

**LINCOLN COUNTY
HIGH SCHOOL**

**COURSE DESCRIPTION
BOOKLET**

2017/2018

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PREFACE

Planning your high school program is a task which should be given important consideration. The courses you select and the academic preparation you obtain will affect your career opportunities and ability to compete in the 21st century. Careers and jobs are constantly changing, requiring job candidates and job holders to constantly adapt to those job requirements as well.

- **More and more jobs require education beyond high school. Many employers require a college degree; it shows that a person knows how to start something, work at it, and see it through to the end. In this competitive job market, it's one more thing that can set a person apart from other non-degree holding applicants.**
- **Good jobs will require high skills and the ability to put knowledge to work.**

All students will need basic skills in reading, writing, mathematics, listening and speaking. In addition, competition in the future job market will require students to have a range of technical skills, possess productive work habits, be reliable, think rationally, communicate effectively, work well in groups, and be able to solve problems.

The recommendations in this guide will be of significant value to all students. Careful selection of academic and elective subjects will prepare students for post-secondary training, whether that includes technical schools or colleges and universities. Course selection should focus on broadening opportunities rather than eliminating options.

Use this guide to plan your high school program wisely. The enclosed four year course selection worksheet will assist you with your academic planning.

LINCOLN COUNTY HIGH SCHOOL

Eureka Public School District #13

PO Box 2000

Eureka, Montana 59917

www.lchigh.net

(406) 297-5700

SCHOOL PROFILE

SUPERINTENDENT: Jim Mepham (406) 297-5637

PRINCIPAL: Joel Graves (406) 297-5702

REGISTRAR: Barbara Dierman (406) 297-5716

SCHOOL COUNSELOR: Spencer Sartori (406) 297-5718

COMMUNITY: Eureka is the commercial hub of the Tobacco Valley, which is a geographical link joining the United States and Canada between spectacular mountain ranges of northwest Montana and southeast British Columbia. Eureka is located seven miles south of the international border where the U.S. and Canadian ports of entry each operate 24 hours a day, every day of the year, along U.S. Highway 93.

SCHOOL: Lincoln County High School is a four-year school, with an enrollment of approximately 300 students. Students attend for seven periods a day, 170 days per year.

CEEB CODE #: 270-305

CURRICULUM: Our comprehensive curriculum includes college preparatory, business, technical and enrichment programs. Junior and Senior students have the option of attending “Running Start” classes offered by the Flathead Valley Community College, through Vision Net online. These classes provide dual credit (both high school and college credit). The COMPASS Test is required.

HONORS CLASSES: An Honors Class is offered in Social Studies and English.

GRADUATION REQUIREMENTS: The school year is 170 days and is divided into two semesters. The number of credits required for graduation is 25. Each semester course is awarded one-half credit.

<u>Required Courses</u>	<u>Number of credits</u>
English	4.0
Social Studies	3.0
Science	2.0
Mathematics	2.0
P.E./Health	2.0
Vocational Arts	1.0
Fine Arts	1.0
Human Relations	0.5
Career Exploration Technology	0.5
Consumer Economics	0.5
Electives	<u>8.5</u>
Total:	25

GRADING AND CLASS RANK: The grading system is the standard A equals 4-point system. P gives credit but does not figure into the GPA. The class rank is established by listing the student’s cumulative GPA, from highest to lowest and linking it with the number of students in the grade. The GPA is not weighted.

<u>LETTER AND GRADE POINTS</u>	<u>PERCENTAGE</u>
A = 4.0	100-90 = A
B = 3.0	89-80 = B
C = 2.0	79-70 = C
D = 1.0	69-60 = D
F = 0.0 (FAILING)	

EXPLANATION OF TRANSCRIPT:

IND STUDY = Independent Study

TA = Teacher’s Aide (no credit)

HON = Honors

FVCC = Flathead Valley Community College “Running Start” Course

GRADUATION REQUIREMENTS

On this page and the next, you will find two listings for graduation requirements. The first, the LCHS Graduation Requirements, are the requirements imposed upon each student by the Eureka School District School Board for graduation. The second, Montana University System Entrance Requirements, are the requirements imposed upon students who wish to enroll in the Montana University System.

It is important to note, however, that many colleges recommend two (2) years of a foreign language and three to four years of math and science. Some actually require it. Students should utilize the guidance counselor and college handbooks in the guidance office to determine specific college entrance requirements. Earning good grades, reading extensively, developing leadership skills through classroom and extra-curricular activities, and challenging your abilities will increase your options and chances of enrolling in competitive post-high school programs.

LCHS Graduation Requirements

	<u>Number of Credits</u>
English	4.0
Social Studies	3.0
World History, Am. History I, Am. History II	
Science	2.0
1 from Physical/Earth Science	
1 from Biology, Adv. Biology, Chemistry, Physics, Forest Ecology	
Mathematics	2.0
Health Enhancements	2.0
Vocational Education	1.0
Business Ed., Fam/Cons. Science, Ind./Tech Ed/Health Sci.	
Fine Arts	1.0
Art, Music, Foreign Language	
Human Relations (Freshman)	0.5
College & Career Readiness I (Freshman)	0.5
Grad Prep (Junior or Senior)	0.5
College & Career Readiness II, Personal Finance, or Jobs for Montana Grads	
Electives	<u>8.5</u>
Total Credits	25

Montana University System Entrance Requirements

For high school graduates entering the Montana University System, both the college preparatory curriculum and entrance requirements must be met.

The entrance requirements for MSU-Bozeman, MSUB-Billings, MSUN-Havre, MontanaTECH-Butte, UM-Missoula, UMW-Dillon, will be an ACT score of 22 or higher OR an SAT score of 920 or higher OR a GPA of 2.5 or higher OR standing in the upper half of the graduating class. ASSET or COMPASS is required for Community Colleges or Vo/Tech schools.

English..... 4 years

Math (Algebra and above)..... 4 years

Lab Science 3 years

Social Studies 3 years

Two years chosen from these options:

- **World Language (prefer 2 years)**
- **Visual or Performing Arts**
- **Vocational Education (units which meet OPI guidelines)**

Alternate Rigorous Core Math/Science Combination:

Three (3) years of math, including a course beyond Algebra II, plus four (4) years of laboratory science may be substituted for the 4 years of math and 3 years of science requirement.

Self-Report of High School Courses

Montana University System College Preparatory Requirement	9th Grade course/credit	10th Grade course/credit	11th Grade course/credit	12th Grade course/credit	OFFICE USE
A. English (4 years) Written and oral communications skills and literature	sem 1				
	sem 2				
B. Mathematics (3 years) including Algebra I, Geometry, Algebra II (or sequential equivalent)	sem 1				
	sem 2				
C. Social Studies (3 years) Including global (world) studies; American hist.; and gov't, econ, Indian history, psych, sociology or other third-year course.	sem 1				
	sem 2				
D. Laboratory Science (2 years) Including at least one year of earth science, biology, chemistry or physics	sem 1				
	sem 2				
E. Other (2 years) Chosen from foreign language, computer science, visual/performing arts or vocational education.	sem 1				
	sem 2				

TOP TEN RANKING REQUIREMENTS

Students wanting to qualify for the honor of Top Ten ranking in their class must take the established state required college entrance courses and have a minimum of twenty-five (25) credits including the following:

- **Math: Three (3) years of math, including Algebra II or above**
- **Science: Three (3) years of science, including Advanced Biology, Chemistry, Physics or Forest Ecology**
- **Three (3) credits chosen from the following: Foreign Language, Visual or performing arts and/or Vocational units meeting OPI requirements**
- **Seniors are required to take an upper level science or math during their senior year**
- **Community service: Ten hours of community service per school year are required. This can be through club activities or independently. It is up to the student to keep accurate records of community service hours with verification by supervising adult(s) each year. Students transferring into LCHS will also be required to document the necessary community service hours.**

Other considerations:

1. **Running Start classes will not be included when calculating Top Ten GPA, although they will remain part of the student's official transcript and GPA.**
2. **Top Ten students will be chosen at the mid-term of the fourth quarter of senior year.**
3. **Independent Study directed by an LCHS instructor *may* be accepted if approved by the LCHS principal. This would generally cover classes which supplement a student's coursework, or in lieu of classes unavailable due to scheduling difficulties.**
4. **No Special Education or Title 1 courses will be accepted**
5. **Students and parents must sign a contract concerning Top Ten requirements.**
6. **Only accredited high school courses will be accepted. The principal will approve these courses.**
7. **Correspondence courses are not accepted for Top Ten ranking.**
8. **Foreign Exchange students and early graduates are NOT eligible.**

NCAA CORE CLASS REQUIREMENTS FOR COLLEGE ATHLETICS PARTICIPATION

Students interested in NCAA College Athletic Participation will need to contact the NCAA College they plan to attend for their individual requirements. Montana NCAA colleges are Montana State University and University of Montana. Contact counselor for more details.

CLASS BY CLASS REQUIRED COURSES

The following pages are provided to you to assist in your class planning. Please go through each applicable year and fill in the blanks with your preferred courses. Pay close attention to your graduation requirements, making sure that you include all required courses needed to graduate and provide you with the option of a post-secondary education. Remember that some of your graduation requirement options will have to fit in to your elective slots (1 credit of vocational courses, 1 credit of fine arts, etc.)

IMPORTANT NOTICE

This Course Description Book lists all classes which MAY be taught at Lincoln County High School.

Some courses will not be taught from time to time due to unavailability of the course or low class numbers.

See the counselor if you have questions.

NOTE:

- All students wishing to take a fitness or conditioning class must be pre-approved by the instructor.
- **A student may take only 1 non-credit TA per semester (juniors and seniors only).**

*Classes may only be changed within prescribed times for academic reasons at the discretion of the administration and counselor.

FRESHMAN

Name: _____

***designates required courses**

1. *** English 9 or Honors English 9**
2. *** Physical/Earth Science**
3. *** PE 9/Health**
4. *** Math _____**
5. *** Human Relations, 1 semester**
*** College & Career Readiness I, 1 semester**

When filling out your elective classes:

- Full year elective class - write in one per line
- Semester elective classes - write in two per line
- Then also select an alternative class

6. **Elective _____**

7. **Elective _____**

Elective (alternate) _____

SOPHOMORE

Name: _____

***designates required courses**

1. *** English 10 or Honors English 10**
2. ***Math** _____
3. ***World History**
4. ***Science: Biology**
5. ***Health/PE 10**

When filling out your elective classes:

- Full year elective class - write in one per line
- Semester elective classes - write in two per line
- Then also select an alternative class

6. **Elective** _____
or Credit Recovery (if needed)

7. **Elective** _____
Elective (alternate) _____

JUNIORS

Name: _____

***designates required courses**

1. *** English 11 or Honors English 11**
2. ***American History I**
3. **College & Career Readiness II,
Jobs for MT Grads, or
Personal Finance (taken as a junior or senior)**

or

Elective _____

When filling out your elective classes:

- Full year elective class - write in one per line
- Semester elective classes - write in two per line
- Then also select an alternative class

4. **Elective** _____
or Credit Recovery (if needed)

5. **Elective** _____

6. **Elective** _____

7. **Elective** _____

Elective (alternate) _____

SENIORS

Name: _____

***designates required courses**

1. * English literature/reading (1 sem) _____
1. * English composition/writing (1 sem) _____
2. * Am. History II or Honors Am. History II
3. College & Career Readiness II,
Personal Finance, or
Jobs for MT Grads (1 semester if not taken as a junior),
or
Elective _____

When filling out your elective classes:

- Full year elective class - write in one per line
- Semester elective classes - write in two per line
- Then also select an alternative class

4. Elective _____
or Credit Recovery (if needed)
5. Elective _____
6. Elective _____
7. Elective _____
Elective (alternate) _____

CURRICULUM AREAS & COURSES

To locate a course description, first locate its curriculum area. For example, for a chemistry course, you would look under the science curriculum heading. Below you will find a short listing of all of the curriculum areas and the courses which come under each curriculum heading. *Not all courses listed in this section may be offered each year and new courses may be added.*

ART

Art I
Advanced Art

ENGLISH

English I/II/III/IV (Title)
English 9
English 10
English 11
Honors English 9
Honors English 10
Honors English 11
Advanced Composition/World Literature
Creative Writing/Mythology
College Prep English/Young Adult Literature
Off-Mainstream Literature (Hipster Literature)/Public Speaking and Debate
(Convincing People That You're Right)
Journalism

WORLD LANGUAGE

Spanish I
Spanish II
Spanish III

HEALTH ENHANCEMENT

Physical Education/Health 9
Physical Education/Health 10
Fitness
Advanced Physical Education/Fitness
Personal Conditioning
Lifetime Sports

MATHEMATICS

Basic Math (Title)
Algebra IA
Consumer Math
Algebra I
Geometry
Algebra II
Pre-Calculus
Calculus
Extended Technical Mathematics (dual credit)

MUSIC

Concert Band
Chorus
Music Workshop

SCIENCE

Physical/Earth Science
Biology
Advanced Biology
Chemistry
Physics
Forest Ecology

SOCIAL STUDIES

World History
American History I
American History II
Hon American History II
Alternative History I/II
Sociology
Psychology

SPECIAL PROGRAMS

Running Start = Dual Credit classes (HS/College credit) - see counselor
Independent Study – see counselor
Auditorium Assistant (credit course)
Library Assistant (credit course)
Office Assistant (credit course)
Teacher Aide (no credit)
Title Aide
Teacher Aide Tutor
Work Experience – Must take for credit
Freshman Seminar

VOCATIONAL EDUCATION

BUSINESS/TECHNOLOGY EDUCATION

Business Essentials
Tech Tools
Digital Graphic Design
Digital Video Production
Business Graphic Design
Sports Marketing
Yearbook/Desktop Publishing

GRADUATION PREP

*College & Career Readiness I
College & Career Readiness II
Jobs for Montana Grads
Personal Finance
*Required, DOES NOT count as a Vocational Credit

FAMILY LIFE/CONSUMER SCIENCES

Child Psychology
Culinary Techniques
Early Childhood Education Practicum
Fiber Arts
Life Experience
Meal Management
Interior Design
*Human Relations
*Required, DOES NOT count as a Vocational Credit

VOCATIONAL EDUCATION

INDUSTRIAL ARTS

Welding I
Woods I
Welding Theory I Practical (dual credit)
Welding Qualification Test Preparation (dual credit)
Advanced Woods
Small Engines
STEM Robotics

HEALTH SCIENCES

Health Start
First Aid/EMT Training (dual credit)

LCHS COURSE DESCRIPTIONS

Each course description entry includes the name of the course, the grade level of students allowed in the course, the credit worth of the course, the length of the course, and the prerequisites for each course, as well as the description of the course itself.

The course name is listed on the left. In the example below, the course name is ART I Basic Drawing. Underneath the course name in parenthesis is the grade level of student allowed into the course. In the example below, Art I Basic Drawing is open to students in grades 9-12. Moving across to the right indicates the credit worth of the course (Art I Basic Drawing is worth 1 credit), the length of the course (Art I Basic Drawing is a 1 year course), and the prerequisite for the course (Art I Basic Drawing has no courses which must be taken prior to enrolling in Art I). Under the course name is the course description.

EXAMPLE

ART I Basic Drawing	1 credit	1 year	None
(9-12)			

This class is offered during the first quarter to anyone from grades 9-12. They will begin drawing at a basic level and recognize the basic shapes and learn how to use them in a completed drawing. They will also learn how to use shading to make objects round, and will render in pencil things that are common to drawing such as; glass, wood, rocks, metal, cloth, and paper.

This is not an art course we offer. It is just an example.

ART

Prerequisite

ART I (9-12)

1 credit

1 year

None

1. Students will demonstrate knowledge and skill through experimentation and exercises in producing artworks individually and collaboratively. The artworks will be in the areas of drawing, calligraphy, sculpture with paper Mache, watercolors and ceramics with earthenware to give the students a wide variety of introductory skills.

2. Students will be introduced to periods of art or artwork of cultures that connect to the content of media that they are using in their artwork. They should understand the connections and influences of the diverse periods or cultures on the work of the artists.

Students will be introduced to the concepts of symbolism and metaphorical content communicating ideas through imagery.

3. They will develop criteria with which to reflect and respond to works of art.

4. Students will learn methods to judge, assess, and evaluate artworks.

The first semester of Art I is a required prerequisite for the second semester. The ability to draw well is needed to be successful with the watercolor unit. **Students have a \$10 lab fee.**

ADVANCED ART

(10-12)

1 credit

1 year

**Art I, Instructor approval
A or B in Art I**

Students are required to have taken Art I and have passed with an A or B or have consent from the instructor to take Art II. There will be requirements to try various mediums of drawing or design which include pastels, fabric painting, acrylic painting on canvas, graphic design projects, or ceramics. Students are expected to exhibit their works throughout the year in the school and public places. Each mid-term and quarter there are classroom critiques or evaluations of the students' progress with their projects. Students may be expected to make links with history with their projects, learn terminology that applies to their medium and help with exhibits.

Students may have charges for supplies depending upon the amount they use. **Students have a \$10 lab fee.**

WORLD LANGUAGE

Prerequisite

***SPANISH I (9-12)**

1 credit

1 year

**C or better in English
Recommended**

In this introductory course in Spanish, students are exposed to a Spanish vocabulary of about 5,000 words. Additionally students study various cultures and the geography of Spanish-speaking countries. Students have the opportunity to develop an appreciation of the Spanish language and cultures; learn correct pronunciation in speech and reading; learn the basic structure of the language; and are encouraged to have an open and receptive mind toward cultures other than their own. Students are encouraged to start language study in their freshman or sophomore year.

***SPANISH II (10-12)**

1 credit

1 year

**Spanish I
Instructor Approval**

Planned as a continuation of Spanish I, this course is designed to stimulate interest in the Spanish language and cultures through development of verbal and aural skills. Spanish II expands students' vocabulary and grammar skills; increases their knowledge about Spanish history and cultures; and enables students to communicate with native speakers of Spanish.

***SPANISH III (11-12)**

1 credit

1 year

Spanish I, Spanish II

This course is a continuation of second year Spanish. Students will review grammar and vocabulary learned in Spanish II, such as future and conditional as well as subjunctive forms of verbs. More emphasis is placed on speaking and reading, and further developing an active vocabulary.

*These classes are recommended but not required for students who plan to continue their education at a four-year college following high school graduation.

HEALTH ENHANCEMENT

Prerequisite

FITNESS

(9-12) 1 credit 1 year PE 9 & 10

This course may be taken more than once. This course is designed for students seriously interested in improving their level of fitness. Using *Bigger, Faster, Stronger*, students will combine lifting with plyometrics, flexibility, agility, and speed training. These classes do not replace the Grades 9 & 10 Health/PE requirements.

***PE/HEALTH 9 (REQUIRED)**

(9) 1 credit 1 year None

Two years of physical education must be successfully completed to graduate from high school. The course consists of instruction in both physical education and health/wellness for freshmen. Lifetime sports, leisure activities, health and safety are the basic curriculum activities.

***PE/HEALTH 10 (REQUIRED)**

(10) 1 credit 1 year Health/PE 9

Two years of physical education must be successfully completed to graduate from high school. The course consists of instruction in both physical education and health/wellness for sophomores. Lifetime sports, leisure activities, health and safety are the basic curriculum activities.

ADVANCED PE/FITNESS

(9-12) 1 credit 1 year Instructor Approval

This course will introduce students to weight training. An emphasis will be placed on self motivation. Students will be required to improve in all lifts to successfully pass this course. The lifts include bench press, squat and power cleans. The students will also be required to run a set distance in 10 minutes.

PERSONAL CONDITIONING

**(9-12) 1 credit 1 year PE 9 & 10 or
Instructor approval**

This course will have an emphasis on developing cardiovascular endurance and lifetime skills through the use of the treadmill, walking, and aerobic fitness videos. Students can set up their own personal conditioning program and, with the use of weights and plyometrics, achieve their goals.

LIFETIME SPORTS

**(9-12) 1 credit 1 year Passing PE grades
Instructor approval**

This course will introduce students to a more specific aspect of life time activities/sports. Students will learn strategies ranging from coaching and officiating to participation in these activities. An emphasis will be placed on student involvement, effort and attitude during this class. This class will also use local businesses/facilities to enhance this experience. Respect, responsibility and attendance are a must for anyone entering this class.

MATH

Prerequisite

8th graders may take a high school algebra class normally offered to 9th graders but must be pre-approval to do so. These students would then be able to take classes in advance of what they would normally be eligible for throughout their high school tenure.

***All incoming freshmen are subject to math pre-assessment for placement into high school courses.**

BASIC MATH

(9-12) 1 credit 1 year Administrative Approval

This class includes instruction in the four basic operations, fractions, decimals, and percentages. Instruction also includes introduction into the topics of Pre-Algebra, Algebra and Geometry. Must qualify for Title I services to take this class.

ALGEBRA 1A

(9-12) 1 credit 1 year None

A preparatory course designed to introduce and reinforce beginning algebraic competence and problem solving proficiency. Students will practice general math skills and begin applying them to real-world concepts. This course will continue developing skills used in eighth grade math and develop readiness for higher level math used at the secondary level. Administrative approval shall be required to enter this class.

CONSUMER MATH

(9-12) 1 credit 1 year Instructor approval

Topics covered are life skills involving mathematics: Wages, taxes, checking accounts, saving accounts, investments, loans, as well as review of algebraic and geometric concepts.

ALGEBRA I

(9-12) 1 credit 1 year None

***Also 8th grade with pre-approval**

This course is a traditional first year algebra course. Contents includes: Equations in one variable; equations in two variables; the Cartesian coordinate system; polynomials; algebraic fractions; and factoring. Some time is spent reviewing concepts taught in eighth grade math, then students learn new algebraic concepts in a lecture and practice mode.

GEOMETRY

(10-12) 1 credit 1 year Algebra I

***Also 9th grade with preapproval**

Subjects from plane, solids, non-Euclidean, and coordinate geometry are covered. Some review of Algebra I topics is included in this course. Basic computational trigonometry and problem solving using geometric topics is also a large part of this class.

***This includes eighth graders selected for accelerated math in eighth grade, so they are ahead in math a full year on entering high school.**

MATH

Prerequisite

ALGEBRA II

(10-12)

1 credit

1 year

**Algebra I
Geometry**

Attention is given to the practical, applied aspects of algebra, while concepts from Algebra I are reviewed, broadened and formalized. Normal advancements from this course would be Pre Calculus.

PRE-CALCULUS

(11-12)

1 credit

1 year

**Algebra I
Geometry**

This course provides the student with a rich preparation for college courses in Calculus, abstract algebra probability, matrices and determinants

CALCULUS

(12)

1 credit

1 year

Pre-Calculus

This course deals with the mathematics of change and motion. Applications in the field of economy, psychology, and many of the sciences are discussed throughout the course. A good background in algebra and geometry is essential.

EXTENDED TECHNICAL MATHEMATICS

(10-12)

1 credit

1 year

None

This course presents mathematical topics as they are applied in a trades program. Topics covered include use of measuring tools, measurement systems and dimensional analysis, basic algebra topics, scientific notation, applied geometry, right and oblique triangle trigonometry, and exponential and logarithmic formulas. This class earns high school and college credit.

MUSIC

Prerequisite

CHORUS

(9-12) 1 credit 1 year None

The LCHS Chorus is a performing organization that emphasizes music literacy, vocal technique, and teamwork through the study of different choral musical styles. Requirements for this course include four concerts and performance at the District Music Festival.

CONCERT BAND

(9-12) 1 credit 1 year MS band/Instructor approval

The Concert Band is a performing organization that plays a variety of musical styles while developing instrumental technique and musical literacy. Requirements for this course include four concerts and performance at the District Music Festival. Members of this group may participate in the LCHS Pep Band, an extra-curricular organization that performs at football, volleyball, and basketball games.

MUSIC WORKSHOP

(9-12) 0.5 credit 1 semester None
1 credit 1 year

This course is all about exploring the parts of music you have always been curious about, but never had to chance to learn. Everyone will create their own music-related projects and present them throughout the course. Among the topics covered will be: famous composers from the past and present, music composition, critical listening to music from all musical periods, and much more.

SCIENCE

Prerequisite

PHYSICAL/EARTH SCIENCE

(9-12)

1 credit

1 year

None

Students are provided with comprehensive content coverage of physical science integrated with Earth Science. Students will explore physics and chemistry and learn how these concepts apply to the Earth and Space system. Throughout the class, inquiry based labs will be used to assist students in learning science processes and concepts.

BIOLOGY

(10-12)

1 credit

1 year

Physical/Earth Science

This course covers basic biochemistry, cell structure and function, genetics and heredity, organism classification, as well as a basic overview of plants and animals.

ADVANCED BIOLOGY I

(10-12)

1 credit

1 year

**C or better in Biology
Instructor approval**

The topics covered in Advanced Biology include the evolution of biological populations on Earth, as well as ecology (the relationships between organisms and the living/nonliving environment). Detailed study of microorganisms such as bacteria, viruses, and protists will also be included. In addition, students will study botany (plant anatomy and physiology). A wildflower collection will be required of each student. Some emphasis will be placed on research and scientific writing. This class does not take the place of biology.

FOREST ECOLOGY

(10-12)

1 credit

1 year

**C or better in Biology
Instructor approval**

This elective course covers topics including GPS, compass skills, mapping skills and making maps. Mammal tracking and their role in the ecosystem is also covered. Students will also study Ecology in the forest as well as freshwater lakes and rivers. This course also includes weed management and maintaining the insectory as well as monitoring the results of biocontrol. We conclude by studying Fire Ecology and utilizing the Fireworks curriculum of the USFS. This course utilizes the outdoor classroom setting as much as possible. This class is project and lab-oriented. The course focuses on our region of Montana.

SCIENCE

Prerequisite

CHEMISTRY (11-12)

1 credit

1 year

**Algebra II
Instructor Approval**

Chemistry is a laboratory science in which the student becomes familiar with matter and its structure, its composition and the changes it undergoes during chemical reactions. Both inorganic and organic chemistry are covered. Emphasis is placed upon the understanding of principles rather than memorization. This course has a strong laboratory portion and students are expected to work well with a variety of individuals. Advanced Algebra must be taken in conjunction with Chemistry.

PHYSICS (11-12)

1 credit

1 year

**Algebra II
Instructor Approval**

Physics is the study of the interactions of matter and energy. The topics of dynamics, energy, heat, sound, light, electricity and magnetism are covered. Quantum theory may be included if time permits. This course is taught with an emphasis on understanding of concepts rather than the memorization of formulas. A variety of laboratory activities and problem solving skills that support the concepts are incorporated into the class. Student to have completed Algebra II and it is strongly recommended to they must be taking Pre-calculus or Calculus.

SOCIAL STUDIES

Prerequisite

WORLD HISTORY

(10-11) 1 credit 1 year None

This sophomore class concentrates on world geography and history, with a particular emphasis on certain areas of the world.

AMERICAN HISTORY I

(11-12) 1 credit 1 year None

American History I is a chronological survey of the United States from the American Revolution to the Cold War. Students are required to write a research paper one semester and critique a book related to U.S. History the other semester. This class is open to students in grade 11 and 12.

AMERICAN HISTORY II

(12) 1 credit 1 year Am. His. I

This class is required for seniors. Semester 1 deals with the Vietnam War, a review of the Cold War, and an examination of American Government. Each student will be required to participate in a selected oral presentation. Semester 2 deals with contemporary issues in American Society such as the Prison System, Youth Violence, Child Abuse, Censorship, and Discrimination. Each student will be required to present a contemporary essay on a social issue along with a current events journal.

ALTERNATIVE HISTORY I/II

(11,12) 1 credit 1 year None

This class is for Title English or Resource students only. This course will teach the basic junior/senior history curriculum in a different style.

SOCIOLOGY

(9-12) 0.5 credit 1 semester None

Sociology is the scientific study of human society. In this course we will understand the basics of social investigation, a history of the science and, in the last half of the course, conduct small group sociological investigations, as well as look at case studies and social trends identified in the text the course is based upon.

PSYCHOLOGY

**(9-12) 0.5 credit 1 semester None
9 w/instructor approval**

Psychology is a social science that is the study of mind and behavior. This is an introductory broadfield course that will cover the basics and building principals of psychology. It will explore the different cornerstone careers and focus areas such as abnormal, social, developmental, forensic and cognitive. This course will be a combination of projects, experiments, independent and group work.

VOCATIONAL EDUCATION

BUSINESS/TECHNOLOGY EDUCATION Prerequisite

YEARBOOK/DESKTOP PUBLISHING (10, 11, 12)

1 credit

1 year

B & above in English

Instructor approval

Students will produce a school newspaper and a yearbook in this class. They will learn various journalistic writing styles as well as editing and photography with various computer programs including but not limited to Adobe PhotoShop, Adobe and GoogleDocs. Students will have the opportunity to be involved in every aspect of newspaper and yearbook production. Taking responsibility, self-motivation, and being able to meet deadlines are crucial in this class. Students must have A's and B's in English and be able to work independently. Class size is limited and admission requires instructor approval.

SPORTS MARKETING

(9-12)

.5 credit

1 semester

None

This is an introductory course, which will help students develop a thorough understanding of the marketing concepts and theories that apply to sports and sporting events. The areas this course will cover include basic marketing, target marketing and segmentation, sponsorship, event marketing, promotions, sponsorship proposals, and sports marketing plans. This course will also delve into the components of promotion plans, sponsorship proposals and the key elements needed in sports marketing plans. Students taking sports marketing should have the opportunity to participate in DECA (student marketing leadership organization). DECA related activities and curriculum could be used as an approved part of all marketing classes.

VOCATIONAL EDUCATION

FAMILY LIFE/CONSUMER SCIENCES

Prerequisite

CHILD PSYCHOLOGY

(9-12)

0.5 credit

1 semester

None

This course will help prepare students for jobs in childcare or for child development professions, including teaching. Students will participate in hands-on experiences and instruction in physical, emotional, intellectual, and social development of infants, toddlers, pre-schoolers and school age children. Class projects may include “Baby Think It Over”, classroom observations, learning experiments and cooking with children. **Freshmen need instructor approval.**

CULINARY TECHNIQUES

(10-12)

0.5 credit

1 semester

None

This course is designed to help students understand kitchen workspace, cooking tools, and cooking techniques. Food science will focus in the following areas: Fruits and vegetable, grains, dairy and eggs, meat, baking, and food combinations. On sight Serve Safe certification is available for students receiving adequate scores. Labs are scheduled for once or twice a week. Worksheets, quizzes, exams and projects will be a part of student evaluations.

EARLY CHILDHOOD EDUCATION PRACTICUM

(11-12)

0.5 credit

1 semester

Instructor Approval

This course is for those students seriously interested in an education career. The students will be placed with an elementary teacher and receive hands on experience. Students will be working directly with elementary students in various educational areas. The students will also learn to interpret written directions from a classroom teacher. Projects will include lesson development, lesson preparation, school board meeting reports, and staff meeting reports. Other projects may include bulletin board files and parent correspondence file. An “A” in Child Psychology is a prerequisite for this course.

FIBER ARTS

(9-12)

0.5 credit

1 semester

None

This course will teach basic quilting techniques including foundation paper piecing, traditional quilting, appliqué, hand quilting, and machine quilting. Individual projects will be required as well as group projects. Students will keep job skill logs and set time management goals. Students will need to purchase some supplies depending on projects.

VOCATIONAL EDUCATION

FAMILY LIFE/CONSUMER SCIENCES

Prerequisite

LIFE EXPERIENCES

(9-12) 0.5 credit 1 semester None

This course will cover home life skills including parenting, meal planning, shopping, laundry, cleaning, apartment finding, budgets, insurance and home maintenance projects, auto maintenance, income taxes and check stubs, credit, and checking accounts. Students will learn through hands on experience, research, and class discussions. This class is suggested as a base class for the others.

MEAL MANAGEMENT

(10-12) 0.5 credit 1 semester None

This course is designed to teach the students meal planning, shopping techniques, food labels, nutritional requirements, mealtime customs, theme meals, catering, convenience foods, and foreign foods. On sight Serve Safe certification is available for students receiving adequate scores. Labs are scheduled for once or twice a week. Worksheets, quizzes, exams, and projects will be part of student evaluations.

***HUMAN RELATIONS (REQUIRED)**

(9) 0.5 credit 1 semester None

This course is designed to help students with building a positive self-esteem, improving decision-making skills, developing communication skills, and conflict management techniques. An intense career unit will help students with entry-level job skills. Teen issues to be discussed may include teen marriage, teen pregnancy, divorce, dating and relationships, date rape, substance abuse, stress, and many more. A unit on the human reproductive system will be covered. **This course does not count as a vocational credit.**

INTERIOR DESIGN

(9-12) 0.5 credit 1 semester None

This course is for students wanting to expand their visual awareness and learn the basics of design within the home. This would be a great opportunity for students interested in architecture or fashion merchandising as a career. The elements and principles of design will be taught individually and analyzed. Individual projects will give students hands on practice.

VOCATIONAL EDUCATION

INDUSTRIAL ARTS

Prerequisite

WELDING I

(9-12) 1 credit 1 year None

Students will be required to complete a project on the CNC plasma cutter and a series of test welds using arc and oxy-acetylene welders. The test welds will take approximately 1 semester. The second semester, students will be required to make a project of their choice incorporating the knowledge acquired during the first semester. Students will be required to provide their own coveralls, and purchase safety glasses and gloves at a cost of \$12. Students may be required to pay for project materials.

WELDING THEORY I PRACTICAL

(10-12) 0.5 credit 1 semester Welding I

This is an introductory course presenting the care and use of arc and oxy-fuel welding equipment, regulators, torches, cylinders, power sources, electrodes, characteristics of operation, welding of mild steel and special application weld procedures. Various techniques of welding mild steel and medium steel will be studied. Mechanical properties of metals and types of joints are also presented. This class earns high school and college credit.

WELDING QUALIFICATION TEST PREPARATION

(10-12) 0.5 credit 1 semester Welding Theory 1 Practical

This course provides experienced welders the opportunity to prepare for, practice, and complete the AWS National Welding Certificate exam to AWS D1.1 code. The training will include flat, horizontal, vertical, overhead positions of mild and medium steel. Emphasis is placed on heat and rod selection for various metals, techniques, and exam requirements. Both stick and tig welders will be employed. This class earns high school and college credit.

WOODS I

(9-12) 1 credit 1 year None

The basic knowledge and skills of beginning woodworking are introduced and incorporated into small projects. This will take approximately 1 semester. The second semester, students will be allowed to make projects of their choice. Each student will be required to complete one or more projects, with each new project developing a new and more difficult learning skill. Students will be required to provide their own safety glasses, and will need to pay an \$8 lab fee.

ADVANCED WOODS

**(10-12) 1 credit 1 year Woods I
Instructor's Approval**

This course is a continuation of Woods I involving more advanced processes and projects. There can be a considerable sum of monies involved in the purchase of supplies for projects. Students will be required to provide their own safety glasses.

VOCATIONAL EDUCATION

INDUSTRIAL ARTS

Prerequisite

SMALL ENGINES

(9-12) 1 credit 1 year None

This class covers the fundamentals of small engine repair and servicing. After learning how two-cycle and four-cycle engines work, students will get hands-on, guided experience disassembling a small engine. Students will learn principles of engine operation and construction, the differences between 2 and 4 stroke engines, carburetion, complete disassembly and reassembly of small gas engines, and mechanical components of an engine. The course will also include engine diagnosis, service and overhaul.

STEM ROBOTICS

(9-12) 1 credit 1 year None

Freshman/Sophomore Priority

Students break into teams of three to design, build and program robots. Several travel teams will be selected to compete at the state competition at MSU in Bozeman. Travel teams will be selected based on classroom effort, competitiveness of robot design, and cooperation. It is possible that all teams will be able to attend the state competition. The class will include robotics programming using a “game-like” virtual world programming environment. In addition, engineering and mechanical design skills will be applied resulting in an original robot design to be hand built by the team. Teamwork and collaboration are vital to being successful in this class. Problem solving, troubleshooting and patience are skills that are important and will be developed in this class.

VOCATIONAL EDUCATION **HEALTH SCIENCES**

HEALTH START

(10-12)

0.5 credit

1 semester

None

9 w/instructor approval

This course is designed for the student seriously interested in health care occupations. A focus on the different health care careers will be explored through research, guest speakers, and on site visits. Emphasis will be given on medical terminology through a variety of learning techniques. The local health care employees will be utilized for job shadowing and training sessions. Students will also have the opportunity to obtain American Red Cross First Aid certification (a fee may apply). Students are highly encouraged to have their own technological devices for classroom activities.

FIRST AID/EMT TRAINING

(12)

1 credit

1 year

None

This year-long course will train students to care for sick and injured persons in out-of-hospital settings. The course will include certification in cardiopulmonary resuscitation (CPR), as well as meeting requirements for an EMT course approved by the MT Board of Medical Examiners. Successful completion of the course will allow students to test for EMT certification and then apply for State licensure (two separate things). Students must be 18 to become certified.

Students must be certified AND have graduated high school to become licensed in MT. The certificate of course completion is valid for two years from the end of the course. Additional fees are required for certification and licensure. It is possible to pass this class for LCHS credit but be ineligible to take tests for certification/licensure. Preference is given to seniors, particularly those who will be 18 by graduation. Students must meet certain physical and cognitive strength requirements that would be required of a person to work as an EMT. The course is limited to 12 students and the instructor has final ruling over who may enroll in this course.

SPECIAL PROGRAMS

Prerequisite

CORRESPONDENCE/ INDEPENDENT STUDY COURSES

(11-12)	0.5 credit	1 semester	3.0 GPA in related courses Approved Application
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Lincoln County High School will recognize and accept credits earned through Eureka Alternative School course. The student must obtain approval from the counseling office **PRIOR** to taking the course(s). **Such courses are taken only when the student needs the course to graduate and it is not available due to a scheduling conflict or is not offered by the school. Independent courses may only be taken with administrative approval. This course must have a pre-approved scope and sequence. FEES MAY APPLY.** If a school or program of study is not accredited, the credits will be evaluated in compliance with district policies.

AUDITORIUM ASSISTANT

(10-12)	0.5 credit	1 semester	Instructor Approval
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In the Auditorium Assistant class, students will learn many of the technical components of running a working theater and auditorium. The class will teach light, sound, set, and theater design. Students will also learn how to repair, maintain and work light and sound equipment, while also helping to set up many different types of events that occur in our very busy theater and auditorium. This is a very hands-on and experimental class and is great for the independent student.

LIBRARY ASSISTANT

(10-12)	0.5 credit	1 semester	Instructor Approval
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This course is designed for the student who wishes to learn the skills involved in the day to day operation of the library. These skills include handling the circulation of materials, processing magazines and newspapers, shelving books and magazines, keeping shelves in order and assisting others in the use of the library. Must be approved by library staff.

OFFICE ASSISTANT

(10-12)	0.5 credit	1 semester	Office Approval
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This course is designed for the student who seriously wishes to learn the skills involved in the day to day operation of a professional office environment. These skills include: the exercise of communication skills in person and by telephone with students, parents, teachers and the general public, assisting in the keeping of accurate records dealing with all facets of attendance, the development of positive relationships with co-workers, honing character traits of punctuality, dependability and trustworthiness and developing skills on a variety of office machines. **Application must be completed and approved by office staff.**

SPECIAL PROGRAMS

Prerequisite

TEACHER AIDE

(11-12)

0 credit

1 semester

Teacher Approval

Student aides assist teachers by typing, grading papers, filing, and duplicating instructional materials. Students do not receive academic credit and are limited to one aide position per semester and only 2 years. Must complete application in order to be considered. Sophomores will be considered only with administration approval.

TEACHER AIDE TUTOR

1 credit

1 year

Instructors approval

This class is for students wanting to go into the field of education or human service. Students must have teacher approval. The requirements are more intensive than other TA's. Student's work with special needs students. The student will be required to read about different handicapping conditions, and other articles dealing with special needs children. Also required is daily journaling, meeting with teacher and papers are required.

WORK EXPERIENCE

(11-12)

0.5 credit

1 semester

Administrative approval

Making the transition from school to work is one of the most important events that will occur during a person's lifetime. Although most of a student's formal school years are involved in a traditional form of school-based education, we offer programs where you can learn about the world of work by being involved as a working or observing student in a realistic work or job environment. In addition, we provide additional career exploration activities through job shadowing, field trips and incorporating career and vocational training with regular classroom instruction. Juniors may have 1 period of work release and seniors may have 2. See School-to-Work coordinator for more information.

FRESHMAN SEMINAR

(9)

1 credit

1 year

Instructor approval

This course will consist of goal setting, character enhancement, and effective ways to achieve a better grade point average. One book that will be used is "The 7 Habits of Highly Effective Teens." Students will focus on study habits, as well as making the most of their freshman year for a solid start to their high school career. Some class time will be used to work on a class that is a struggle for each individual student. Students will also work on writing skills to enhance success in other academic areas.

MONTANA DIGITAL ACADEMY

The MTDA is a state-sponsored online school that provides a variety of courses for Montana high school students and changes course offerings each semester. Regardless of the size of the high school, MTDA enables students from rural schools to have the same access to courses that large high schools may offer (and courses that are not offered elsewhere, such as Latin). These classes are accessible 24 hours a day, seven days a week with a certified Montana teacher available to answer questions. Students must be scheduled in the alternative school for one period for each approved course. These courses are approved by the Montana Office of Public Instruction (OPI) and transfer to any high school. Currently there is no charge. To access the available courses, please see the MTDA website <http://montanadigitalacademy.org>. Courses must be approved by the principal, counselor, alternative school teacher and parents/guardians.

SPECIAL PROGRAMS

Prerequisite

RUNNING START (11-12)

Pass the COMPASS test

Running Start is a **dual credit** program between Lincoln County High School and Flathead Valley Community College- Lincoln County Campus where juniors and seniors earn credit simultaneously for high school graduation and toward a college degree. The Running Start program enables an eligible high school student to seek an expanded educational challenge. The student enrolls simultaneously in high school and college classes for the purpose of earning credit to be awarded both by LCHS and FVCC-LCC. Classes taken at FVCC-LCC as part of the Running Start program are limited to college level courses numbered 100 or above.

A student must take and pass the COMPASS test to be eligible to take FVCC College classes. Students and parents will be responsible for all tuition and fees. Six college credits are offered free for LCHS juniors and seniors.

Once students enroll under this program and begin attending FVCC-LCC, they will be considered regular college students. The college faculty will expect the same level of classroom participation, study habits, and homework as they expect from all other students in the class.

Running Start classes will be counted toward extra-curricular eligibility rules, and will be compiled as part of the GPA, but will not be counted in the computation of Top Ten GPA's. The grade earned will be on the student's high school transcript as well as their college transcript.

Credits earned at FVCC-LCC will be accepted in the LCHS credit system as follows:

<u>FVCC Credit</u>	<u>LCHS Credit</u>
1.0	.15
2.0	.25
3.0	.50
4.0	.75
5.0	1.00

The COMPASS test is offered at LCHS. Please see the counselor for an appointment. It is also offered at FVCC, and an appointment can be made by calling 756-3880. Students should contact their high school counselor for procedures to enroll in the Running Start program.

OTHER COURSES

Prerequisite

MATH I

1 credit

1 year

Must have an IEP

This class includes instruction in the four basic operations in fractions, decimals, and percentages. Time is spent on life-skills math including shopping, discounts, buying household items etc. You must have an IEP to attend this class.

MATH II

1 credit

1 year

Must have an IEP

This class builds on Math I, and includes instruction in checking/saving account, purchasing on time, and working with consumer math problems. Time is spent reviewing, and building upon, the four basic operations. You must have an IEP to attend this class.

LANGUAGE I-II

1 credit

1 year

Must have an IEP

This class includes extensive daily writing, spelling and vocabulary building, and content reading. The goal is to have students show improvement, and a steady climb toward grade-level performance. You must have an IEP to attend.

LANGUAGE III-IV

1 credit

1 year

Must have an IEP

These classes are an extension of Language 9-10. In addition, time is spent on research/writing, journal writing and poetry. Daily involvement and participation are stressed. You must have an IEP to attend.

TRANSITIONS WORLD HISTORY

1 credit

1 year

Must have an IEP

This class is for students who need more help in learning activities. Students will learn about the World's history from the prehistoric man, through today.

TRANSITIONS US HISTORY

1 credit

1 year

Must have an IEP

This class is for students who need more help in learning activities. Students will learn about the United States history from landing in New England through what is going on in the US today.

OTHER COURSES

Prerequisite

TRANSITIONS GOVERNMENT

1 credit

1 year

Must have an IEP

This class is for students who need more help in learning activities. Students will study about the Government of the US, state and local governing bodies. Also they will learn about documents such as Declaration of Independence, Constitution, and how a bill becomes law.

TRANSITIONS ECONOMICS

1 credit

1 year

Must have an IEP

This class is designed to help students understand budgeting, checking and savings accounts along with investments.

BIOLOGY TRANSITIONS

1 credit

1 year

Must have an IEP

This course designated to cover cell structure and functions organism classification as well as a basic overview of plants and animals. The course will also cover water sources and soil classification.

PHYSICAL/ EARTH SCIENCE TRANSITIONS

1 credit

1 year

Must have an IEP

Basic earth science concepts and related environmental issues are presented in an inviting format with hands on experiences. Students will understand terms related to these basic earth and space concepts. This is a transitional class and students must have instructor permission.

GUIDED STUDY

(9-11)

0.5 credit

1 semester

Must have an IEP

1 credit

1 year

Must have an IEP

This class is for students who need to learn strategies and extra help with their homework from other classes.