

**LINCOLN COUNTY
HIGH SCHOOL**

**COURSE DESCRIPTION
BOOKLET
2010/2011**

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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.

- **In the year 2010, 80% of new jobs will require education beyond high school, which may include technical training and two or four year college degrees.**
- **Lifelong learning is a reality, not just for its own sake but as a demand of the work place.**
- **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
P.O. Box 2000
Eureka Public School District #13
Eureka, Montana 59917
www.lchigh.net
(406) 297-5700

SCHOOL PROFILE

SUPERINTENDENT: Jim Mephram (406) 297-5637

PRINCIPAL: Joel Graves (406) 297-5702

REGISTRAR: Barbara Dierman (406) 297-5716

GUIDANCE COUNSELOR: Sheila Bartmess (406) 297-5718

COUNSELOR ASSISTANT: Charlotte Engleson (406) 297-5717

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 360 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 or online. These classes provide dual credit (both High School and College credit).

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. Students need 23 credits to graduate. Each semester course is awarded one-half credit.

<u>Required Courses</u>	<u>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
Jobs for Montana Grads	0.5
Consumer Economics	0.5
Electives	6.5

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

AP = Advanced Placement TA = Teacher's Aide (no credit)
HON = Honors IND STUDY = Independent Study
FVCC = Flathead Valley Community College "Running Start" Course

GRADUATION REQUIREMENTS

Below 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

A total of 23 credits are required for graduation.

English	4.0
Social Studies (World History, Am. History I, Am. History II).	3.0
Science	2.0
1 from Physical/Earth Science	
1 from Biology, Adv. Biology, Chemistry, Physics, Forest Ecology	
Mathematics	2.0
Health Enhancement.....	2.0
Vocational Arts (Bus. Ed., Fam/Con Sciences, Ind. /Tech. Ed.)	1.0
Fine Arts (Art, Music, Foreign Language).....	1.0
Human Relations (Freshman).....	0.5
Jobs for Montana Grads (Freshman).....	0.5
Consumer Economics (Seniors/Juniors).....	0.5
Electives.....	6.5
Total Credits.....	23.0

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, TECH-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

Science 2 years

Social Studies 3 years

Two years chosen from these options:

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

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-four (24) credits including the following:

- **Math: Geometry and Algebra II or Integrated Math II**
- **Science: One year of Advanced Biology, Chemistry, Physics or Forest Ecology**
- **3 credits chosen from the following:**
 - Foreign Language**
 - Visual or performing arts**
 - Vocational units meeting OPI requirements**

No correspondence or independent study may take the place of required subjects for Top Ten Ranking. Foreign Exchange students are not eligible. See Student Handbook for further rules.

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 as worksheet assistance. 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 attending college. 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 classes will not be taught from time to time due to unavailability of the class or low class numbers.

See the counselor if you have questions.

NOTE:

All vocational classes need instructor's approval, with seniors having first choice.

All students wishing to take a Fitness class must be pre-approved.

A student may take only 1 TA per semester.

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

FRESHMAN

1. ***English 9, English I (with administrative approval), or Honors English 9 (with administrative approval)**
2. ***Physical/Earth Science**
3. ***Human Relations, 1 semester , *Jobs for Montana Grads, 1 semester**
4. ***Health/PE 9**
5. ***Math**_____
6. **Elective**_____
7. **Elective**_____
8. **Elective(alternate)**_____

Your plans after High School Graduation-(Please circle one)

College

Technical School

Unknown

***Required**

SOPHOMORE

1. ***English 10, English II (with administrative approval), or Honors English 10 (with administrative approval)**
2. ***Health/PE 10**
3. ***Math _____**
4. ***Science: Biology [Chemistry, and/or Physics, Adv. Biology (see prerequisites in course description)]**
5. ***World History**
6. **Elective/Credit Recovery (if needed) _____**
7. **Elective _____**
8. **Elective(alternate) _____**

Your plans after High School Graduation-(Please circle one)

College

Technical School

Unknown

***Required**

JUNIOR

1. ***American History I or Alternative History I (with administrative approval), and World History if not taken Sophomore year**
2. **English 11, English III (with administrative approval), or Honors English 11 (with administrative approval)**
3. ***Consumer Economics (shall be taken as a Junior or Senior)**
4. **Elective/ Credit Recovery (if needed)_____**
5. **Elective_____**
6. **Elective_____**
7. **Elective_____**
8. **Elective(alternate)_____**

Your plans after High School Graduation-(Please circle one)

College

Technical School

Unknown

***Required**

SENIOR

1. *American History II or Alternative History II (with administrative approval) or Honors Am. Hist. II

2. *English reading elective _____
(alternative) _____

3. *English writing elective _____
(alternative) _____

Or *English IV (title) replaces 2 & 3

4. *Consumer Economics (1 semester if not taken as a Junior)

5. Elective/Credit Recovery (if needed) _____

6. Elective _____

7. Elective _____

8. Elective(alternate) _____

Your plans after High School Graduation-(Please circle one)

College

Technical School

Unknown

***Required**

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 (Title)
English IV (Senior English)
English 9
English 10
English 11
Honors English 9
Honors English 10
Honors English 11
Advanced Composition
Journalism/Yearbook
World Literature
Mythology
Creative Writing
Business English
Multicultural Literature
Contemporary Literature
Young Adult Literature

FOREIGN LANGUAGE

Spanish I
Spanish II
French I
French II

HEALTH ENHANCEMENT

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

MATHEMATICS

Basic Math I/II (Title)
Consumer Math
Pre Algebra
Algebra I
Geometry
Algebra II
Pre Calculus
Calculus

MUSIC

Concert Band
Chorus
Select Chorus
Music Workshop

SCIENCE

Physical/Earth Science
Biology
Biology Inclusion
Advanced Biology
Chemistry
Physics
Forest Ecology

SOCIAL STUDIES

World History
American History I
American History II
Alternative History I/II
Montana History

SPECIAL PROGRAMS

Running Start = Dual Credit classes (HS/College credit) see Counselor
Independent Study – See Counselor
Library Assistant (credit course)
Office Assistant (credit course)
Teacher Aide (no credit)
Title Aide
Mentorship/Leadership
Work Experience – Must take for credit

VOCATIONAL EDUCATION

BUSINESS EDUCATION

Accounting I
Marketing Essentials
Street Law
*Consumer Economics
*Jobs for Montana Grads
*Required, DOES NOT count as a Vocational Credit

COMMUNICATION TECHNOLOGY

Introduction to CAD
Advanced CAD
Architecture
Digital Graphic Design
Digital Video Production
Photography

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

INDUSTRIAL ARTS

Welding I
Woods I
Advanced Welding
Advanced Woods
CNC Design

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 (9-12)	1 credit	1 year	None
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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

ART I

(9-12)

1 credit

1 year

Prerequisite

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)

0.5 credit

1 year

Instructor approval

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.

ENGLISH

Prerequisite

REQUIRED COURSES: Freshmen must complete a full year of English 9, Hon. English 9 or Basic English I. Sophomores must complete a full year of English 10, Hon. Eng 10 or English I/II. Juniors must complete a full year of English 11, Hon. English 11 or English III. Seniors must complete a one semester writing elective and a one semester reading elective.

BASIC ENGLISH I, II, III, IV

(9-12)

1 credit

1 year

**Administrative
Approval**

This class is offered to freshmen-seniors. It provides instruction in spelling, expressive language, reading and comprehension of written material, all of which have a vocational emphasis and application. Requires the permission of the instructor for admission.

FRESHMAN ENGLISH

(9)

1 credit

1 year

None

Students will study five-paragraph essay format for narrative, expository and persuasive essays. They will research and write mini-research papers using correct documentation. Grammar and vocabulary study will be used to reinforce writing skills. Reading literature, both as a class and with individual choices, will be a major focus. Study skills, organizational skills and media literacy are also included.

SOPHOMORE ENGLISH

(10)

1 credit

1 year

None

Sophomores will read a variety of literature, including both in and out of class novels, short stories, etc. They will concentrate on writing various types of essays while reinforcing grammar and vocabulary skills. They will learn correct documentation for citing sources. They will do a career research paper as well as collaborative papers with other classes.

JUNIOR ENGLISH

(11)

1 credit

1 year

None

This class is required for all juniors. The focus will be on writing, literature and public speaking. The elements for writing will include vocabulary and grammar, and the writing process. Students will have extensive practice in writing a variety of essay types, including narrative, expository and persuasive. Students will also produce at least one research paper with proper documentation. The literature component will focus on a wide variety of American literature, including several novels. In addition, there is a speech component which will focus on public speaking and critical listening skills. Students will plan, write and present speeches on a variety of topics, including speeches to inform and persuade. They will also learn to provide oral argumentation, evaluate arguments and analyze their audience. Students will present several speeches in groups, but most will be done individually.

HONORS ENGLISH

(9,10,11)

1 credit

1 year

**Instructor approval
All A's & B's in English**

This is an accelerated class which includes everything from the regular English curriculum but is more intense in content, structure and pace. This class is recommended for students who plan to continue on to a four-year college following high school. A's and B's in English plus teacher recommendation and approval are required for admission into this class.

ENGLISH

Prerequisite

LITERATURE/READING ELECTIVES:

***WORLD LITERATURE**

(11, 12) **0.5 credit** **1 semester** **None**
– Includes some Shakespeare as well as works by other British authors. Will also include translated works by authors from other countries. The class requires considerable outside reading and class discussion as well as writing assignments based on the assigned literature.

CONTEMPORARY LITERATURE

(11, 12) **0.5 credit** **1 semester** **None**

This class includes a wide range of literature, everything from current best sellers to Pulitzer and Nobel Prize winners to young adult and children’s literature, including Newbery and Caldecott award-winners. Students will choose books from each of these categories to read and report on. The class involves considerable reading as well as some discussion, research and writing.

***MYTHOLOGY**

(11, 12) **0.5 credit** **1 semester** **None**

Includes the study of Greek and Roman mythology using Edith Hamilton’s Mythology and other resources. In addition, students will be required to read one outside reading book from a list provided by instructor. This class involves considerable reading, as well as some discussion, writing and research. If time allows we will also read from mythologies of other cultures.

YOUNG ADULT LITERATURE

(11, 12) **0.5 credit** **1 semester** **None**

This class will focus on novels and short stories written specifically for teens and young adults. Students will read some whole-class novels but will also have the opportunity to read young adult fiction of their choice. Besides reading and discussion of the literature, this class will also require literary analysis and writing some essays on the literature.

MULTICULTURAL LITERATURE

(11, 12) **0.5 credit** **1 semester** **None**

This class includes representative literature of some of the main cultural groups in the United States, including Native American, African American, Asian American and Hispanic/Latino. Students will read novels representative of each group, some books of their own choice and some as a whole class. They will also do group research into the various cultures and their influence on the U.S.

FOREIGN 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.

FRENCH I

(9-12)

1 credit

1 year

**A or B in English
Recommended**

In this introductory course in French, students are exposed to a French vocabulary of about 5,000 words. Additionally students study various cultures and the geography of French-speaking countries. Students have the opportunity to develop an appreciation of the French 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.

FRENCH II

(10-12)

1 credit

1 year

C or better in French I

As a continuation of French I, this course will expand students' knowledge of the history and culture of the Francophone world, augment vocabulary and grammar skills, and provide opportunities to increase listening and speaking abilities.

*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) 0.5 credit 1 semester 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.

ADVANCED CONDITIONING

(9-12) 0.5 credit 1 semester Instructor approval

This class is designed for those students interested in becoming totally fit. We will measure body fat index and work towards tone and/or weight loss, depending on what each individual student's goals are. We will do stretching exercises, jogging, lifting weights, and using the treadmill or elliptical machines. There may also be some aerobic exercises and yoga

MATH

Prerequisite

8th graders may take a high school algebra class normally offered to 9th graders but must have pre-approval to do so. This class will appear on the High School transcript as a credit and not compiled as part of the GPA until 2013. 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 I/II

(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.

PRE-ALGEBRA

(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.

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.

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.

MATH

Prerequisite

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.

CONSUMER MATH/GENERAL MATH

(11-12)

1 credit

1 year

None

This course consists of a review of Pre-Algebra, Algebra, and Geometry. Other topics include consumer applications including simple and compound interest, loans, investment, and checkbooks.

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. Open to grades 9-12.

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. Open to grades 9-12.

SELECT CHORUS

**(9-12) 1 credit 1 year LCHS Chorus
Instructor approval
Successful audition**

This choir sings advanced music in a variety of styles and performs for school and community events during school hours and after school hours. Previous enrollment in 8th grade chorus or LCHS chorus is highly recommended, but not required. Students can also sing in both choral groups. Auditions are held in the spring and before 2nd semester, if vacancies exist. There are extracurricular duties attached to membership in this group, requiring eligibility under the district extracurricular activity policy. Requirements for this course include four concerts and performance at the District Music Festival. Open to grades 9-12.

MUSIC WORKSHOP

(10,11,12) 0.5 credit 1 semester Instructor approval

Music Workshop is for the student who would like to learn voice or to play the guitar, piano, or a band instrument at any level. This course requires the student to develop, execute, and evaluate a learning plan to meet their specific learning goals. In addition to these goals, each student will successfully complete weekly computer-based music theory, and demonstrate prepared pieces for the class every two weeks. A final portfolio project is required. This course can be repeated for credit. Open to grades 9-12.

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 Earth and Space system. Throughout the class, inquiry based labs will be used to assist students in learning science processes and concepts.

BIOLOGY

(9-12) 1 credit 1 year 9th w/ Admin. approval

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 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

(12) 1 credit 1 year None

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

MONTANA HISTORY

(9-12) 0.5 credit 1 semester None

This class is an examination and evaluation of the political, social, cultural, and economic heritage of Montana as a territory and a state. This class examines Montana's origins as a part of the American West from a pre-contact era into the twenty-first century.

VOCATIONAL EDUCATION

BUSINESS EDUCATION

Prerequisite

Several of the vocational courses being taught are *Tech Prep Classes. What is Tech Prep? Tech Prep is a program that combines high school and college curriculum credits leading to a two-year Associate Degree in a high demand occupation. Ask your guidance counselor for more information!

ACCOUNTING I

(9-12) 1 credit 1 year None

The objective of the Accounting I course is to give each student an overview of the complete accounting process in its simplest form. Emphasis is on the basic principles, concepts, and procedures of accounting that every student must understand if expecting to enter the world of business. Also, this course would be helpful to a future owner or manager of a business in directing the operation of that organization.

ACCOUNTING II

(10-12) 1 credit 1 year Accounting I

This class is offered to all students who have taken Accounting I and want to learn automated accounting on the computer. Learn to record transactions and prepare financial statements at the touch of a button. Current computerized accounting programs, such as DacEasy and Peachtree, will be compared to see differences and similarities in the accounting business. Get a head start before you enter the world. Most all companies and corporations are using automated accounting in their business.

STREET LAW

(10-12) 1 credit 1 year None
0.5 credit 1 semester

Street Law is a course which provides each student with an introduction to the U.S. legal system. It covers both civil law and criminal law, briefly covering such areas as the overall structure of the court system, the different steps of a lawsuit and the different components of a trial. Legal topic areas include contracts, specific areas of criminal law, negligence issues, property ownership, business law, landlord/tenant law, and law enforcement. Emphasis is placed on class participation and involvement in discussion. Guest speakers also highlight the semester's curriculum.

***JOBS FOR MONTANA GRADS (REQUIRED)**

(9) 0.5 credit 1 semester None

This course prepares high school students to successfully transition from school to work. Students will enhance their career awareness, self-esteem and work readiness, and it will prepare them for meaningful career-oriented jobs, matching students with community job opportunities and providing long-term follow-up to facilitate their successful transition from school to work. Students' instruction includes units of career planning, decision making, job seeking, and job retention. Course is designed to stimulate students' initiative, teamwork, leadership skills, and communication skills. It provides opportunities for students to develop personal goals and evaluate their progress toward attaining those goals.

VOCATIONAL EDUCATION

BUSINESS EDUCATION

Prerequisite

***CONSUMER ECONOMICS (REQUIRED)**

(11-12) 0.5 credit 1 semester None

This course is a study of economic theory as it applies to consumer decision-making. The course discusses principles of individual economic behavior relating to risks, lifestyles, time streams of income and expenditure, and taxes. Academic theory is complemented by examples of practical decisions regarding consumer savings, investing, and budgeting. The material emphasizes the use of credit, insurance, housing, transportation, career choice, retirement, and estate planning. Students will complete their Senior Portfolio in this class. A community service component will be required with this course also. **This course does not count as a vocational credit.**

MARKETING ESSENTIALS

(10-12) 0.5 credit 1 semester None

This course will provide the student with the knowledge needed to understand entry level requirements of the business and marketing professions. Topics include sales theory for placement, price, and promotion of products. Activities include participation in the business challenge, leadership training, and an advertising project. Students will also develop skills to market themselves in the business world. A computer simulation for a football franchise is incorporated and lets students handle promotion, develop ticket pricing strategies, evaluate stadiums and city locations, control stadium operations and staffing, find sponsors and licensing deals, and more.

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 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 safety glasses, gloves, and coveralls. Some expense is required of students for materials.

ADVANCED WELDING

(10-12)

1 credit

1 year

**Welding I
Instructor Approval**

The knowledge of Mig welding and machining will be introduced and then applied in individual projects. A series of welding joints as well as a small lathe project will be required. Students will be required to provide their own safety glasses, gloves, and coveralls. Some expense is required of students for materials.

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.

CNC DESIGN/SIGN MAKING

(9-12)

0.5 credit

1 semester

None

The basic concepts involved with CNC (Computer Numeric Control) design and machining will be introduced and then applied to various projects. Some examples of these would be 1. Sign making 2. Sports awards 3. Photo carving. 4. Part cutting. 5. Clocks 6. Cribbage boards and 7. Individual designs. Students must provide their own safety glasses for this course. Any projects taken home by the student will have to be paid for by the student.

VOCATIONAL EDUCATION

COMMUNICATION TECHNOLOGY

Prerequisite

INTRODUCTION TO CAD

(9-12)

0.5 credit

1 semester

Must have taken or be enrolled in Pre Algebra or Algebra

Learn how to use Computer Aided Drafting/Design software (AutoCAD) to create 2D engineering drawings. There will be also be “design and build” engineering competitions such as bridge building and pop bottle rockets.

ADVANCED CAD

(9-12)

0.5 credit

1 semester

Intro to CAD

Learn how to create three-dimensional engineering designs using the 3D-CAD program *Inventor*. Your designs can be viewed from any angle and you can apply a variety of materials, from chrome to plastic, to your designs. Time will be devoted to a major free choice project. Students will also research an engineering career and prepare a power point on it.

ARCHITECTURE

(9-12)

0.5 credit

1 semester

None

After learning how to identify different architectural styles and what makes a good floor plan, students will design and draw a set of architectural house plans using the software *Chief Architect*. This includes a floor plan, the four outside elevation views and a plot plan with landscaping. You will also create 3D interior and exterior views.

DIGITAL GRAPHIC DESIGN & WEB PAGE DESIGN

(9-12)

0.5 credit

1 semester

None

Learn how to use the computer to design effective and visually attractive graphical documents. Students will use the scanner and digital camera plus use photo manipulation software (*Photoshop*) to create their graphics. You will also learn how to create effective web pages and publish your graphic designs on the Internet.

VOCATIONAL EDUCATION
COMMUNICATION TECHNOLOGY

PREREQUISITES

DIGITAL VIDEO PRODUCTION

(9-12) 0.5 credit 1 semester None

Learn how to create videos using the camcorder in conjunction with the computer. All editing will be done digitally on the computer using the software *Premier*. The skills you learn in this course, including how to use the camcorder, script writing, camera angles and shots, and digital editing techniques, will help you create professional quality videos.

PHOTOGRAPHY

(9-12) 0.5 credit 1 semester None

Learn the basic fundamentals of the art and technique of black and white photography with an emphasis in the techniques of picture taking, film developing, and darkroom printing. Students will develop an aesthetic appreciation of photography through the introduction of principles of design and composition, which help students express their own creativity. It is highly recommended that students have access to a fully manual 35mm SLR camera of their own. If students do not have their own cameras they can use the limited number loaner cameras available through the class. **Students must be willing and able to take pictures on their own time (after school & on weekends).**

SPECIAL PROGRAMS

Prerequisite

CORRESPONDENCE/

INDEPENDENT STUDY COURSES

(11-12)

0.5 credit

1 semester

**3.0 GPA in related courses
Approved Application**

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.

LIBRARY ASSISTANT

(10-12)

0.5 credit

1 semester

Instructor Approval

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

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 telephonically 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.

JOB SKILLS

(9-12)

0.5 credit

1 semester

The Job Skills course will be a class that students can serve their school and community while developing various job skills. The students in this class will learn life long working skills and perform different tasks that will better their surroundings. Tasks would include things such as: visiting and helping at the nursing home, senior citizen's center, and community members in need. In addition to helping in the community the students would take the opportunity to better their own school as well. Helping with tasks around the school such as grounds, maintenance, minor cleaning of buildings and busses, and any other area that comes up to make the school more productive. The students will also be given the opportunity to learn life skills such as gathering Christmas trees, firewood, shoveling snow, raking leaves, cooking, etc. for people in need.

SPECIAL PROGRAMS

PREREQUISITE

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, here at Lincoln County High School, as well as many other schools throughout the country, we are offering 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 to these types of activities we provide additional career exploration activities through job shadowing, field trips and incorporating career and vocational training with regular classroom instruction. LCHS appreciates input from students, employers and parents as to what we might include in the future to make this training more useful and beneficial. Juniors have 1 period of work release and seniors may have 2 periods.

See School to Work coordinator for more information.

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.

MENTORSHIP/LEADERSHIP

(10-12)

0.5 credit

1 semester

Administrative Approval

Learn leadership skills through a hands-on project for a cause you care about. Course covers leadership and decision making styles, conflict resolution, creative problem solving, building partnerships, and how to collaborate effectively. Choose or design your project based on your interests and passions. Make a real difference! Just a few possibilities: mentor a younger kid who needs a special friend, shoot video or build a website for an organization, work outside in the forest or community, design and publish a newsletter, teach elders to use computers, fight poverty and disease at home or around the world...bring your ideas. ½ credit per semester, repeatable. Students 17 and up can apply for a \$1000 scholarship.

SPECIAL PROGRAMS

RUNNING START

(11-12)

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.

Students and parents will be responsible for all tuition and fees, excepting scholarships which may be offered by LCHS.

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.

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

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

Students should contact their high school counselor for procedures to enroll in the Running Start program.

OTHER COURSES

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 9-10

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 11-12

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.

TA APPRENTICE

1 credit

1 year

Instructors approval

TA (apprentice) (1 credit) 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.

TRANSITION 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.

TRANSITION 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.

TRANSITION 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.

TRANSITION 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.

STUDY SKILLS

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.

TRANSITION BIOLOGY

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.