the first 4 days of a new semester. Students dropping a course must replace it with another, if necessary, to maintain the 6-7 course minimum. Any student dropping a course after the first 4 school days of the semester will automatically receive a failing grade (F) for the semester in that course. This includes band/chorus.

GRADUATION REQUIREMENTS

1. A student must earn 50 credits, 24 of these being required courses, the remainder being made up of electives.
2. Every student is required to carry a minimum of 6/7 academic subjects and physical education each semester. Students in band and chorus will carry 6 academic subjects. All other students will take 7 academic subjects plus PE.
3. The following are course requirements for graduation:
 - A. English
English 9, English 10, English 11, and English 12/Practical Communications
 - B. Science
Six semesters of science. Two semesters of Physical Science are required in the freshman year.
 - C. Social Studies
Two semesters of World History (10th grade), two semesters of US History (11th grade), and two semesters of American Government (12th grade).
 - D. Mathematics
Six semesters of mathematics. Minimum of Algebra I
 - E. Physical Education
Four years, eight semesters of physical education are required for all students. One-half (1/2) credit is granted for each semester completed. NO ATHLETIC exemptions will be granted.
4. Other Requirements:
 - A. Exhibit satisfactory traits in good citizenship.
 - B. Be recommended by the faculty.
 - C. Be approved for graduation by the Board of Education.
 - D. Have a passing grade (D) in all required subjects and have the correct number of electives, with passing grades, to add up to the minimum number of credits.
 - E. Have paid all dues, fines, or other financial obligations.
5. One credit = one semester of a course meeting five times in a two week period for 18 weeks
6. Students are allowed to take a maximum of seven academic courses, unless otherwise approved by Mr. McDonough.
7. Transfer students may be granted exemption from East Central graduation requirements if it is impossible to graduate on schedule because of different school requirements.

SAMPLE PROGRAMS

Career and General Program

If your goal is to get a high school diploma and to learn some life skills, you should choose a program which meets your interests and career plans. This requires some careful planning. Use the available career resource materials available in our school and consult your counselor, teachers, and parents as you make your educational plans.

Some good career resource materials are the Choices computer program, Occupational Outlook Handbook, and the Encyclopedia of Careers and Vocational Guidance. All of these sources are found in the library or the high school office, and they offer suggested course programs for high school students.

The following programs are only suggested programs. You do not have to follow any one particular program in order to graduate from East Central High School. These programs are offered only to help you decide on the program that is right for you. The guidance counselor and/or your teachers can help you make some decisions you'll need to make as you plan your high school career.

Those students who have interest in college or want high school to be a challenge might consider the following program:

9th Grade

English 9
Algebra I
Physical Science
PE

Recommended electives:
German/Spanish I, Computer II,III,
or choose from the list of electives

11th Grade

English 11
US History
PE
Required Math elective

Recommended electives: Algebra II,
Chemistry, Spanish/German III,
Psychology, Physics, Computer II,III,
IV,V, Minorities in History, or
choose from the list of electives

10th Grade

English 10
Geometry,Algebra I
World History
PE
Required Science elective
Recommended electives: German/Spanish II,
Biology, Computer classes, or choose from the
List of electives

12th Grade

English 12/Pract. Communications
Government
PE
Recommended electives: Adv. Math,
AP Calc., Physics, Physiology,
Spanish/German III/IV, Computer
classes or choose from the list of
electives

If you are considering a vocational program/employment following graduation you might follow the suggested program:

9th Grade

English 9
Integ Math/Algebra I
Physical Science
PE

Recommended electives: Computer Classes,
Intro to Ag, Family & Consumer Science
Classes, Exploring Technology, or choose
from the list of electives

11th Grade

English 11
US History
PE
Required Math elective
Recommended electives: Accounting,
Computer/Business Classes,AG
Classes, Indust. Tech classes,
Family&Consumer Science classes
choose from list of electives

10th Grade

English 10

Applied Math/Algebra I/Geom/Integ Math

World History

Required Science elective

PE

Recommended electives: Accounting, Computer

Classes, Family & Consumer Science Classes,

Industrial Tech Classes or choose from the

List of electives

12th Grade

English 12/Practical Comm.

Government

PE

Recommended electives: Acct,

Computer Classes, or choose

from a list of electives

BUSINESS EDUCATION

ACCOUNTING I: 1 credit per semester. Students learn the bookkeeping cycle from the simple to the more complex by completing problems. Vocational and personal bookkeeping systems are covered by learning about checking accounts, income taxes, debits, credits, accounts payable, accounts receivable, buying and selling merchandise on credit, depreciation, and payrolls. Two practice sets give a more realistic view of the computerized business world.

ADVANCED ACCOUNTING: (Prerequisite--Accounting I or equivalent competencies) 1 credit per semester. This class is a continuation of Accounting I, completing a review of the entire accounting cycle using a departmentalized business. The various aspects of accounting will be explored, including accounting adjustments, management and cost accounting, and not-for-profit accounting. The computer will be used throughout the year to show automated accounting principles. Dual credit is available through Clinton Community College.

OFFICE PRACTICE: 1 semester course - 1 credit. 1st semester. The semester is spent learning about the office and its new technologies. The students will learn professional communication (writing, speaking), correct filing procedures, business styles for letters, reports, and memorandums, and office etiquette.

OFFICE MACHINES: 1 semester course - 1 credit. 2nd semester. Students will learn to file, use the Dictaphone, use office software to complete a simulation, and the use of the electronic calculator. Practice sets will be used to show practical office applications.

PUBLICATIONS 1: (Recommended completing Computer II and III) 1 credit per semester. The yearbook and newsletter will be designed and published. A multimedia, interactive project will be designed for complimenting the yearbook. Taking pictures and shooting video is a requirement.

PUBLICATIONS 2: (Recommended completing Publications 1 and/or permission of the instructor) 1 credit per semester. Second year students will be responsible for yearbook developing, planning, organizing, production, and editing. The video yearbook will be compiled.

INTRODUCTION TO BUSINESS: Taught at NE. 1 semester course-1st & 2nd semester. Grades 9-12. This course will introduce students to the business concepts and skills required in today's marketplace. Students will gain an understanding of the business world and how to make business decisions in our global economy. This course will serve as a background for other business courses students may take in high school and in college, assist them with consumer decision-making, prepare them for future employment, and help them effectively perform their responsibilities as a citizen.

BUSINESS PRINCIPLES & MANAGEMENT: Taught at NE. 1 semester course-1st & 2nd semesters. Grades 10-12. This one semester course is designed to help students meet the challenges and opportunities of a rapidly evolving business world. Topics include: finance, marketing, communications, human resources, business ownership, and more. We begin building a solid foundation of established principles and practices, then we show students how to apply these principles and practices in the dynamic world.

MARKETING: Taught at NE. 1 semester course-1st & 2nd semester. Grades 10-12. This course views marketing from a manager's perspective. Topics covered include the external marketing environment, consumer buying behavior, and

marketing communications. Attention will be focused on understanding the role of marketing in business and in society, strategic marketing planning and applying strategic marketing to the real world.

COMPUTER

OFFICE APPLICATIONS: 1 semester course - 1 credit. Office Applications is a 1 semester course for 1 credit. Offered 1st semester. The program MicroSoft Office used for word processing, spreadsheet, graphing. Integrated projects will be completed to show everyday use of the knowledge. The camera, camcorder, scanner will be used with graphic editing (PhotoShop Elements, and a video editing program (iMovie) will be used. The internet will be explored, with search projects to be completed. This class works on Mac computers.

COMPUTER PUBLISHING & PRESENTATION: (Prerequisite—Computer II, Office Applications) A 1 semester class, for 1 credit. Offered 2nd semester. The students will complete integrated projects in desktop publishing (inDesign), presentation (PowerPoint), and drawing (FreeHand). This will include page layout, multimedia, Internet, and producing several individual projects which could be incorporated in other classes. This class works on Mac computers.

ADVANCED OFFICE APPLICATIONS: (Prerequisite—Computer III, Office Applications and Computer Publishing and Presentations) A 1 semester class, for 1 credit. Offered 1st semester. This class will be centered on the Office programs Word, Excel, Access (windows operating system), and PowerPoint. Dual credit is available from Clinton Community College. This class works on Mac computers, with a dual processor for windows.

WEB DESIGN: (Prerequisite—Computer IV, Advanced Office Applications) A 1 semester class, for 1 credit. Offered 2nd semester. The programs iMovie, GarageBand, Flash, and DreamWeaver will be introduced. Projects will be completed for podcasting, enhanced podcasting, vodcasting, animation, and designing web pages. The projects will be student designed, and involve critical thinking and decision-making skills. A final project will involve creating a multi-media product with the available programs. This class works on Mac computers.

COMPUTER APPLICATIONS I: Taught at NE. 1 semester course-1st & 2nd semester. Grades 9-12. Computer Applications I is a semester long course designed to make the student knowledgeable in the basics of Office 2003 applications. Units will include: Microsoft Word, Microsoft Excel, and Microsoft PowerPoint. This class is composed of step-by-step tutorials and integrated projects. This course serves as a prerequisite for Desktop Publishing and Web Design. This class works on PC's.

COMPUTER APPLICATIONS II: Taught at NE. 1 semester course-1st & 2nd semester. Grades 9-12. (Prerequisite Computer Applications I) This is a semester course for those students that want additional knowledge in Office 2003 and other computer applications. Units will include Microsoft MovieMaker, Microsoft PhotoStory and Microsoft Access. This course is a prerequisite for Web Design. This class works on PC's.

DESKTOP PUBLISHING: Taught at NE. 1 semester course-1st & 2nd semester. (Prerequisite: Computer Applications) This course is specially designed to provide instruction of desktop publishing and application practice on the computer using Microsoft Publisher. It will include step-by-step directions, projects, challenge exercises and will emphasize critical thinking and decision-making skills. Students will progress from simple to more complex applications which all reinforce desktop design concepts and specific software functions. Students will take part in a real-world business simulation entitled Frillio's Pizza, where they will take on the the role of a desktop publisher for the business. This class works on PC's.

WEB DESIGN: Taught at NE. 1 semester course-1st & 2nd semester. Grades 10-12. (Prerequisite Computer Applications I & II) This semester long course begins with an in-depth look at how the web works and progresses through basic HTML coding. The students are then involved in the actual process of designing effective web sites using the web design software Dream Weaver. This class works on PC's.

FINE ARTS

INSTRUMENTAL MUSIC: 1/2 credit per semester. The East Central Band is proud of their tradition of excellence and always strives to maintain high performance goals in all endeavors. The Instrumental Music Program at East Central provides music for many school and community functions. The marching band is responsible for various functions including home football games, Veteran's Day, and Memorial Day parades. The pep band provides music for all home basketball games. The concert band focuses on concert music in a wide variety of styles from classical, pop, Broadway, and band oriented works. This class is graded on a pass/fail basis.

VOCAL MUSIC: 1/2 credit per semester. There are two main choral performing groups: mixed chorus and swing choir which meet on "A" days. Extra rehearsals are held for swing choir and special events. The mixed chorus is required to perform in three concerts per year (Winter, Spring, and Pops), and the Bellevue Festival. Other optional activities include state small group contest, madrigal and chamber choirs, large group contest, voice lessons, and college-sponsored festivals. The swing choir performs at many outside school events. This class is graded on a pass/fail basis.

MUSIC HISTORY: (Prerequisite--2 years of high school band or chorus is strongly recommended)(Dual Credit Course) 1 credit per semester. This course will be offered for anyone interested in the history of music, with special application for those students who plan on attending college majoring in music or a related field. In addition, those students required to take a fine arts credit at any of the state colleges will find this course similar to the Music Appreciation class offered. Topics covered will include the Renaissance, Baroque, Classical, Romantic, and Modern periods in music with specific discussion on composers and their works.

This course satisfies a general education requirement in the Arts and Humanities Area, 3 Credit hours from Clinton Community College

ART

The art program is designed as an experience-oriented program to provide the student with a wide variety of experiences and challenges in the use of materials, techniques, concepts and an overall basic understanding of the part art plays in the history and cultures of our world. Art gives the students a creative outlet and a chance to learn through problem solving. Art class provides for the beginning learner or the accomplished artist/student. The art class is a place for the Art strengthened student to have success. Some students may not have academic strengths, but are very creative in the Arts. Art I and II are general courses to acquaint the student with a variety of art media and techniques. After some experience in various media the student can better understand his/her potential and decide if he/she wishes to delve deeper into any areas in later classes.

ART I: 1 credit per semester. Intro to many of the basic art techniques and materials, learning to look and record on paper what is going on in the world. Emphasis on drawing (pencil, colored pencil, ink, and mixed media) painting (colors, relationship to each other, water color techniques, and acrylic painting) and printmaking. Beginning ceramics-hand built pots and sculpture, wheel thrown pots and glazing. Explore careers in art, developing a project with design and layout. History, study of styles of various artists and the ways in which cultures record their lives through art. 1 sketch required weekly, test taken each semester.

ART II: 1 credit per semester. (Prerequisite-Art I) A continuation of Art I and a continuation of the basic art techniques, materials, and principles. Also an introduction to new methods and review of the old. Emphasis on improving drawing skills (introduction of figure drawing, charcoal, and pastel). Ceramics (advanced handbuilt pottery and sculpture, wheelwork, and glazing). Discover a variety of techniques and materials in the art of scratchboard. Introduction to calligraphy (visual interpretation) and design-emphasis on developing creative and unique ideas. History, study of styles of various artists and the ways in which cultures record their lives through art. Explore careers in art. 1 sketch required weekly.

ART III: 1 credit per semester. (Prerequisite-Art I and II) This course is designed for students interested in furthering their artistic skills and knowledge. Students must have discipline to work a great deal on his/her own and have a real interest in art. Advanced painting, drawing, ceramics, printmaking, adobe photoshop and textiles are areas that will be explored. Explore careers in art, developing a project based on environmental planning and development.

ART IV: 1 credit per semester. (Prerequisite-Art I, II, and III) Advanced work in ceramics and drawing. Introduction to a variety of crafts and unique art materials. Advanced work in painting thru a "senior tile". Students must be able to set their own goals and do research in order to better their skills and create unique pieces of art. Study of art history with a project based on your acquired knowledge! Explore careers in art, developing a work of art through photography.

FOREIGN LANGUAGE

GERMAN I: 1 credit per semester. The first course is designed to stimulate an interest and appreciation of the German language and culture. This is accomplished by learning the four skills of a language: understanding, speaking, reading, and writing. Any high school student, regardless of level, may take this course. Basic concepts will be taught, such as numbers, classroom objects, telling time, seasons, and geography.

GERMAN II: (Prerequisite--German I or equivalent skills) 1 credit per semester. German II is a continuation of German I, with emphasis on the skills of speaking and reading German. The text contains several dialogues and narratives, which provide for reading comprehension. Transportation, shopping, sports, and food are all points of discussion throughout the year. First and second year German are good courses for the college bound students.

GERMAN III/IV: (Prerequisite--German I & II or equivalent skills) 1 credit per semester. This course is designed for composition and conversation on the intermediate level. In each unit, scenes from everyday situations are presented. From these scenes, students create conversations and short compositions. Reading for comprehension is also included in this third year course. Units may include such topics as foods, animals, fairy tales, holidays and festivals, professions, and travel.

SPANISH I: Taught at NE. 1 credit per semester. The students practice the oral and written use of the language through the various thematic units-school, family, sports, shopping, travel, and so forth. The material presented on each theme is practical and useful; student will be able to make use of the vocabulary and cultural information if they ever travel or live in a spanish-speaking country. At the same time, the situations depicted in the units relate to students' everyday lives here and now. They will spend as much time talking about their own world as well as life in the Spanish speaking countries.

SPANISH II: (Prerequisite--Spanish I or equivalent skills) Taught at NE. 1 credit per semester. The student will review basic verb tenses and grammar used in Spanish I. Language skills are increased by the use of the language in every day situations. More emphasis will be placed upon skills to understand and speak the language.

SPANISH III: (Prerequisite--Spanish II or equivalent skills) Taught at NE. 1 credit per semester. A review of all tenses permits the student to reinforce his or her knowledge of the language. The student begins to study the subjunctive mood in both the present and past tenses. Language skills are developed as students actively participate in conversations and discussions. Students who are on a 4-year track are encouraged to take this course.

SPANISH IV: (Prerequisite--Spanish III or equivalent skills) Taught at NE. 1 credit per semester. This course completes the development of the four skills of language learning, listening, speaking, reading, and writing. Through continual practice and application students will enhance their knowledge of the Spanish language. Students who are on a 4 year track are encourage to take this course.

LANGUAGE ARTS

ENGLISH 9: 1 credit per semester. Required of freshman. Special attention is given to writing with emphasis on expository, narrative, and creative compositions, as well as personal journaling. There will be some selected readings in various genre. A workshop format is used to enhance individualized instruction. Vocabulary skills are developed with weekly units. There will also be emphasis on root words and public speaking.

ENGLISH 10: 1 credit per semester. Required of sophomores. The first semester consists of a speech unit with emphasis on communication skills and public speaking. Second semester consists of a research unit to familiarize students with the practical use of reference materials. There will also be some selected readings in various genre, and one novel will be taught in depth. Vocabulary skills are developed with weekly units.

ENGLISH 11: 1 credit per semester. Required of juniors. In this course, students read classical and contemporary American literature from various genres. The literature is arranged both chronologically and thematically. Students are motivated through student/teacher dialogue and small group activities that challenge them to critically analyze the meaning of literary works on different levels. Writing activities are also tied into the literary units—poetry and essays. Vocabulary and language instruction are incorporated in conjunction with the weekly assigned definitions and sentences.

ENGLISH 12: 1 credit per semester. Required of seniors. In this course, students read classical and contemporary English/World literature from various genres. The literature is arranged both chronologically and thematically. Students are motivated through student/teacher dialogue and small group activities that challenge them to critically analyze the meaning of the literary units—poetry, essays, and a research paper. Vocabulary and language instruction are incorporated in conjunction with the weekly assigned definitions and sentences.

ENGLISH COMPOSITION I: 1 semester course – 1 high school credit. 1st semester. (Preferences given to seniors) A writing and reading course designed to prepare the student for the types of written communication and thought essential to

the academic and working world. The general goals of Composition I are to have students gain more confidence in their writing abilities and improve their proficiency in critical reading and in writing non-fiction prose, with emphasis on narration, exposition, and persuasion. This is a dual credit course through Eastern Iowa Community College.

ENGLISH COMPOSITION II: 1 semester course – 1 high school credit. 2nd semester. (Preference given to seniors) An advanced writing and reading course focusing on logic in thought and communication. Emphasis is on reasoning and argument, research skills, and academic writing style. This is a dual credit course through Eastern Iowa Community College.

ENGLISH MEDIA I: Taught at NE. 1 semester course. Grades 9-12. In Media I students examine modern forms of print mass media including (but not limited to): yearbooks, magazines, and newspapers. It will focus on the influence, power, control, censorship, propaganda, advertising, and history of these forms of media. This course cannot be taken as a substitute for any literature requirement.

ENGLISH MEDIA II: Taught at NE. 1 semester course. Grades 9-12. In Media II students examine modern forms of electronic mass media including (but not limited to): television, movies, and radio. It will focus on the influence, power, control, censorship, propaganda, advertising, and history of these forms of media. This may be taken in conjunction with Media I, but it is not required. This course cannot be taken as a substitute for any literature requirement.

HEALTH AND SAFETY

DRIVER EDUCATION: no credit. Driver Education is an elective course. This course is taught with the purpose of teaching good driving habits, highway safety procedures, and care and operation of the automobile. This course consists of six hours of actual driving time and thirty hours of classroom instruction. Driver Education is offered in the summer only. Students must be 14 before June 1, and have a driver's permit for this class.

PHYSICAL EDUCATION: 1/2 credit per semester. Physical Education is a required four year two-semester course. A variety of individual and team activities are included. Physical Education provides an opportunity for students to improve their physical being. Students with a medical excuse will be asked to submit a written-research paper each quarter. PE will be graded on a pass/fail basis.

HEALTH: Taught at NE. 1 semester course-1st & 2nd. Grades 9 – 12. This is a course that is designed to help examine their state of total physical, mental, social well being, not just freedom from sickness and ailments. Health education is providing such information that can influence people to have choices about attitudes that they can make positive action(s) about their own health. Health is about gaining the tools to achieve and maintain total well being. It is our goal to help young people live long, zestful, and productive lives.

SOCIAL STUDIES

WORLD HISTORY: 1 credit per semester. Required of Sophomores. The course will consist of general concepts of World Geography, World History, American History, use of resources and related materials, and necessary terms and skills needed to prepare the individual for the upper level social studies courses. Portfolio projects will be completed throughout each course using library and computer resources, including Internet and CD Roms. This course will lay the foundation for the junior in American History and the senior in American Government.

UNITED STATES HISTORY: 1 credit per semester. Required of Juniors. U.S. History 1865-present is basically a survey oriented program with emphasis in the first semester on the Civil War, Reconstruction, Industrialization, and world events leading up to America's involvement in WW I. The first quarter is designed to give the student a basic knowledge of American society and culture after the Civil War. The second quarter deals with America's economic growth during Industrialization and its involvement in global events leading to WW I. The third quarter includes an examination of "The Roaring Twenties" and the economic factors which led to the Great Depression. The fourth quarter is a survey of contemporary U.S. history beginning with the New Deal, WW II, followed by an individual case study of the remaining four decades; the 50's, 60's, 70's and 80's. The course is designed to give students both a knowledge and an appreciation of his or her American history and the role we play in shaping the future. Students will be given the opportunity to conduct research on many of the above topics, using Internet and CD Rom resources.

AMERICAN GOVERNMENT: 1 credit per semester. Required of Seniors. This course attempts to relate our government to the student. It stresses the organization, power, functions, and actual workings of our Legislative, Judicial,

and Executive branches of government. This is accomplished through the means of class lectures, movies, and activities which tie into our everyday life. The Internet and CD Rom technology will also be used to conduct research on political candidates, parties, and issues. Approximately nine weeks are spent on the study of economics with emphasis on consumer economics.

THE HISTORY OF WOMEN IN AMERICA: 1 semester course. (Grade 11-12 or with Principle/Instructor approval) Taught 10-11. This elective American history course helps us understand the role of women in early colonial times to the civil war, new amendments were added to the Constitution guaranteeing women's rights. However, women were denied the right to vote by the U.S. government until 1920 when the 19th amendment was passed. The course will concentrate on the contributions of women to American society including their service during wartime and the fight for gender equality in education, careers, and family. The course will help people understand that like the African American, they have had to overcome great challenges to gain equality in our American culture.

AMERICA AT WAR: 1 semester course. (Grade 11-12 or with Principle/Instructor approval) Taught 10-11. America at War is an elective course for students that are interested in the military involvement of the United States. Part 1 of America at War (1776-1900) will focus on: The Revolutionary War, War of 1812, Mexican-American War, Civil War, Spanish-American War. Students will be required to keep a portfolio of each war. Throughout history the United States has defended freedom around the world and this course will look at why we have gotten involved. In the second part of the class (1900-present day), we will begin studying the United States' military involvement in the early 20th century. Wars we will look at include: World War I, World War II, Korean War, Vietnam War, Gulf War, War on Terrorism. Students will be required to keep a portfolio of each war. Part 2 will deal with more current involvement of the United States.

AFRICAN AMERICAN STUDIES: 1 semester course – 1 credit. 1st semester. (Grade 11-12 or with Principle/Instructor approval) Taught 09-10. (Prerequisite—World History strongly recommended). This elective course in American history introduces the student to the history of African Americans from the early 1600's to the present. The course will concentrate on the American colonies through the slave expansion in the antebellum south. After the Civil War the KKK emerges during reconstruction blocking the freedoms many African-Americans had thought they earned in the 13th, 14th and 15th Amendments. The Jim Crow Laws and Black Codes will haunt our American culture up until the end of World War II when Truman integrates the military and Jackie Robinson integrates professional sports. This movement will lead to the work of such famous African Americans as Martin Luther King, Malcolm X, Rosa Parks, and many others. The course will look at the progress of the modern day African American in the forms of racial, social, and economical equality.

AMERICAN SPORTS HISTORY: 1 semester course – 1 credit. 2nd semester. (Grade 11-12 or with Principle/Instructor approval) Taught 09-10. (Prerequisite—World History strongly recommended). This elective in American history researches the history of sports in America ranging back to the Native Americans and the earliest forms of sport in the colonial times. At the time of civil war baseball is invented, creating a desire for new forms of athletic competition. The course covers the origin and current history of baseball, basketball, bowling, boxing, cycling, football, golf, softball, tennis, track, volleyball, and wrestling. Athletic competition has helped shape America in the fight for civil rights and equal opportunities for other minorities.

PSYCHOLOGY: Taught at NE. 1 semester course. 1st or 2nd semester. Grades 9-12. Dual Credit Course. This course is designed to introduce the student to the basic concepts and theories in psychology today. A more in depth study will be done on personality development, mental illnesses, and other problem areas as identified by students. This course satisfies a general education requirement in the Social Sciences Area, 3 Credit hours from Clinton Community College after completion of one year."

WORLD CULTURES: Taught at NE. 1 semester course-1st semester. Grades 9-12. This course is a social studies elective available to all high school students. This course acknowledges the cultural diversity of the world and sees this diversity as a positive fact of life. The course strives to provide students with a more complex understanding of and more sensitivity to issues of diversity. The course is divided into five regional units. In each unit students will learn about the regions traditions, economics, daily life, literature, religion, arts and the role of the region in the world today.

CONTEMPORARY WORLD PROBLEMS: Taught at NE. 1 semester course-2nd semester. Grades 9-12. This is a course giving emphasis to the economic and political problems of the United States in its role as a member of the world community. Students will research probable causes and try to reach solutions based upon their research.

INTRO TO LAW: Taught at NE. 1 semester course-2nd semester. Grades 9-12. This semester long course will take students through today's legal system. Students will experience a wide range of topics. From due process rights to laws concerning relationships between people, family law, and laws for consumers, the basic principles of law will be covered. Mock trials, case studies and exploration of actual court cases make this course exciting as well as educational.

FAMILY AND CONSUMER SCIENCES

LIVING SKILLS: 1 semester course – 1 credit. 1st semester. Successfully living on your own after high school is the goal of all teens. We will “sharpen” your skills in the following areas: recognizing and reaching your potential; managing your resources of time, energy, and money; personal health; food basics; clothing care; and building and maintaining relationships. We will explore the changes and challenges that go along with moving into the adult world

PARENTING AND CHILD DEVELOPMENT: 1 semester course – 1 credit. 1st semester. The dual focus of this class is on parenting as well as the growth and development of the infant. Principles for good parenting are included as you learn about the care and nurturing of children from birth through 1 year of age. One of the required activities will be to become a parent to “Baby” for 2 days. Other activities with area preschools and early childhood education may be included depending on scheduling issues.

CLOTHING DECISIONS & CONSTRUCTION: 1 semester course – 1 credit. 2nd semester. Choosing just the right outfit for a job interview can make you stand out from the other candidates. Understanding how to choose just the right styles and color for you are important parts of this process. Some background history on fashion, fabric, and the clothing industry will be included. A minimum of two individual sewing projects will be part of the required curriculum. Whether you learn to construct a garment, repair something, or make decorative accessories for the home, this can be a fun as well as useful skill that could turn into an occupation.

WORLD OF WORK: 1 semester course – 1 credit. 2nd semester. All students will someday be entering the world of work. Finding a job that suits the individual's interests, abilities, and capabilities is a very important process. Preparing a resume and other handy informational documents for a job interview are just a few of the things that are done to prepare you for the world of work. This class is helpful to college bound students as well as those who are looking at vocational occupations.

FAMILY LIVING: Taught at NE. 1 semester course. 1st Semester. Grades 10-12. This course is open to students in grades 10-12. Family Living is a great course for all students to learn more about themselves and how to improve their relationships with family and friends. Other topics covered include decision making, managing work and family life, dating, loving relationships, sexuality, and preparation for marriage.

FOODS & NUTR. I: Taught at NE. 1st semester. F&N I is a semester course open to all students grades 9-12. It is a prerequisite for Foods & Nutrition II. The course includes a study of nutritional needs, measuring, recipe reading, kitchen equipment and tools, and microwave cooking. Students will study and prepare a variety of foods including: fruits, grains, quick breads, salads, cookies and pastries, vegetables, soup, and casseroles. There is a \$10.00 fee for F&N I. This is an excellent course to prepare you for cooking for yourself and your family. It is also the first course in a three year sequence in occupational food production and services.

FOODS & NUTR. II: Taught at NE. 2nd semester. Foods & Nutr. II is open to all students 9-12 who have completed F&N I. Students will study and prepare a variety of foods as a continuation from F&N I. Foods studied include: milk, cheese, eggs, cakes, frostings, yeast breads, meat, poultry, and fish. Emphasis will be placed on technology, planning, food buying, kitchen design and organization, and table service. There is a \$10.00 fee for F&N II. This is the second semester in a three year sequence in occupational food production and services. It is also an excellent course to prepare you for cooking on your own.

FOOD PRODUCTION I: Taught at NE. 1st semester. Grades 10-12. Food Production I is a semester course open to students who have completed Foods and Nutrition I & II. Students will learn the opportunities available in food related careers and study quality cooking. Topics covered include eating smart and eating healthy, welcome to the food service kitchen, healthy heart cooking, keep it safe and clean, what is for breakfast and brunch?, garnishing pizzazz, and regional and foreign favorites. Students will spend a lot of time cooking. There is a \$10.00 lab fee for Food Production I.

FOOD PRODUCTION II: Taught at NE. 2nd semester. Grades 10-12. Food Production II is open to students who have successfully completed Food Production I. This course continues to study professional food preparation techniques. Units covered are how to plan meals and control costs, salads and sandwiches from the pantry, let's make it hot, fast foods, the bakery and beverages, and a restaurant simulation. Students will spend a lot of time preparing food. A \$10.00 Lab fee is charged for Food Production II.

C.O.R.E.: Taught at NE. 1 semester course-1st and 2nd semester. Grades 9-12. CORE (Career and Occupational Related Education). Students will learn job getting and keeping skills, leadership, entrepreneurship, career choices, money matters, and computer applications in an effort to prepare them to live and work independently.

INDUSTRIAL TECHNOLOGY

WOODS I: Taught at NE. 1 semester course-1st and 2nd semester. Grades 9-12. In the Woods I course students will learn how to use basic woodworking equipment safely while producing a variety of products. Topic of study will be wood identification and characteristics, price calculations, developing a plan of procedure, woodworking joints, metal fasteners, sanding, and finishing. (Lab Fee \$4.00 plus material).

DRAFTING I: Taught at NE. 1 semester course-1st and 2nd semester. Grades 9-12. Drafting is a universal industrial language which is used to change abstract ideas into graphic information that can easily be understood. Emphasis in general drafting will be on basic drafting techniques, types of drawings, and developing "graphic visualization." Drawings will be assigned to expose students to project drawings, sheet metal patternmaking, detailing, and fitted assembly drawings. Finally, students will select a project which includes a series of working drawings that could be used in typical shop. Students wishing to continue their studies in Drafting may qualify for several articulations agreements to post secondary institutions. Lab fee \$4.00 plus materials.

DRAFTING II: Taught at NE. 1 semester course – 1st & 2nd semester. Grades 9-12. Drafting II is an independent study course that is arranged with the instructor. Students will use a computer and computer aided drafting software (AutoCAD) to draw various objects. There will also be an exposure to basic architectural drafting. Students wishing to continue their studies in Drafting studies after high school may qualify for several articulation agreements to post secondary institutions. Lab fee \$3.00.

PRINCIPLES OF TECHNOLOGY I: Taught at NE. 1 credit per semester. Grades 9-12. This course is designed to help students develop an understanding of modern principles of technical/industrial processes and systems. Mathematics and applied science will be studied through the combination of classroom activities and laboratory activities. Principles of Technology is intended to strengthen math and science skills. It is recommended that underclassmen have completed Algebra I. With successful completion of this course, students may qualify for several articulation agreements to post secondary institutions.

PRINCIPLES OF TECHNOLOGY II: Taught at NE. 1 credit per semester. Grades 10-12. Principles of Technology "Year Two" builds upon Principles of Technology "Year One". Although it will follow the same format as Principles of Technology I, there will be several new and challenging topics of study. Also, there will be new lab activities designed to help students better understand current technologies. With successful completion of this course, students may qualify for several articulation agreements to post secondary institutions.

ELECTRICITY/ELECTRONICS I: Taught at NE. 1 semester course-1st & 2nd semester. Grades 9-12. The principles of electricity will be emphasized in this course covering the basic concepts of power sources, Ohm's law, power consumption, and residential wiring. Typical classroom activities will include topic discussion followed by experiments. Students will develop skills in using power supplies and analyzing equipment. Algebra basic background is suggested, but not required. Electricity/Electronics I must be taken prior to taking Electricity/Electronics II. Lab Fee \$3.00.

ELECTRICITY/ELECTRONICS II: Taught at NE. 1 semester course-2nd semester. Grades 9-12. This is an advanced course covering a broad range of electronic concepts and components. Electricity concepts to be examined include: network theorems, AC voltage, frequency, inductance, capacitance, reactance, and an introduction to semiconductors. Lab Fee \$5.00. With successful completion of this course, students may qualify for several articulation agreements to post secondary institutions.

WELDING: 1 semester course – 1 credit. (Dual Credit Course) Grades 11-12. Welding is a course which is set up to give students as general understanding of metals as it applies to today's industry. Content to be covered will include basic welding, basic oxy-acetylene operation and project construction. Enrollment is limited.

AGRICULTURE

AG SCIENCE I: Taught at NE. 1 credit per semester (Freshman level). This course is an introductory course in Agriculture Education designed for students who have an interest in agriculture. Interested upperclassmen may also enroll. The major emphasis of Ag Science I is animal science. Subject matter areas include: Introduction to ag science and the FFA, swine production, sheep production, dairy production, beef production, farm carpentry, farm and ag business record keeping, leadership development, and career opportunities in agriculture.

AG SCIENCE II: Taught at NE. 1 credit per semester (Sophomore level). Emphasis in this course is agronomic sciences (crop and soil science). Subject matter areas will include: corn, soybean, oats, forage production, horticulture, soils, conservation practices, farm safety, arc and gas welding, ag metals, SAE project records, and parliamentary procedure.

ADVANCED ANIMAL SCIENCE: Taught at NE. 1 semester course –1st semester (pre-requisite Ag. Science I). Grade 11. Advanced animal science is a course open to any students who have completed Agriculture I. This course is intended to stress the importance of animal nutrition, animal reproduction, genetics, livestock health, meat identification and composition, SAE project records, and aquaculture.

AGRICULTURE OCCUPATIONS: Taught at NE. 1semester course –2nd semester (pre-requisite Ag I). Grade 11. This course will focus on job seeking skills needed in agriculture. Emphasis will be given careers in agriculture, ag sales, job interviewing skills, SAE project recordbooks, and natural resource management.

HORTICULTURE I: Taught at NE. 1 semester course-1st and 2nd semester. Grades 9-12. Horticulture I is an introductory course which meets everyday for one semester. This course is open to all students in grades 9 -12. Horticulture I will be a laboratory based class with emphasis being placed on careers in Horticulture, plant growth and propagation, and greenhouse management.

AGRICULTURE DECISION MAKING: Taught at NE. 1 semester course-1st semester (pre-requisite - Ag I). Grade 12. Ag decision making is a course which emphasizes the importance of making sound business decisions. The course will stress introduction to ag business management, marketing, recordkeeping, financial analysis, ag law, ag business organizations, SAE project recordbooks, and international trade.

AGRICULTURE BUSINESS MANAGEMENT: Taught at NE. 1 semester course –2nd semester (prerequisite - Ag Decision Making). Grade 12. This course is an advanced level course in ag business management. Subject matter includes budget analysis, cash flow analysis, marketing, investment analysis, taxes, SAE project recordbooks, and computer applications.

MATHEMATICS

CONSUMER MATH: 1 credit per semester. A course designed for high school students who have a basic grasp of mathematical computation, but require additional instruction for applying these skills as a wise consumer. Instruction will cover a variety of consumer-oriented applications. A software application program will be used as part of the coursework.

INTEGRATED MATH: 1 credit per semester. Integrated Math is a course that is designed to provide students with a strong foundation in all mathematical areas. This course is designed for students who have completed Connected Math at the 8th grade level and do not wish to enroll in Algebra I at this time. Completion of this course will prepare students for Algebra I or subsequent math courses. Enrollment consideration will be given to 9th grade students.

PRE ALGEBRA: Taught at NE. 1 credit per semester. Grades 9 or 10. This course will provide an in-depth presentation of the prerequisite skills concepts and problem solving processes needed to help students become comfortable with and be successful in algebra. This course will also develop basic mathematical skills and introduce the students to practical problems which are relevant to everyday living. The topics covered in this course include: addition and subtraction, multiplication and division operations with decimals, number theory, operations with fractions, integers, sentences with integers, ordered pairs and graphing, rational numbers, ratios and percents, geometry, measures, area and volume, probability, squares and square roots.

ALGEBRA I: 1 credit per semester. Its key concept is the use of the “variable” to replace a number. The use of the variable in the mathematical tasks of simplifying expressions, factoring, equation solving, and problem solving-applications is the integral part of the course. The computer program “Cognitive Tutor” will be used extensively. The ideas of algebra are a must for anyone who plans to go on to a school of higher learning. It is also necessary for anyone who wishes to pursue any training related to science or mathematics.

GEOMETRY: Taught at NE. 1 credit per semester. Grades 10-12. This course is developed to introduce the fundamental concepts of geometric skills and to apply the understanding of geometric concepts to real life situations. Geometric concepts are introduced intuitively by drawing upon student’s past experience with geometry in real life.

INVESTIGATIVE GEOMETRY: Taught at NE. 1 credit per semester. Grades 10-12. This course is intended for those students not planning to pursue higher level math courses.

ALGEBRA II: (Prerequisite—Algebra I and Geometry). 1 credit per semester. It is a course designed for those who have successfully completed Algebra I and have found they enjoy working with abstract numbers and ideas of Algebra. The basic concepts of Algebra I are extended and new topics such as logarithms, probability, trigonometry, and sequences and series are introduced. This course is a must for anyone who plans to take college training or who wishes to continue the study of mathematics as a hobby or profession.

PRE-CALCULUS: Taught at NE. 1 credit per semester. Grade 12. A senior course designed to give students the necessary background to succeed in college and many technical school training programs. Any student who has completed Algebra II needs this course to solidify concepts already introduced and to continue his growth in logic analysis. Topics to be covered depend upon individual achievement. The scope is limitless.

CALCULUS: Taught at NE. 1 credit per semester. Grade 12. This course is designed for seniors who wish to take the advanced placement calculus exam. Topics to be covered include limits, derivatives and techniques of differentiation and integration. This year course will cover approximately one and one-half semesters of college calculus.

The student planning on attending a four year college or university should follow this sequence in mathematics: Algebra I, Geometry, Algebra II, Pre-Calculus or Calculus.

SCIENCE

Science is an important part of our daily lives. It is also important because it teaches us to think, resolve problems, and understand the science concepts necessary to cope with problems in everyday life. With increased jobs in biotechnology, science courses have become more important for the job market.

PHYSICAL SCIENCE: 1 credit per semester. Required of Freshman. Physical Science is a practical study of the relationship between matter and energy. Physical laws and chemical processes are presented through applications that are current and meaningful.

LIFE SCIENCE: 1 credit per semester. Life science is a year long basic biology course. It is designed for the student to explore and perform activities on topics such as characteristics of living things, classifying organisms, the scientific method, bacteria, plants, human body systems, and human health. This course is not intended to meet the biology requirement of the college-bound student.

BIOLOGY: 1 credit per semester. Biology, the study of life, is important to understanding our surroundings and is a very challenging field of study. This course will focus on concepts concerning life functions and characteristics. Most four year colleges require some science, this courses’ aim is to prepare students for continued studies in science related fields.

ENVIRONMENTAL SCIENCE: Taught at NE. 1 credit per semester. Grades 11-12. Environmental Science concentrates on the background information necessary to understand the interactions of organisms with their environment. Included in this course are close looks at the ecological principles that govern that interaction: ecosystems and how they work, nutrient cycles, climate and biomes, population and community dynamics, including human population, biodiversity and food resources. Discussions on the environmental issues surrounding these topics, and the politics and economics of use, preservation and management of our biological and earth resources will be emphasized.

CHEMISTRY: Taught at NE. 1 credit per semester. Grades 11-12. This course is concerned with the study of the relationship between the structure of substances and the properties they exhibit and is recommended for the serious student. The student will learn most of the basic concepts of chemistry and also gain much practice and skill in the handling of the calculations and mechanics of chemistry. Some reasoning ability is a must and a strong background in mathematics is recommended (especially algebra).

PHYSICS: Taught at NE. 1 credit per semester. Grade 12. This is an advanced technical course designed to help us understand the physical world around us. It develops practical concepts to help one understand how mechanical and electronic devices, that are a part of our everyday lives, operate. It is also a necessary background course for many technical and professional fields using the concepts already developed in algebra and geometry.

ADVANCED CHEMISTRY: Taught at NE. 1 semester course-1st semester. Grade 12. This course is a continuation of the concepts presented in the first year of chemistry. Additional concepts covered include oxidation-reduction reactions, electrochemistry, and the chemistry of metals and non-metals. Nuclear chemistry will also be discussed, a special emphasis will be placed on the chemistry of organic compounds.

ANATOMY/PHYSIOLOGY: Taught at NE. 1 semester course-2nd semester. Grades 11-12. This course would be a continuation of biology topics not extensively covered in the first biology course. Emphasis will be on human biology and ecology.

The Applied Biology courses are general courses organized to enhance students' enjoyment and use of plants, animals, microscopic organisms and our local environments.

APPLIED BIOLOGY 1: (Prerequisite—Physical Science) 1 semester course – 1 credit. 1st semester 10-11. A one semester course covering the structure and functions of plants. This is an experimental class allowing the students to study and then run labs over the material studied. The course will cover various plants and their uses, methods of plant reproduction, conditions that affect plant growth such as soil, nutrients, water, etc. various economic uses of plants, methods for increasing plant growth and production.

APPLIED BIOLOGY 2: (Prerequisite—Physical Science) 1 semester course – 1 credit. 2nd semester 10-11. A one semester course covering the structure and function of animals. This is an experimental class allowing the students to study and observe the various systems, habits, and uses of animals in our everyday life.

APPLIED BIOLOGY 3: (Prerequisite—Physical Science) 1 semester course – 1 credit. 1st semester 09-10. A one semester course covering the outdoor environment. The students will learn about various biomes with special emphasis on our own prairie and other local environments. The student will learn about the various animals, plants and inorganic material that affect these biomes.

APPLIED BIOLOGY 4: (Prerequisite—Physical Science) 1 semester course – 1 credit. 2nd semester 09-10. A one semester course covering Applied Biology 1, 2, and 3 topics. This class recognizes the fact that biological problems often require plant, animal, and ecological knowledge in order to be fully understood.

Students planning to attend a four year college or university (especially if considering a science or science related field) should follow the sequence of: Physical Science, Biology, Chemistry, Physics and/or Physiology.

ADDITIONAL CLASSES OFFERED AT NE

ENGLISH

ENGLISH 9: Taught at NE. 1 credit per semester. This is a course in basic grammar, usage, writing and literature. There will be units on parts of speech, phrases and clauses, sentence structure, paragraphs, poetry, short stories, drama, epic tales and novels. There will be reading, writing, listening, and film viewing to be evaluated.

ENGLISH 10: Taught at NE. 1 credit per semester. English 10 is a continuation of the skills introduced in English 9. The course is literature-based familiarizing students with a variety of short stories, novels, nonfiction works, poetry, drama, legends and humorous selections. Along with reading, students will also be engaged in the writing process producing

essays, letters, critical responses, reports, and research projects. Opportunities for public speaking are incorporated into the class. Grammar, usage, spelling, and vocabulary skills are also regular components of the course.

ENGLISH-AMERICAN WRITINGS: Taught at NE. 1 credit per semester. Grade 11. This one year course combines American literature from a variety of eras, authors, and genre with different student initiated writings. Student writing activities include journaling; generating ideas; clarifying purpose, developing thesis statements, and composing a research paper along with descriptive, expository, and persuasive essays.

ENGLISH-WORLD LITERATURE: Taught at NE. 1 credit per semester. Grade 12. This course is highly recommended for the college-bound student. This course examines the highlights of the history, cultures, literature, music, and art throughout the world. Units covered in this course include the Ancient world, the Eastern cultures (Japanese, Chinese, East Indian, Arabian), the Greeks, the Romans, the Medieval Age, the Renaissance Age, the ages of Rationalism, Romanticism, Realism, through the Contemporary Age. Students will be required to read, digest, take notes, think, research, write, and give oral reports.

SOCIAL STUDIES

AMERICAN HISTORY: Taught at NE. 1 credit per semester. Grade 11. United States History is a one-year course required of all students in the junior year. Beginning with 1865, the course traces the social, economic and political development of the United States to the present.

AMERICAN GOVERNMENT/ECONOMICS: Taught at NE. 1 credit per semester. Grade 12. This course is required for graduation. American Government/Economics is a one year course. The national government is covered during the first nine weeks. Special attention will be given to how the citizen can influence legislation during this time. The second nine weeks covers state and local government with special attention given to the citizen's role in "grass roots" politics and local government. The purpose of second semester Economics will be to introduce the student to the fundamentals of economics. A special unit in economics will deal with taxes and computing them.

WORLD HISTORY: Taught at NE. 1 credit per semester. Grade 10. This two semester course is a Social Studies requirement for all sophomore students at Northeast Community Schools. There will be a balanced presentation of western, non-western, and Latin American History. Substantial material on art and architecture, and everyday life is included, as well as material on political and economic history. A wide variety of materials, such as source readings, geography drill sheets, activities, plays, etc. will be used to teach important concepts and make the learning process a pleasurable experience.

MATHEMATICS

ALGEBRA I: Taught at NE. 1 credit per semester. Grades 9-12. Algebra I is designed to develop logical thinking and to expand the knowledge of mathematical principles. The course emphasis is placed on problem solving. The objective is to give the students a better knowledge of the number system. The familiar concepts of arithmetic and previously introduced algebraic concepts are consistently used to introduce new concepts. An attempt is made to establish the necessary manipulative skills of algebra and to improve needed skills in arithmetic.

ALGEBRA II: Taught at NE. 1 credit per semester. Grades 10-12. This is a follow-up course for students who have been introduced to geometry and algebra I. It is a necessary course for practically all technical and many professional careers. Topics to be covered include: first and second degree algebraic functions, logarithmic and exponential functions, real and complex numbers, trigonometric functions, and a complete treatment of factoring.

SCIENCE

PHYSICAL SCIENCE: Taught at NE. 1 credit per semester. Grade 9. This course is a general review of the study of nonliving environment in which humans exist. Students will become aware of the forms of matter and energy that make up the physical universe. The text and investigations are used to build science concepts. In reviewing these concepts students will develop the learning processes of observing, measuring, hypothesizing, interpreting and predicting.

BIOLOGY: Taught at NE. 1 credit per semester. Grade 10. Biology is the course intended to be the more challenging of the sophomore science courses. The text is at grade reading level and proper study habits must be used if the student intends to be successful. The college bound student should elect this course. The course consists of lecture, lab, and video

presentations. Evaluation consists of quizzes and chapter tests. The goal of the course is to establish knowledge of the world of life around us.

BUSINESS EDUCATION

ACCOUNTING: Taught at NE. 1 credit per semester. Grade 10-12. This is a good course for those who want to get a job in the accounting area upon graduation from high school, as well as those planning to take college accounting courses. Accounting includes basic accounting theory and principles but places main emphasis on the bookkeeping or recording phases of accounting. Some of the units covered during the year include the fundamental accounting equation, the basic steps of the accounting cycle for service and retail businesses, special problems included in the purchase and sale of merchandise, notes and interest, depreciation, accruals and prepaid items, payroll record, income tax, partnerships, and corporations.

ACCOUNTING II: Taught at NE. 1 semester course. Grades 11-12. This is a one semester course open at all students that have completed a full year of Accounting. Students will be transferring their accounting skills over to an automated accounting system. With Automated Accounting Software, students will do all transactions and other basic accounting procedures on the computer. This is a great course for those that plan to pursue a career in accounting or plan to take some college accounting courses.

FINE ARTS

BASIC ART: Taught at NE. 1 semester course. 1st or 2nd semester. Grades 9-12. This is a one semester course, and a pre-requisite for all high school art courses. It is a basic studio orientation and utilizes the elements and principles of art necessary for a basis of understanding in all courses. Basic Art also prepares the student in lifetime art skills. Drawing, art criticism, and basic design will be stressed. The program includes two and three dimensional experiences in a variety of art media including portrait drawing, hand built and wheel pottery, computer graphics, and oil or acrylic painting. Weekly sketches are required. Supply fee is \$8.00, and students will need to purchase a sketchbook in addition to the fee.

PAINTING AND DRAWING: Taught at NE. 1 semester course. 1st or 2nd semester. Grades 9-12. Basic Art is a pre-requisites to this course. It will involve nine weeks of drawing and nine weeks of painting. A rigorous drawing course will contain design elements, art criticism, contour, gesture, line and tonal drawing, human proportion, figure drawing, computer graphics, and pen/ink wash. This should be a strong compositional background to improve the quality of work in any other art media. The painting quarter will feature work in watercolor, tempera, oils, acrylics, and silkscreen printmaking. After several required projects the student shall provide creative subject matter. Weekly sketches are required. A supply fee of \$10.00 includes one painting board, and reasonable amounts of oils and acrylics. In addition, if oils are used, turpentine must be paid for by the student.

POTTERY AND DESIGN: Taught at NE. 1 semester course. 2nd semester. Grades 9-12. Basic Art is a pre-requisites to this course. This course will involve pottery for nine weeks and a combination of 3-D and other media for nine weeks. Covered in pottery will be the complete handling of clay from mixing and preparation, hand-building, sculpture, and wheel thrown forms, to glazing, loading and firing the kiln. The second nine weeks will cover several selected media such as plaster sculpture, mask making, batik, mirror etching, other crafts chosen by the class. Computer graphics and silkscreen printmaking will also be emphasized. Some materials will need to be provided or purchased by the student. The supply fee is \$10.00 and includes use of school glazes, and some clay and crafts materials. This could be an expensive course if the student purchases many pre-mixed bags of clay at \$7.00, mirrors, stained glass materials, or other items.

ADVANCED ART PORTFOLIO: Taught at NE. 1 semester course. Grades 10-12. Students of art who exhibit high interest and abilities in their area, (**an ability to work independently**) and who indicate they will prepare for an art career, may apply to be accepted into Advanced Art - Portfolio. Approval for admission into this class must be given by the art instructor and high school counselor. Course material will be selected on an individual basis. Supply fee is \$10.00 (+) depending on materials to be used.

PAINTING AND DRAWING II: Taught at NE. 1 semester course. 1st or 2nd semester. Grades 9-12. Painting and Drawing is a pre-requisite to this course. This course is an extension of Painting and Drawing, yet provides opportunity for the student to work on more challenging projects at a more advanced level. Units introduced may include: calligraphy, silkscreen printmaking, and further projects in computer graphics. Weekly sketches are required. A supply fee of \$10.00 includes one painting board, and reasonable amounts of oils and acrylics. In addition, if oils are used, turpentine must be purchased by the student.

POTTERY AND DESIGN II: Taught at NE. 1 semester course. Grades 9-12. Pottery and Design is a pre-requisite to this course. This course is an extension of Pottery and Design, yet provides opportunity for the student to work on more challenging projects at a more advanced level. Other units may include: selected craft projects, stained glass, silkscreen printmaking, and further projects in computer graphics. A supply fee of \$10.00 includes use of school glazes, and some clay and crafts materials. This could be an expensive course if the student purchases many bags of clay at \$7.00, mirrors, stained glass materials, or other items.

FAMILY AND CONSUMER SCIENCE

CHILD DEVELOPMENT: Taught at NE. 1 semester course. 2nd semester. Grades 10-12. This course is for any student interested in being a parent and learning more about the development of children from conception to adolescence. Parenting is the biggest responsibility many people have in life, yet it is a responsibility that they may have the least training for. Prepare yourself by learning the process of parenting, and how adults and other caregivers are influenced by the children in their lives.

IND. LIVING: Taught at NE. 1 semester course. Grades 11-12. Independent living is to prepare you for life on your own. Basics concerning housing, clothing, food, finances, and transportation will be stressed. If you have not had the opportunity to take a Family and Consumer Sciences class, this one is for you!

INDUSTRIAL TECHNOLOGY

WELDING: Taught at NE. 1 semester course. 1st or 2nd semester. Grades 9-12. Welding is a course which is set up to give students a general understanding of metals as it applies to today's industry. Content to be covered will include basic welding, basic oxy-acetylene operation and project construction. Enrollment is limited to 10 students.

ADDITIONAL CLASSES OFFERED AT PRESTON

ENGLISH

PRACTICAL COMMUNICATIONS: 1 credit per semester. Grade 12. This class is designed for those who plan to go directly to work or to technical school of some sort after high school. Emphasis is on the full range of communication and thinking skills that will be valuable in the workplace and in everyday life. Students are encouraged to assess their skills, to set goals, and make progress toward mastering skills that will make them better employees. Reading, writing, listening, speaking, problem-solving, and analysis are important class activities. Every effort is made to match activities to workplace or life skills.

HEALTH & SAFETY

HEALTH: 1 credit per semester. The Health course provides a very comprehensive review of all aspects of Health and Wellness. The units covered include: Your Personal Health and Fitness; Getting Along with Yourself and Others; Nutrition; Drugs; The Body Systems; Family and Social Health; Consumer Health; Safety and Emergency Care; Treating; Controlling, and Preventing Diseases; and The Health of the Environment and Community. This is a very important and informative class pertaining to your most important asset-your health! If you are considering a health related occupation, this will give you an excellent overview of all areas related to health.

SOCIAL STUDIES

CONSUMER STUDIES: 1 semester course – 1 credit. This course is highly recommended for all students. The main objective in this course is to give the student a thorough background into economic obligations that will confront them. This includes getting a job, credit, budgeting, and spending money wisely. Oral participation is required in role playing for this course.

CURRENT EVENTS: 1 semester course – 1 credit. This course will concentrate on the study of the news, from the school and local front, through state issues, and to the national and world news. It is recommended that students taking this course have an interest in reading the daily newspaper and watching TV news. Oral participation is a must for this course, as is an interest in editorial writing.

MODERN AMERICAN CULTURE: (Grade 10-12) 1 semester course – 1 credit. Culture is defined as shared products of human groups. This course will look at the culture in America from 1950 to present day. You will study American

lifestyles of that time, from our institutions, languages, and laws to our art, music, recreation, and anything else that is part of how we live as Americans.

HUMAN STUDIES: (Grade 11-12) 1 semester course – 1 credit. This course is a look at anthropology, which is defined as the science that treats the physical and cultural development of the human species. In studying physical anthropology, the student will look at our evolution and development, along with the races of our species. Cultural anthropology studies the development of humans in aspects such as family and marriage, religion, the arts, and language development.

20TH CENTURY AMERICAN FOREIGN POLICY: (Prerequisite—Completion of American History). 1 semester course – 1 credit. This course will study the history of American’s foreign policy from the end of World War II to the present day. Much of the material for this course is on video. Concentration will be on the causes that led the U.S. into the Cold War, the Vietnam War, terrorism, and the problems that exist for America’s foreign policy in the 21st century.

SOCIAL PROBLEMS: 1 semester course – 1 credit. This course will be a study of sociology and society. Students will take a look at the values in existence in society, and how their own values are formed. The major concentration of the course will be on the problems that exist in society. These would include crime and violence, crime without victims (drugs), the environment and pollution, and anything else our society deems to call a problem.

PSYCHOLOGY: 1 credit per semester. Grades 11-12. Psychology is a year-long, two credit course available to juniors and seniors. There is no prerequisite to the course. Through instruction in this course the students will understand basic facts of psychological study, examine a variety of psychological theories, and mental health problems, and develop an interest in the discipline of psychology. Students will be expected to actively participate in assignments, discussions and activities to explore all components of psychological research.

FAMILY & CONSUMER SCIENCE

FAMILY WELLNESS: 1 semester course – 1 credit. 1st & 2nd semester. This class covers many of the areas of human growth and development. No one who lives in a family functions independently. Everyone’s decisions and actions affect everyone else’s. The term wellness refers to your attitudes to healthful behaviors whether it is physical, mental/emotional, or social health. With the emphasis on teen issues and sexuality, correct and updated information is an important part of the transition from adolescence to adulthood. Understanding yourself, good communication, and forming healthy relationships are the foundation of this class.

FOOD CAREER TRACK: If you have considered a career in the Food and/or Hospitality fields, you can earn college credits in high school that will help get you on the way to this career more quickly. The classes for this track go through either Scott Community College or Kirkwood Community College. See Mrs. Schipper for more details.

BASIC FOODS I: 1 semester course – 1 credit. 1st semester. (Assessed fee possible) Basic Foods I starts the process that could lead to a career in the food industry. This semester is dedicated to learning the vocabulary necessary to successfully read recipes and prepare a standard product of food. Included are principles of basic nutrition, time and resource management, and cooking techniques. This class requires reading, regular homework assignments, as well as written tests.

BASIC FOODS II: (Prerequisite—Basic Foods). 1 semester – 1 credit. 2nd semester. (Assessed fee possible) This semester is dedicated to the preparation of the foods from the Basic 5 Foods Groups according to high standards. Making food look and taste more appealing is emphasized as you “eat first with your eyes”. More advanced cooking techniques and career exploration will be included in this semester.

FOOD SANITATION AND SAFETY: (Prerequisite—Basic and Creative Foods). 1 semester – 1 credit. 1st semester offered over an ICN site. This course provides a solid foundation in food service sanitation and safety. Upon completion of the course the student will be provided the opportunity to take the State of Illinois exam for certification. This is the only certificate that is recognized across all 50 states.

APPRENTICESHIP I (CHEF’S APPRENTICESHIP): (Prerequisite—Basic and Creative Foods, and Food Sanitation and Safety) 2nd semester – 1 credit. Offered over an ICN site. This course provides the work site experience for the apprenticeship program. One day is in the ICN room and the rest of the week is on the job. A student enrolled in this course will receive articulated credit and practical experience in American Culinary Federation approved work processes under the direction of a certified Chef or a registered dietitian.

APPRENTICESHIP II (Prerequisite—Basic and Creative Foods, Food Sanitation and Safety, Apprenticeship I) 1 credit per semester. This is a year long work experience to be determined by and supervised by Eastern Iowa Community College.

AGRICULTURE AT PRESTON

AGRICULTURAL SCIENCE: The Agriculture Education program for the Preston and East Central schools is designed to give student skills and competencies in the Field of Agriculture. Agriculture is our nation's number one employer, generating over one trillion dollars in capital. There are over 23 million people employed in agriculture and last year there was a 40% shortage of qualified individuals to fill these positions. If you are interested in a career that will take advantage of the skills and philosophies that you have developed from having a rural background, consider agriculture classes at our high school. Some examples of careers that relate to a strong agriculture background and knowledge base are agriculture research, ag. Law, rural appraiser, federal grain inspector, landscape architect, agriculture engineer, veterinarian, animal ecologist and the list goes on. There are over 300 careers in agriculture

INTRODUCTION TO AG: 1 semester course – 1 credit. 1st semester. This course serves as an introductory to what you will encounter in the agriculture field. We will discuss career options, FFA forestry, aqua culture, horticulture, wildlife, conservation, and many more topics. This is a class for freshman to gain the basics on agriculture.

ANIMAL SCIENCE: 1 semester course - 1 credit. 2nd semester. Major areas of emphasis include digestive and reproductive systems, vaccinations, administering shots, sutures, food science, and small and large animal care. During this class, we will be taking various field trips to study each of these areas in-depth

HORTICULTURE: 1 semester course – 1 credit. 1st semester. (Prerequisite—Biology) Juniors and Seniors. Major areas of emphasis include; plant parts and processes, germination and cuttings, harvest designs, floral arranging, and flower preservation. We will spend some time working with the hydroponics unit and new technologies in the horticulture area. This is a Dual-Credit class with 3 credits at the community college.

CONSERVATION: 1 semester course – 1 credit. 2nd semester. Grades 10-12. This class will focus on the use of GPS and GIS systems and their current use in industry, government, and recreation. The majority of the classes is spent working with the GPS units and the GIS software.

FORESTRY: 1 semester course – 1 credit. 1st semester. Grades 10-12. Major areas of emphasis include forest ecology, habitat, preservation, silviculture, reforestation, and the logging industry. Students will also have the opportunity to work with the GPS units that will be available for use. These units will be used to map out forest areas.

LANDSCAPE DESIGN: (Prerequisite—Horticulture or teacher recommendation) 1 semester course – 1 credit. 2nd semester. Grades 11-12. This class will focus solely on landscaped design principles and identification of landscape plants. The class will be hands-on learning with actual design layouts and placements.

AG BUSINESS/SALES: 1 semester course – 1 credit. 1st semester. Juniors – Seniors During this class we will discuss proper sales etiquette and you will have the opportunity to develop sales material on a product. We will also discuss the various types of businesses, international trade, the stock market, and investments. This class is a great class for anyone interested in sales, and business. This is a Dual-credit class with 3 credits at the community college.

SMALL ANIMALS: 1 semester course – 1 credit. 2nd semester. Sophomores-Seniors During this class we will be studying various small animals and pets. We will be looking at general health, animal safety, careers, nutrition and digestion and much more. The class will be a hands-on class with labs for each section. A great class to take if you like working with pets and would like to explore career options in small animal science.

WILDLIFE: 1 credit per semester. Grades 10-12. This class will focus on wildlife habitat, habitat destruction, wildlife management techniques, safety, hunting rules/regulations, identification of various animals, and many more interesting topics. We will work directly with the aqua culture unit in the classroom and discuss various factors, which affect controlled growth rates. Taxidermy will be discussed 2nd semester.

FFA: The FFA is the nation's largest youth organization for high school students. In order to be in FFA, you must be enrolled in at least one semester of agriculture that year. The FFA organization is designed to foster the skills that agriculture students have learned in class and on the job. The FFA member learns and practices many leadership skills such

as speaking, interviewing, listening, problem solving, and personal appearance. Students in this program travel to many parts of Iowa and also have the opportunity to go to the National FFA Convention in Louisville, KY.

AOEE: (Prerequisite—Seniors with previous instructor approval. Three years of successful completion of Agricultural courses.) 1 credit per semester. This is an agricultural occupational employment experience. This involves working at an agriculturally related business or farm. The student will be required to submit weekly farm work reports; and the students will be visited twice per quarter. The combination of the visits and reports will determine the grade. Students must have an approved job and employer before signing up for this course. AOEE will be scheduled for one block only on either A or B day. If you have any questions or concerns, please see the instructor/counselor/principal before registering.

COMPUTER

Web Site and Multimedia Design: 1 semester course-one credit. Web Design and Web Programming. This course will focus on design, layout, and programming of web sites and graphic user interfaces (GUI). Students will use Fireworks, and Flash Animation for design, Dreamweaver for layout and website planning and basic HTML, XML, and javascript to learn about programming. Students will be expected to maintain a web site portfolio.

3-D Animation: 1 semester course-one credit. This course is an introduction to the world of computer generated 3-D modeling and animation. It provides a basic understanding of the skills and techniques employed by 3-D designers in a wide range of applications. Throughout the semester we will explore basic mesh and NURB modeling, applying textures and materials to 3-D objects, lighting, animation and rendering. This course should provide a good basis for future study in architectural, engineering, motion picture modeling, and game design.

MATHEMATICS

GEOMETRY: (Prerequisite—Algebra I). 1 credit per semester. This course will cover area, perimeter, right triangles, trig functions, parallel and perpendicular lines, transformations and symmetry, similarity, quadrilaterals, 3-dimensional geometry, and circles. A scientific calculator, straightedge, protractor, and compass are required.

SCIENCE

PHYSICS: (Prerequisite—Geometry) 1 credit per semester. Grades 11-12. Physics is the study of time, space, matter, and energy. It is the basic of all science. It is college preparatory in nature and is important for students who plan to major in science, math, engineering, or technology related area in college.

CHEMISTRY: (Algebra I is recommended). 1 credit per semester. Grades 11-12. Chemistry is the study of elements and compounds and how they react. It is basically college preparatory in nature and is essential for anyone who anticipates doing any further work in any science area in college. It is also very important for anyone intending to be a nurse, pharmacist, medical technician or doctor. It could be useful for a person who might enter a business dealing with or producing chemical industries. It can also be studied as an interesting field on its own, with no anticipated future use.

HUMAN PHYSIOLOGY: (Prerequisite—Physical Science and Biology). 1 credit per semester. Grades 11-12. Human physiology is the study of the functions and life processes in human beings and by extending all mammals. This course includes laboratory investigations as well as independent student research and presentation. The units cover all ten systems of the human body. It is college preparatory in nature.

PROGRAM OF STUDY - WORK SHEET

Name:

9th Grade

1. English 9
2. Integ. Math/Consumer Math/Algebra I
3. Physical Science
4. PE
5. _____
6. _____
7. _____
8. _____

10th Grade

1. English 10
2. World Hst
3. Integ Math/
Consumer Math/Algebra I/Geom
4. Required Science
5. PE
6. _____
7. _____
8. _____

11th Grade

1. English 11
2. US History
3. PE
4. Required Math
5. Required Science
6. _____
7. _____
8. _____

12th Grade

1. English 12/Pract. Comm.
2. Government
3. PE
4. _____
5. _____
6. _____
7. _____
8. _____

Name: _____ Grade: _____
 (next year)

Please list the subjects you would like to take for 09-10. Required classes should be listed first. Please refer to the table of contents for these classes. Students who failed a required class(es) should also list that class. Please fill up all 7 slots with your 1st choice listed first.

Student's Choice of Subjects	School's Arrangement of Subjects
1. _____	1. _____
2. _____	2. _____
3. _____	3. _____
4. _____	4. _____
5. _____	5. _____
6. _____	6. _____
7. _____	7. _____
8. PE	8. _____

Please circle if you wish to sign up for: **COLOR GUARD**

REQUIRED CLASSES

<u>9TH</u>	<u>10TH</u>	<u>11TH</u>	<u>12TH</u>
English 9	English 10	English 11	English 12
Integ. Math	World History	US History	or Prac. Comm.
or Consumer Math	Required Math	PE	Government
or Algebra I	Required Science	Required Science	PE
Physical Science	PE	Required Math	
PE			