

\*\*\* ART \*\*\*

ART 01

ART 02

ART 03

ART 04

Students will complete a variety of projects in various media. All classes will complete two (2) still life drawings, some type of art history or artist project, and at least one (1) clay project. All classes will use the following media, watercolor paint, acrylic paint, chalk and oil pastels. Some classes will use other media specific to that class.

Credit: 1/2 per semester  
Fee: to be set at beginning of year  
Prerequisite: None  
Open to: All

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INDEPENDENT ART STUDY

This course is designed for the serious art student. Students must have passed at least two years of art classes and must be self-motivating. Students will contract and design their own projects according to their interests.

Credit: 1/2 credit per semester  
Fee: to be set at beginning of year  
Prerequisite: Two years of Art  
Open to: All

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ADOBE PHOTO SHOP

(First Semester)

This course will explore the use of Photoshop by manipulating images and creating graphic designs.

Credit: 1/2 credit per semester  
Fee: to be set at beginning of year  
Prerequisite: None  
Open to: Juniors and Seniors  
Limited to 15 students

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PHOTOGRAPHY

(Second Semester)

The focus of this class will be on digital camera use. Some computer work will be done using the software Photoshop Elements. Students need to have a digital camera for their use - cell phone cameras are not acceptable. Within the semester, student will learn some conventional black and white

photography skills as developing film and printing a photograph in the darkroom.

Credit: 1/2 per semester  
Fee: to be set at the beginning of year  
Prerequisite: None  
Open to: Juniors and Seniors  
Limited to 15 students

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\*\*\* BUSINESS \*\*\*

BUSINESS and TECH CONCEPTS

This sophomore course is a required semester course designed for those entering the job market and those purchasing products and services provided by others. Career opportunities and responsibilities based on individual interests will be explored. Other topics include the importance of technology, consumer protection, taxes, budgeting, banking services, saving, investing, credit, insurance, advertising, comparison shopping, and managing a checking account. Students will use computers and the internet. Projects will be included throughout the semester encompassing topics discussed.

Credit: 1/2 per semester  
Fee: to be set at beginning of year  
Prerequisite: None  
Required: Sophomores

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\*\*\* COMPUTERS \*\*\*

COMPUTER I

This introductory course in Computers will begin with a brief review of keyboarding skills and document formatting using Microsoft Word. An introduction to Microsoft Excel and Microsoft PowerPoint will also be covered throughout the course. Students will design projects in each application and discuss their uses in the workplace as well as in the home. This course is an excellent opportunity to provide students with the applications and skills necessary for use in other classes, extracurricular organizations, college preparation, and work situations. Taking Computer I is highly advised for freshmen and sophomores who intend to take other computer courses in the future. Tuition-free Lincoln Land Community College Tech Prep credits (non-transferable) can be earned for

students receiving a semester grade of "C" or higher.

Credit: 1

Fee: to be set at beginning of year

Prerequisite: None

Open to: Freshmen and Sophomores

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COMPUTER II

Desktop Publishing principles will be applied to produce professional documents incorporating the basic elements of layout and design. Microsoft Word and Microsoft Publisher will be used to create numerous publications such as flyers, brochures, and newsletters for both personal and business use.

Credit: 1

Fee: to be set at beginning of year

Prerequisite: Successful completion of Computer I or keying skills of at least thirty words per minute

Open to: Sophomores, Juniors & Seniors

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COMPUTER III

(First Semester)

First semester is used to introduce students to the fundamental skills of problem solving and programming. The class provides an introduction to writing instructions that direct the activity of computers. The course uses the programming language, Visual Basic. Visual Basic streamlines the development of applications for Windows based computers. Concepts studied are structured programming, debugging, and the use of numeric and string functions. Tuition free dual credit through Lincoln Land Community College may be available for first semester.

Credit: 1/2 per semester

Fee: to be set at beginning of year

Prerequisite: Successful completion of Computer I or keying skills of at least thirty words per minute

Open to: Juniors and Seniors

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(Second Semester)

Second semester of Computer III will use the video editing software program called Adobe Premiere Elements 3.0. This program allows students to create sophisticated and professional video presentations. The course

is designed to provide hands-on experience in editing and filming. By the end of the semester, students will be familiar with video-editing and will be able to create short videos utilizing basic capture and editing techniques. Tuition free dual credit may be available for Lincoln Land Community College.

Credit: 1/2 per semester

Fee: to be set at beginning of year

Prerequisite: Successful completion of Computer I or keying skills of at least thirty words per minute

Open to: Juniors and Seniors

Students enrolled in Computer III must be willing and able to have good attendance, independent thinking skills, and strong problem solving skills. Students must be able to use time management in order to meet project deadlines. Computer III requires students to work outside of class. This outside work mainly entails filming for video projects that will be edited in class during second semester. Also, students must have access to transportation so that videos can be filmed in realistic settings throughout the city or Virden and possibly surrounding areas.

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COMPUTER IV

(First Semester)

The extensive study of Microsoft Word, Microsoft Excel, and Microsoft Access will be the focus of first semester in Computer IV. This course includes the study of commands, formulas, and basic functions of spreadsheets as well as an introduction to database management concepts and the various methods of organizing data. This hands-on course will provide numerous activities and applications for students enhancing learning and providing them with tools for personal, school, and career projects.

Credit: 1/2 per semester

Fee: to be set at beginning of year

Prerequisite: Successful completion of Computer I or keying skills of at least thirty words per minute

Open to: Seniors

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(Second Semester) Second semester students will use Microsoft PowerPoint to create multi-media presentations that incorporate features

including sound, animation, scanned and downloaded pictures and images, recorded sounds and video files, and customize presentation features. Development of web pages in Publisher, Front Page, and Dream Weaver, will also be encountered in the second semester.

Credit: 1/2 per semester

Fee: to be set at beginning of year

Prerequisite: Successful completion of Computer I or keying skills of at least thirty words per minute

Open to: Seniors

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**\*\*\* DRIVER EDUCATION \*\*\***

For a ninth grade student this means he/she met the Middle School Promotion Requirements as listed in the student handbook. Note students who are placed in the ninth grade do not meet the requirement. Tenth grade students must have earned credits for twenty (20) hours of work during the past two (2) semesters.

If a student does not meet the requirements of the class, that student may not retake the class until the next calendar year unless permitted by administrator.

The fee for Driver Education will be paid each time a student takes the class.

Open to: All residents of school district #4 who are acquiring or hold a current valid drivers license during the term of the course and who are at least 15 years old but have not reached 21 years of age.

Consists of all those learning experiences provided by the school for purpose of helping students learn to use motor vehicles safely and efficiently.

This includes classroom and lab experiences.

\*\*\*\* Birthday before June 1, 1994 \*\*\*\*

Credit: 1/2 per semester

Fee: to be set at beginning of year

Prerequisite: Students must successfully complete the previous two (2) semesters of school work prior to eligibility for enrollment

Open to: All

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**\*\*\* ENGLISH \*\*\***

**ENGLISH I**

This class is a basic introduction to high School English. We will be covering various types and genres of literature (i.e, short stories, drama, non-fiction, poetry, and contemporary novel) focusing on such topics as reading comprehension, literary appreciation, and terminology (such as setting, plot, theme, and etc.) Our studies will also include vocabulary, organization, note-taking, library skills (research), and the basics in grammar, usage, speech communications, and writing.

Credit: 1

Fee: Workbook Cost

Prerequisite None

Open to: Freshmen

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**ENGLISH II**

This course deals with increasing skills in the areas of grammar, vocabulary, literature, writing and speech communication. In grammar, students will be learning more about the parts of speech, sentences, phrases, clauses and punctuation. For the literature aspect, students will be studying short stories, fiction, non-fiction, drama and at least one (1) novel throughout the year. One research / writing assignment is accomplished during the year as well as a focus on becoming better communicators both inside and outside of the classroom.

Credit: 1

Fee: Workbook cost

Prerequisite: English I

Open to: Sophomores

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**ENGLISH III**

The basis for this class will focus on American Literature as a part of American heritage. We will cover a variety of types and genres (i.e., short stories, novels, non-fiction, poetry, drama, and etc.) including classic and contemporary works. The class will take an in-depth look at literary terminology and focus on reading comprehension. In addition to literature, we will work on improving writing skills. We will be writing several different types of essays, and a research paper will be required for this class. Other skills this class will promote are increased vocabulary, speech

communication, and grammar usage.

Credit: 1

Fee: Workbook cost

Prerequisite: English I and II

Open to: Juniors

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**ENGLISH IV**

This course involves the study of Literature as well as several novels. One major research paper is required along with smaller essays throughout the year to increase writing skills. Vocabulary and grammar are also reviewed.

Credit: 1

Fee: Workbook cost

Prerequisite: English I, II, and III

Open to: Seniors

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**COLLEGE PREP ENGLISH II**

The material covered will be comparable to English II but will be intensified and geared to prepare students for college. There will be more writing and more vocabulary work as well as intensified grammar studies.

Credit: 1

Fee: Workbook cost

Open to: Sophomores

Prerequisite: At least a B in English I and permission from your past and future teacher before final registration

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**COLLEGE PREP ENGLISH III**

This honor course for college-bound juniors will cover the intense study of both classic and modern works of American Literature. We will be studying materials and lessons similar to English III, but this course will include supplementary and more advanced works. In addition, we will focus on drama and dramatic writing. Futhermore, we will pursue a concentrated study of the basic forms of writing (narrative, descriptive, a comparison/contrast, research-based, and literary analysis). Other skills this class will promote are increased vocabulary, speech communications, and grammar usage.

Credit: 1

Fee: Workbook cost

Open to: Juniors

Prerequisite: At least a B average in College Prep English II or English II and permission from your past and

future teacher before final registration

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**COLLEGE PREP ENGLISH IV**

In this course, students will be studying the different types of literature along with reading several novels. Writing assignments are intensified as well as vocabulary and grammar in order to prepare students for college.

Credit: 1

Fee: Workbook cost

Open to: Seniors

Prerequisite: at least a B average in College Prep English III or a B average in Regular English III and

permission from your past and future teacher before final registration

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**\*\*\* FOREIGN LANGUAGE \*\*\***

**SPANISH I**

Textbook and workbook for Juntos. Written and oral work in areas of grammar, reading, writing, culture, speaking, and listening. Lots of conversations and some computer work.

Credit: 1

Fee: Workbook cost

Prerequisite: None

Open to: All

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**SPANISH II**

Textbook and workbook Juntos II. Written and oral work in areas of reading, writing, grammar, culture, vocabulary, speaking, and listening. Lots of conversation and computer work.

Credit: 1

Fee: Workbook cost

Prerequisite: Spanish I

Open to: Sophomores, Juniors, Seniors

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**MEXICO TRIP**

Offered every other year to students who have completed either one full year of Spanish or World History. Students are responsible for all of their own expenses. Research paper and final exam both required.

Credit: ½ non-GPA

Fee: Students' own expenses

Prerequisite: Must have successfully completed one year of Spanish or World History

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**\*\*\* HEALTH \*\*\***

The major focus will be on total wellness - physical, mental, and social. Course content areas are abstinence, fitness, emotional and mental health, AIDS and other STD's, common communicable diseases, managing with stress, goal setting, cancer prevention, health occupations, tobacco-alcohol-drug abuse, nutrition., violence , and injury prevention. Grade determinants: tests, class participation, quizzes, and homework. Course supplements: audiovisual materials, outside speakers, county health professionals.

Credit: 1/2 per semester

Fee: to be set at beginning of year

Prerequisite: None

Required of: Sophomores

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**\* FAMILY and CONSUMER SCIENCE \*\*\***

**ORIENTATION TO FAMILY AND CONSUMER SCIENCE**

A course designed to introduce students to all areas of Family and Consumer Science and serve as a background for Family and Consumer Science Education programs. This composite course is designed to present basic subject matter in six areas: clothing and textiles, resource management, foods and nutrition, design and housing, family and human development, and the world of work.

Credit: 1

Fee: to be set at beginning of year

Prerequisite: None

Open to: Freshmen and Sophomores

Limited to: 3 to 4 per kitchen

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**FASHION MERCHANDISING**

(First Semester)

This course is planned to provide students opportunities to develop knowledge and understanding of textiles, fabrics, and fashions and to assist them in meeting the fashion product needs of themselves, families and/or general public. The course content centers around developing student competencies in the following areas: selecting clothing and textile products, meeting social, physical, psychological and economical needs through

clothing and textiles, communicating intended clothing image to others and exploration of careers related to fashion merchandising.

Credit: 1/2 per semester

Fee: to be set at beginning of year

Prerequisite: None

Open to: Sophomores, Juniors, Seniors

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**CHILD DEVELOPMENT**

(Second Semester)

This course emphasizes learning experiences which help students gain knowledge and understanding of the intellectual, physical, social and emotional development of children from conception through age six. The course content centers around the following areas: promoting child development by applying physical, social, intellectual, and emotional principles, providing experiences which encourage children to maximize resources, and exploration of careers related to child development.

Credit: 1/2 per semester

Fee: to be set at beginning of year

Prerequisite: None

Open to: Sophomores, Juniors, Seniors

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**FOOD and NUTRITION I**

(First Semester)

This course includes basic classroom and laboratory experiences needed to develop knowledge and understanding of basic food principles and applied nutrition to people of all ages. The course content centers around the following areas: promoting food serve and preparation management using the decision-making process, meeting basic needs by applying nutrition concepts, meeting health and safety needs in planning, preparing, and serving foods, maximizing resources when planning / preparing/serving food, and exploration of careers related to foods and nutrition.

Credit: 1/2 per semester

Fee: to be set at beginning of year

Prerequisite: None

Open to: Juniors and Seniors

Limited to: 18 students

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**FOOD and NUTRITION II**

(Second Semester)

In this second level of foods and nutrition, more attention is paid to food selection and storage of special circumstances and dietary needs. Laboratory sessions are devoted to preparation of foods with specific characteristics. Course content include the following areas: influences on food customs, diet and health, food purchasing, conservation in providing food, advanced food preparation techniques, and exploration of careers related to foods and nutrition.

Credit: 1/2 per semester  
Fee: to be set at beginning of year  
Prerequisite: Foods and Nutrition I or permission of instructor  
Open to: Juniors and Seniors  
Limited to: 18 students

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**CLOTHING and TEXTILES**

(First Semester)

This course provides classroom and laboratory experiences in the areas of pattern and fabric selection as well as construction techniques. Students will purchase their own supplies to make two garments.

Credit: 1/2 per semester  
Fee: to be set at beginning of year  
Prerequisite: None  
Open to: Juniors and Seniors

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**HOUSING and INTERIOR DESIGN**

(Second Semester)

Learning experiences are designed to provide students with basic knowledge and skills needed to select, acquire, maintain, and manage living environments that meet the needs of the occupants. The course content includes the following areas: locating and managing housing, evaluating living space to meet basic needs, exploration of careers related to housing and interior design. Students will design the floor plan for a new house and decorate one room of that house.

Credit: 1/2 per semester  
Fee: To be set at beginning of year  
Prerequisite: None  
Open to: Juniors and Seniors

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**ADULT LIVING**

(First Semester)

This course is designed to assist students in achieving life satisfaction through responsible participation as adults in the home, community, and workplace. Emphasis is placed on the development of prevention strategies which will assist individuals in responding to situations in terms of their identified values and goals. The course content includes: developing short and long-range plans, demonstrating goal-setting and decision making skills, evaluating and adapting basic needs to assume roles and responsibilities, recognizing and following health practices that assist in coping, electing and using resources to enhance individual growth and development, developing effective relationships to promote communication with others, and evaluating family and career changes as they impact individuals.

Credit: 1/2 per semester  
Fee: to be set at beginning of year  
Prerequisite: None  
Open to: Juniors and Seniors

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**PARENTING**

(Second Semester)

This course is designed to help students think through the responsibilities, satisfactions, and stresses of parenthood by examining many types of parenting situations. Stress prevention and management and the work of community agencies that help parents deal with various types of parenting crises are emphasized. The course content includes: managing and organizing parenting by applying decision-making and goal-setting skills, applying the basic principals of the parenting process, practicing health and safety standards are related to parenting, providing experiences which encourage parents and child to maximize resources, encouraging human relations skills in child/adolescents, and evaluating the impact of parenting on family and career changes.

Credit: 1/2 per semester  
Fee: to be set at beginning of year  
Prerequisite: None  
Open to: Juniors and Seniors

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\*\*\* **MATHEMATICS** \*\*\*

**ALGEBRA I**

The first course of Algebra includes an introduction to the language of Algebra and variables, basic arithmetic, factoring polynomials, equations solving and graphing, two variables in two equations, an introduction to solving inequalities, and Geometry topics including perimeter, area, surface area, and volume.

Credit: 1

Fee: to be set at beginning of year

Required: Freshman

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### GEOMETRY

Provides the fundamentals of points, lines, planes, and angles. Topics include deductive reasoning, proof writing, parallel lines, congruent triangles, quadrilaterals, similar polygons, right triangles, areas of plane figures, areas and volumes of solids, circles, coordinate geometry, basic trigonometry, and transformations. Algebraic skills are reviewed and strengthened as algebraic methods are applied to solving problems. Geometer's Sketchpad will be utilized in exploring theorems and observing properties in action. Several projects will be included throughout the year encompassing topics discussed.

Credit: 1

Fee: to be set at beginning of year

Prerequisite: Algebra I

Open to: Sophomores, Juniors, Seniors

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### ALGEBRA II

Algebra II is a review of the principles and topics introduced in Algebra I with a continuation in the solutions of graphs, two equations with two variables and their solutions graphed, the use of the quadratic formula in problem solving, Euler's notation, imaginary numbers, rectangular and polar coordinates, advanced story problems, functions, vectors, the study of real and complex numbers, and an introduction to trigonometry. Scientific calculator required.

Credit: 1

Fee: to be set at beginning of year

Prerequisite: Algebra I

Open to: Sophomores with Geometry  
Permission of instructor, Juniors, Seniors

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### MATH III

This class is for Juniors who are not currently enrolled in a math class or may be taken as a math elective for those who are currently in a math class. Students will explore and review a variety of basic high school math topics essential for success on standardized and college placement tests. Topics include basic algebra and geometry topics, and statistics. Students will also examine basic question formats and discuss solving and test-taking strategies. This is a non-weighted Math credit.

Credit: 1

Fee: to be set at beginning of year

Prerequisite: None

Open to: Juniors

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### TRIG / ANALYTIC GEOMETRY

This class continues topics discussed in Algebra II and Geometry and introduces trigonometry functions, graphs, and applications. Other topics include abstract word problems, logarithms, statistics/probability, and exponential graphs and functions. A TI-83 graphing calculator is recommended.

Credit: 1

Fee: to be set at beginning of year

Prerequisite: Algebra II and Geometry

Open to: Juniors and Seniors

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### CALCULUS

(First Semester)

This class is a continuation of Trig Analytic Geometry. Topics include sequences / series, matrices / determinants, conic sections, and advanced trig topics. A graphing calculator is recommended.

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(Second Semester)

During second semester, dual enrollment in Lincoln Land Community College MAT 130, business calculus is offered. Students will receive four transfer college credits through Lincoln Land Community College tuition-free, as well as weighted high school credit. A TI-83 graphing calculator is highly recommended.

Credit: 1

Fee: to be set at beginning of year

Prerequisite: Trig/Analytic Geometry

Open to: Seniors

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## STATISTICS

This class is designed for Seniors who do not take Trig or Calculus but wish to keep their math skills fresh for college. It may also be taken concurrently with Trig or Calculus.  
(First Semester)

This class is a dual credit Lincoln Land Community College Statistics (MAT 141) class worth 4 transfer college credits. Topics include basic descriptive statistics, basic probability theory, random variables, probability distributions, confidence interval estimation and hypothesis testing. A TI-83 graphing calculator is strongly recommended. This is not a weighted class.

Credit: 1/2 per semester

Fee: to be set at beginning of year

Prerequisite: successfully completed of Algebra II with a C or better

(Cannot be taken concurrently with Algebra II)

Open to: Seniors

Class Limited to: 16

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## CREATIVE ALGEBRAIC APPLICATIONS

(Second Semester)

Students will design a variety of models and then actually put their math skills to use by building a scale model of their design. Projects include orienteering, making house plans, kite-building and class quilt. This is not a weighted class.

Credit: 1/2 per semester

Fee: to be set at beginning of year

Prerequisite: successfully completed Algebra II with a C or better

(Cannot be taken concurrently with Algebra II)

Open to: Seniors

Class Limited to: 16

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\*\*\* MUSIC \*\*\*

## BAND

The instrumental music program is designed to provide students with a variety of musical experience in four specific areas: marching band, concert band, pep band, and jazz band (when scheduling permits) for students to gain a more thorough understanding and appreciation for all types of music .. to achieve competency, artistry, and technical facility through the study and playing of an instrument

.. to instill a sense of pride and accomplishment in a team effort .. to promote and encourage a sense of responsibility and self discipline .. to encourage individual creativity through a more realistic understanding of the arts MARCHING BAND-performs throughout the year, with the primary focus during September and October. It performs in such events as football games, parades, and other related invitational events. Students are taught basic marching fundamentals including visual and audio commands, posture, physical and mental coordination, teamwork, and the development of a positive self image.

CONCERT BAND this organization performs primarily from November through May, and specializes in traditional as well as contemporary band literature. Emphasis is placed on technical, expressive, and artistic selections. The band presents 2-3 major concerts per year; IHSA organizational contest; commencement. When able, the band may perform outside the school environment such as a board approved trip. Selected advanced students may elect to perform in various other activities; such as solo/ensemble contest, IMEA festivals, and honor band.

PEP BAND this band, which uses all members of the concert band, performs at boys' and girls' basketball games.

Credit: 1

Fee: to be set at beginning of year

Prerequisite: previous instrument study or consent of director

Open to: All

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\*\*\* PHYSICAL EDUCATION \*\*\*

## BOYS and GIRLS PHYSICAL EDUCATION

Elementary through advanced physical skills, plus physical fitness testing, weight lifting and cardiovascular activities. Grade based on ability level (through test skills), attitude, and participation. At this point carry over activities are being stressed on all levels. Students who are out of P.E. due to a medical or religious reason will be required to do weekly written assignments assigned by the instructor. It is the students responsibility to contact the instructor for their work.

Credit: 1  
Fee: P.E. clothes and lock  
Prerequisite: None  
Open to: All  
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\*\*\* **PSYCHOLOGY and  
ECONOMICS** \*\*\*  
PSYCHOLOGY

(First Semester)  
Psychology is designed for the student who wants to know more about his/her own behavior and the behavior of other people as well. Through the study, Psychology is designed for the student who wants to know more about psychological theories. The student will become aware of the rolls that biology, culture, and personal experiences play in shaping our personalities.

Credit: 1/2 per semester  
Fee: to be set at beginning of year  
Prerequisite: None  
Open to: Seniors

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ECONOMICS

(Second Semester)  
Economics is the study of how scarce resources are allocated. The way people react to scarcity is studied through the use of economic models. Areas of study include the history of economic thought, current economic thought, current economic dilemmas, and macro and microeconomics.

Credit: 1/2 per semester  
Fee: to be set at beginning of year  
Prerequisite: None  
Open to: Seniors

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\*\*\* **SCIENCE** \*\*\*

PHYSICAL SCIENCE / GENERAL  
SCIENCE

This class should serve as either an introductory course in general education or as a college preparatory course. It is designed to serve as a solid foundation for the study of physical and earth sciences. This course will also acquaint the student with the use of lab equipment.

(First Semester)  
Topics to be examined are: phases of matter, measurements, the periodic table and

elements, bonds, compounds, motion and forces, acceleration and momentum, energy, machines, electricity, waves and sound.

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(Second Semester)

Topics will include: plate tectonics; seismology; volcanism; weathering; erosion; the rock cycles; changes in the earth's weather; the earth as a member of the solar system; the sun, stars, and satellites.

Credit: 1  
Fee: Workbook cost  
Required: Freshmen

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BIOLOGY I

A balanced approach to Biology which serves equally as either an introductory course in general education or as or as a college preparatory course in Biology or related sciences. The organizational pattern is one starting with molecular and cellular structures and cell life processes and proceeding to increasingly larger organizational levels. Students will learn some basic laboratory skills as related to biological science, which includes use of a microscope. Several dissections include worms, starfish, sharks, perch, and frogs.

Credit: 1  
Fee: to be set at beginning of year  
Prerequisite: Either an A or B and permission of instructor  
Open to: Sophomores, Juniors & Seniors

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BIOLOGY II

This course includes some basic chemistry, cellular biology, and botany. But basically centers around the system of the human body. Lab work includes a dissection of a fetal pig and a cat.

Credit: 1  
Fee: to be set at beginning of year  
Prerequisite: Biology I  
Open to: Sophomores, Juniors, Seniors

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CHEMISTRY

The study of laws and theories of chemistry, descriptive chemistry with emphasis on the structure and periodicity of the element, and laboratory world with emphasis on chemical

equations and calculations. Requirement of a calculator.

Credit: 1

Fee: Workbook cost

Prerequisite: Two years of Science (one year of Biology and Algebra I)

Open to: Juniors and Seniors

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PHYSICS

(First Semester)

Mechanics-a combination lab and lecture course which looks at the fundamental laws of our everyday physical world. Discussion will center on why and how things behave as they do in our physical world. A math background through Algebra II is required.

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(Second Semester)

Electricity, light, and sound-an explanation of the basic principles of these three topics. Thorough investigation of basic electrical instruments through lab experiments. One of the course requirements is the design and fabrication of an electrical device by the student. A math background through Algebra II is required.

Credit: 1

Fee: to be set at beginning of year

Prerequisite: Algebras I & II, Geometry

Open to: Seniors

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HUMAN ANATOMY / PHYSIOLOGY

The basic format of this course is the study of the human body, and its functions. It is somewhat an extension of Biology II, and will also deal with human reproduction and development.

Credit: 1

Fee: to be set at beginning of year

Prerequisite: Biology I & Biology II with a C average

Open to: Seniors

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\*\*\* SOCIAL STUDIES \*\*\*

AMERICAN GOVERNMENT

Completion of this course with a passing grade will fulfill the state requirement for government. Units in this course presented through reading, lecture, worksheets, and special projects are designed to create a

working knowledge of the Illinois and Federal governmental systems and their surrounding environments.

Credit: 1/2 per semester

Fee: to be set at beginning of year

Prerequisite: None

Required of: Sophomores

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AMERICAN HISTORY

An overview of the chronological events making up the history of the United States. Special emphasis will be placed on causes of and results of these events. The course will cover from the 1850's through the present administration through a variety of techniques ranging from reading to special projects.

Credit: 1

Fee: to be set at beginning of year

Prerequisite: None

Required of: Juniors

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WORLD HISTORY

A general survey of important events in World History which have played a part in the development of today's world and cultures. The general purpose of the course is to develop within students a sense of historical perspective; the ability to realize the importance of the events as they happen in today's world and to help students recognize the interrelationships between events so that they more clearly understand cause and effect. Special emphases on developing note-taking, essay-writing, map, speaking, and research skills.

Credit: 1

Fee: Workbook cost

Fee: to be set at beginning of year

Prerequisite: None

Open to: All

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C.A.C.C.

Capital Area Career Center gives students the opportunity to pursue career options, enhance employability skills, transition into employment and prepare for life long learning. College credit is available in many of the programs. Application is made second semester of sophomore year.

Credits: 3 per year

Fee: to be set at beginning of year

Prerequisite: be accepted through the application process and pass required classes at Virden

Open to: Juniors

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**WORK SKILLS**

The objective of this program is to offer students the opportunity to gain on the job experience and a better understanding of the workplace skills necessary to be successful in the workplace, regardless of future educational goals.

Credit: 3 per year

Fee: to be set at beginning of year

Prerequisite: students must be accepted through the application process and have an employment position

Open to: Seniors

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