

Lake County High School 2018-2019 Course Catalog



LAKE COUNTY
PANTHERS

Mission:

Lake County High School (LCHS) prepares well-rounded, compassionate, and engaged students for a future they choose.

Vision:

At Lake County High School, students explore their passion in academics, arts, athletics, and the natural world in a diverse, multicultural environment. We support students through individual academic and career planning, work closely with community partners, and challenge students to grow into compassionate leaders and citizens. Underlying this work is a strong academic culture in which students choose meaningful coursework that meets their intellectual needs and prepares them to be informed, engaged citizens.

Values:

LCHS holds the following Lake County School District core habits of a learner and seeks to authentically follow them in our pursuit of our Mission and Vision.

- Perseverance
- Collaboration
- Creativity
- Craftsmanship
- Compassion
- Responsibility
- Curiosity
- Respect

Program Highlights:

- LCHS is a comprehensive 7-12 school offering traditional liberal arts curriculum in 7-10th grade.
- LCHS works with students and families to choose an Early College or Career track that best meets their goals and determines their coursework during 11th-12th grades.
- LCHS partners with Colorado Mountain College's Leadville campus and other local partners to offer students access to degree and certificate programs.
- LCHS utilizes expeditionary learning practices such as Crew, outdoor experiences, milestones, and meaningful fieldwork in our beautiful mountain setting.
- LCHS offers an incredibly wide variety of athletic, musical, and artistic activities to help students become well rounded and creative.
- LCHS students have access to rich and engaging after school programs and activities during school breaks that include challenging and rewarding outdoors experiences through nationally renowned community partners.
- LCHS utilizes our rich diversity to allow students to earn a bi-literacy certificate through coursework in English and Spanish.

Graduation Requirements

Lake County High School Graduation Requirements (Class of 2021 and beyond)

Early College Pathway (24.00+ Credits)													
9th Grade Crew	English 9	1.00	Integrated I	1.00	Geography	0.50	Physics First	1.00	Spanish Language Arts I or Spanish I	1.00	Health and Fitness	0.50	2 Semesters of Electives (May be from those listed below)
					American Government / Civics	0.50					Ethics in Leadership	0.50	
10th Grade Crew	English 10	1.00	Integrated II	1.00	Modern US and World History	1.00	Biology	1.00	Spanish Language Arts II or Spanish II	1.00	4 Semesters of Electives (May be from those listed below, such as PE or Art)		
By the end of 10th Grade, an Individual Career and Academic Plan (ICAP) must be completed and signed by Student, Parents, Crew Leader, and Administrator.													
11th Grade Crew	English Electives	2.00	Integrated III	1.00	Social Studies Electives	1.00	Science Electives	1.00	Art or Music Electives	1.00	Gym or PE Electives	1.00	40 Hours of Service Learning or Community Service Project
12th Grade Crew			College Algebra (MAT 121) or Algebraic Literacy (MAT 055)	1.00	Personal Finance	0.50	ICAP Determined Electives 4.50+ (This includes electives that may have been taken during 9th or 10th grade year)						
Each student must pass all 8 semesters of Crew													

Career Pathway (24.00+ Credits)													
9th Grade Crew	English 9	1.00	Integrated I	1.00	Geography	0.50	Physics First	1.00	Spanish Language Arts I or Spanish I	1.00	Health and Fitness	0.50	2 Semesters of Electives (May be from those listed below)
					American Government / Civics	0.50					Ethics in Leadership	0.50	
10th Grade Crew	English 10	1.00	Integrated II	1.00	Modern US and World History	1.00	Biology	1.00	Spanish Language Arts II or Spanish II	1.00	4 Semesters of Electives (May be from those listed below, such as PE or Art)		
By the end of 10th Grade, an Individual Career and Academic Plan (ICAP) must be completed and signed by Student, Parents, Crew Leader, and Administrator.													
11th Grade Crew	English Electives	1.00	Personal Finance	0.50	Art or Music Electives	1.00	Gym or PE Electives	1.00	40 Hours of Service Learning or Community Service Project				
12th Grade Crew			Career Math / WorkKeys	0.50					ICAP Determined Electives 9.00+ (This includes electives that may have been taken during 9th or 10th grade year)				
Each student must pass all 8 semesters of Crew													

CREW

9/10 Crew

YEARLONG Class

Prerequisite: None

Description: This course guides students to create and fulfill their Individual Career and Academic Plan (ICAP). ICAP is a multi-year process that intentionally guides students and families in the exploration of career, academic and postsecondary opportunities. With the support of adults, students develop the awareness, knowledge, attitudes, and skills to create their own meaningful and powerful pathways to be career and college ready. Every 9th and 10th grade student takes this course every semester. Attendance is mandatory and passing this course every semester is required for graduation.

11/12 Crew

YEARLONG Class

Prerequisite: None

Description: This course guides students to create and fulfill their Individual Career and Academic Plan (ICAP). ICAP is a multi-year process that intentionally guides students and families in the exploration of career, academic and postsecondary opportunities. With the support of adults, students develop the awareness, knowledge, attitudes, and skills to create their own meaningful and powerful pathways to be career and college ready. Every 11th and 12th grade student takes this course every semester. Attendance is mandatory and passing this course every semester is required for graduation.

ENGLISH LANGUAGE ARTS

ENGLISH 9

YEARLONG Class – 1.0 Credit

Prerequisite: Successful completion of eighth grade language arts

Description: English 9 is a course focusing on fundamental reading and writing skills. Students will be introduced to a variety of texts that explore different human experiences across cultures and times with an overarching theme of identity and coming of age. Anchor texts include: *Absolutely True Diary of a Part-Time Indian*, *The Book Thief*, *The Outsiders*, *Night*, and *The Giver*. Supplemental texts will include short stories, poetry, and informational texts. In addition, students will learn and practice literary elements, vocabulary, and grammar.

ENGLISH 10

YEARLONG Class – 1.0 Credit

Prerequisite: Successful completion of ninth grade language arts

Description: This course prepares students to proficiently analyze literature as an expression of humankind's innate longing to construct meaning out of the complex materials of human experience. Beginning with and working from their existing literacies, the teacher will apprentice students into the processes of expert reading, composing, speaking, and listening. On a daily basis, students will read, write, and argue through close-reads, literature circles, and Socratic seminars based upon meaningful complex texts that serve students' intellectual, social, and emotional needs. Fictional texts will include a variety of short stories as well as novels—such as *The Catcher in the Rye*, *Lord of the Flies*, and *Of Mice and Men*, among others. Non-fiction texts will augment the study of the aforementioned.

TECHNICAL READING AND WRITING

Dual Enrollment (ENG 092 & ENG 091)

YEARLONG Class: 1.5 Credits

Prerequisite: Students with Junior and Senior status

Description: This course will focus on technical reading and writing skills within specific job areas. It will work as a prerequisite for the Accuplacer test and college classes. Students will build language knowledge and skills that correlate with specific job and career opportunities such as resume and cover letter writing, applications, and interviews. This class is intended for students on the Career Pathway taking Culinary Arts, Electrical, or Welding at CMC. This class will be held on the CMC campus.

CMC ENGLISH COMPOSITION I

Dual Enrollment (ENG 121)

Fall Semester Only – 0.75 Credits at LCHS and 3 credits at CMC

Prerequisite: Senior Status or Teacher Approval. Accuplacer Sentence Skills (SS) score of 95 or higher and Reading Comprehension (RC) score of 80 or higher; or equivalent ACT/SAT scores; or passed CCR 092, CCR 093, CCR 094, or ENG-090 with a grade of C- or better.

Description: This course emphasizes the planning, writing, and revising of compositions, including the development of critical and logical thinking skills. This course includes a minimum of five compositions that stress analytical, evaluative, and persuasive/ argumentative writing. This course is a Statewide Guaranteed Transfer course.

CMC ENGLISH COMPOSITION II

Dual Enrollment (ENG 122)

Spring Semester Only – 0.75 Credits at LCHS and 3 credits at CMC

Prerequisite: Successful completion of English Comp (Eng 121); Minimum grade C-

Description: Composition II expands and refines the objectives of English Comp I. It emphasizes critical/logical thinking and reading, problem definition, research strategies, and writing analytical, evaluative, and/or persuasive papers that incorporate research. This course is a Statewide Guaranteed Transfer course.

ENGLISH ELECTIVES

PLAYWRITING

Fall Semester Only: 0.50 Credit

Prerequisite: Students with Junior status or Teacher Discretion

Description: Students will be introduced to a variety of texts that explore the genre of playwriting, comparing it to novelizations and other mediums. While the course is reading heavy, there will be a strong writing component which will include writing a play as part of the final assessment. Anchor texts include: *A Raisin in the Sun*, *The Laramie Project*, *The Importance of Being Earnest*, and *Hamlet*. In addition, students will have opportunities to study literary elements, vocabulary, and grammar.

AMERICAN LITERATURE

Fall Semester Only: 0.50 Credit

Prerequisite: Students with Junior and Senior status or Teacher Discretion

Description: The “American Dream” seems contradictory. On the one hand, some argue it stands for that hard to define stuff accounting for American economic success, religious freedom, a massive middle-class, and social mobility. On the other hand, some argue it is an inaccurate, destructive mythology—an American notion of itself as peaceful, hardworking, humble, and self-sufficient that hides unbridled racism, exploitation of the working class, environmental destruction, social entrenchment, and subjugation of huge swaths of the population. Without a doubt, the “American Dream” is a problematic concept. What does it mean, and who has access to it? Is it real or an expression of nostalgia for a disappearing or entirely imaginary narrative of the American experience? Is it available to everyone or just those belonging to certain socio-economic backgrounds, races, and sexes? With the above inquiries in mind, students in this course will read, write, and argue through close-reads, literature circles, and Socratic seminars based upon meaningful complex texts that serve their intellectual, social, and emotional needs. Literary texts will include *The Grapes of Wrath*, *Death of a Salesman*, *The Great Gatsby*, *A Raisin in the Sun*, and *Winesburg, Ohio*. Informational texts will augment the study of the aforementioned.

WOMEN’S LITERATURE

Fall Semester Only: 0.50 Credit

Prerequisite: Students with Junior status or Teacher Discretion

Description: Students will be introduced to a variety of texts that explore women centered stories, written by women. The overarching concept will focus on the themes and experiences of women from various cultures and how women support and/or isolate each other. While the course is reading heavy, there will be a strong writing component. Anchor texts include: *A Room of One’s Own*, *How the Garcia Girls Lost Their Accents*, *The Bell Jar*, *The Color Purple*,

and *Americanah*. In addition, students will study short stories, poetry, literary elements, vocabulary, and grammar.

EXISTENTIAL LITERATURE

Spring Semester Only: 0.50 Credit

Prerequisite: Students with Junior and Senior status or Teacher Discretion

Description: Texts rightly called “existentialist” begin with the assumption humans exist in a benign, indifferent universe in which their experience of the world is absurd, thereby possessing no prescribed or absolute meaning. In this course, students will analyze texts illustrating conflicts and themes arising out of the above assumption. The main questions students will consider are as follows: What is the human condition, and how do I negotiate the world and my relationships in it given that reality? To answer said questions, students will explore—via literary and non-fiction texts—notions of angst, despair, subjectivity, alienation, anxiety, guilt, bad faith, suffering, and death. Special attention will be paid to perhaps the greatest existential preoccupation: the notion of human authenticity or *freedom*—one’s choice to embrace the absurdity of existence as an opportunity to construct vital meanings and accept responsibility for one’s experiences of the world. With the above inquiries in mind, students in this course will read, write, and argue through close-reads, literature circles, and Socratic seminars based upon meaningful complex texts that serve their intellectual, social, and emotional needs. Literary texts will include *The Stranger*, *No Exit and Three Other Plays*, *The Outsider*, and *A Very Easy Death*. Informational texts will augment the study of the aforementioned.

SHORT STORY / POETRY

Spring Semester Only: 0.50 Credit

Prerequisite: Students with Junior status or Teacher Discretion

Description: Students will be introduced to a variety of texts that explore the short story and poetry mediums. While the course is reading heavy, there will be a strong writing component to supplement, including some student work in both genres. Students will participate in literature circles where they will study texts together as well as individually with a focus on style, author’s purpose, literary elements, vocabulary, and grammar.

WORLD LITERATURE

Spring Semester Only: 0.50 Credit

Prerequisite: Students with Junior status or Teacher Discretion

Description: Students will be introduced to a variety of texts that explore cultures and stories from around the world. The overarching concept will focus on the human condition and how individuals relate to the whole. While the course is reading heavy, there will be a strong writing component. Anchor texts include: *Woman Hollering Creek*, *The Joy Luck Club*, *The Namesake*, *The Kite Runner*, *Things Fall Apart*, and *Lone Ranger and Tonto Fistfight in Heaven*. In addition, students will study short stories, poetry, literary elements, vocabulary, and grammar.

MATHEMATICS

INTEGRATED I

YEARLONG Class: 1.0 Credit

Prerequisite: Successful completion of 8th grade math (or an equivalent course).

Description: This is the core math class for 9th grade students. It is a study of functions, equality, solving equations, and congruence.

INTEGRATED II

YEARLONG Class: 1.0 Credit

Prerequisite: Successful completion of Integrated I and/or department recommendation if taking concurrently with Integrated I.

Description: This is the core math class for 10th grade students. This course is a study of quadratic equation and functions, inequalities, right triangles, and probability. This course also prepares students to take the PSAT.

INTEGRATED III

YEARLONG Class: 1.0 Credit

Prerequisite: Successful completion of Integrated II and/or department recommendation if taking concurrently with Integrated II.

Description: This course is for students on the Early College Pathway. This course is a study of linear, quadratic, exponential, logarithmic, and polynomial functions and equations. There is a focus on modeling situations and a unit on statistics. Students in this course will also spend time preparing for the SAT and the Accuplacer.

CAREER MATH

Semester Class: 0.5 Credit

Prerequisite: Successful completion of Integrated II.

Description: This course is for students on the Career Pathway. It covers material designed for career technical students or general studies students who need to study particular mathematical topics. Topics may include arithmetic review, calculator usage, algebra, geometry, trigonometry, graphs, and finance. These are presented on an introductory level and the emphasis is on applications. Students will also complete the ACT WorkKeys National Career Readiness Certificate (to at least a bronze level) during the course.

CMC ALGEBRAIC LITERACY

Dual Enrollment (MAT 055 and MAT 025)

YEARLONG Class: 1.25 Credits at LCHS and 5 CMC Credits

Prerequisite: Test in via Accuplacer (45 on Elementary Algebra). All students are automatically enrolled in MAT 055 and MAT 025 at the same time.

Description: This course develops skills necessary for manipulating algebraic expressions and solving algebraic equations. Topics in the course include radicals, complex numbers, polynomials, factoring, rational expressions, quadratic equations, absolute value equations and inequalities, systems of linear equations, related applications, and math learning strategies.

CMC COLLEGE ALGEBRA

Dual Enrollment (MAT 121)

Fall Semester Only: 1.0 Credit at LCHS and 4 CMC Credits

Prerequisite: Test in via Accuplacer (85 on Elementary Algebra).

Description: College Algebra includes a brief review of intermediate algebra, equations, and inequalities, functions and their graphs, exponential and logarithmic functions, linear and non-linear systems, selection of topics from among graphing of the conic sections, introduction to sequences and series permutations and combinations, the binomial theorem and matrices.

CMC COLLEGE TRIGONOMETRY

Dual Enrollment (MAT 122)

Spring Semester Only: 0.75 Credit at LCHS and 3 CMC Credits

Prerequisite: Pass College Algebra (MAT 121) with a C- or better.

Description: College Trigonometry covers topics including trigonometric functions (with graphs and inverse functions), identities and equations, solutions of triangles, and other topics as time permits.

CMC CALCULUS I

Dual Enrollment (MAT 201)

Fall Semester Only: 1.25 Credits at LCHS and 5 CMC Credits

Prerequisite: Pass College Trigonometry (MAT 122) with a C- or better.

Description: This course introduces single variable calculus and analytic geometry. Includes limits, continuity, derivatives, and applications of derivatives, as well as indefinite and definite integrals and some applications.

CMC CALCULUS II

Dual Enrollment (MAT 202)

Spring Semester Only: 1.25 Credits at LCHS and 5 CMC Credits

Prerequisite: Pass Calculus I (MAT 201) with a C- or better.

Description: This course is a continuation of single variable calculus that will include techniques of integration, polar coordinates, analytic geometry, improper integrals, and infinite series.

INTRODUCTION TO ENGINEERING

Semester Class: 0.50 Credit

Prerequisite: None

Description: The goal of Introduction to Engineering is to impress upon the students the power and efficacy of the engineering process by exposing them to numerous challenges that they must solve through the process. Students also spend time exploring different careers in engineering.

PERSONAL FINANCE

Semester Class: 0.50 Credit

Prerequisite: None

Description: Personal Finance is a semester long course designed to cultivate financially literate citizens who are able to make decisions with their money. Students spend time studying budgets, savings and investments, credit and debt, taxes, and insurance. Throughout the course, students review the mathematics of everyday financial situations. Completion of this course is a requirement for graduation.

SCIENCE

PHYSICS FIRST

YEARLONG Class: 1.0 Credit

Prerequisite: Successful completion of 8th grade Science

Description: Physics First is a required one-year course primarily for freshmen. This course has been designed by the University of Colorado (CU). CU has designated various modules of study critical to student development of the physical sciences. Physics First is a lab-oriented course combined with conceptual learning. Students will investigate relationships between Motion, Energy, Gravity, Force, Magnetism, Electrostatics, and Waves. This course is designed to engage students in intuitive thought and scientific reasoning – develop, share, critique, argue, and revise. Students will use evidence to guide reasoning. These topics will be reinforced with critical thinking exercises, demos, and labs.

BIOLOGY

YEARLONG Class: 1.0 Credit

Prerequisite: Successful completion of Physics First A&B

Description: Biology is a mandatory course and should be taken during the sophomore year of high school. Biology is a study of life from the cellular or microscopic level through the multi-cellular and larger organism level. The overall goals of Biology is to develop student's understanding of the characteristics and structure of living things and to develop student's understanding of how living things interact with each other and the environment. First semester students learn the concepts of ecology and man's role in the environment, biogeochemical cycles supporting life on earth and how cell structure and function work together. During second semester, the course will focus on cellular energy from photosynthesis and respiration, cellular reproduction, heredity and genetics, the structure and function of DNA and the theory of Natural Selection.

ADVANCED PHYSICS A

Fall Semester Only: 0.50 Credit

Prerequisites: Successful completion of Integrated Math II.

Description: Advanced Physics is an accelerated class in which instruction and lab is meant to build upon student's earlier physical science classes. A lab-oriented course combined with conceptual learnings, Advanced Physics Fall will develop deeper connections to physical laws and formulas and related mathematics. Students will investigate relationships between scientific laws and theories developed by key figures like Newton and Einstein. They will apply the math skills and formulas needed to solve equations, interpret the diagrams and graphs, identify forces affecting linear motion, explain characteristics of energy transfer by sound, light, and electromagnetic waves. Students will additionally analyze atomic structure and the behavior of electrical and nuclear energy. These topics will be reinforced with critical thinking exercises, demos, and labs. This course will be offered in alternate years, 2018-19 then again 2020-21.

ADVANCED PHYSICS B

Spring Semester Only: 0.50 Credit

Prerequisites: Successful completion of the Fall Advanced Physics class.

Description: This is an accelerated class in which instruction and lab is meant to build upon previous physical science classes. Advanced Physics Spring will assist students with

developing deeper connections to physical laws and formulas and related mathematics. Advanced Physics (Spring) is a lab-oriented course combined with conceptual learning. Students will expound upon relationships between scientific laws and theories developed by key figures like Newton and Einstein, and will apply the math skills and formulas to solve physical equations. Furthermore, students will interpret the diagrams and graphs, wave motion, energy exchanges in thermodynamics, and circular motion and rotation properties. Students will develop concepts of quantum physics with applications toward the law of relativity as it applies to black holes, wormholes, the Big Bang Theory, time travel, and dark matter. These topics will be reinforced with critical thinking exercises, demos, and labs. This course will be offered to sophomores, juniors, and seniors in alternate years and will be offered in the 2018 – 2019 school year and then again in 2020-21.

ANATOMY AND PHYSIOLOGY

Fall Semester Only: 0.50 Credit

Prerequisites: Successful completion of Physics First A&B and Biology A&B

Description: In addition to the course themes of: Structure and Function, Homeostasis, Levels of Organization, and Integration of Systems, this course has the following units:

1. Levels of Organization
2. Homeostasis
3. Skeletal System
4. Muscular System
5. Integumentary System
6. Endocrine System (includes Reproduction)
7. Digestion (includes Metabolism & Nutrition)
8. Cardiovascular System
9. Respiratory System
10. Urinary System
11. Lymphatic System and Immunity
12. Review and Synthesis (with a disease and diagnosis focus)

This course is designed to be followed by Intro to Health Careers. This is especially helpful for students who are considering a health or health related career.

INTRODUCTION TO HEALTH CAREERS

Spring Semester Only: 0.50 Credit

Prerequisites: Successful completion of Physics First A&B and Biology A&B

Description: This competency-based course is designed for all students seeking a career in the healthcare field. The course will focus on the concepts and principles of the structure, function and systems of the human body in relationship to human growth and development. Students will learn to recognize problem situations in health care settings as relate to direct and indirect patient care and they will demonstrate the use of critical and creative thinking skills and logical reasoning for problem resolution. Safety issues, ethical considerations, legal constraints and professional codes will be presented and discussed throughout the course. Students will use the knowledge of disease prevention for the maintenance of optimal health. Integrated throughout the course are career preparation standards, which include basic academic skills, communication, interpersonal skills, problem solving, workplace safety, technology, and employment literacy.

INTRODUCTION TO ENVIRONMENTAL SCIENCE

Semester Class: 0.50 Credit

Prerequisites: Successful completion of Physics First A&B and Biology A&B

Description: This science elective introduces the student to the basic concepts of ecology and the relationship between environmental problems and biological systems. Includes discussions on biology, chemistry, geology, energy, natural resources, pollution, and environmental protection. There will be lab work in this class to include outdoor sampling of soil, water and vegetation when weather and conditions permit. Students will have the opportunity to pick a community oriented research project that could be included in a personal portfolio for college or career development.

SOCIAL STUDIES

AMERICAN GOVERNMENT / CIVICS

Semester Class: 0.50 Credit

Prerequisite: None

Description: This is a demanding course focusing on the theoretical basis and real-world application of American Democracy. Students will learn about the basic structures, powers, and functions of our government at the local, state, and national levels. This course will also bring students into contact with the historical and philosophical context within which our constitution was developed, as well as the Constitution's role in establishing a functional democracy and safeguarding essential human liberties. In the process, students will learn how to research, formulate, positions, and engage in appropriate civic participation to address local, state, and national issues or policies. This course is a requirement for graduation.

GEOGRAPHY

Semester Class: 0.50 Credit

Prerequisite: None

Description: Geography is the study of our planet from a physical, as well as human standpoint. The class will gain knowledge how the diversity of the physical nature of the Earth is directly related to the cultural diversity that exists. This course will include in-depth study of formal regions of the world. It will study how physical processes determine the climate and environment of the Earth, how resources are used and distributed around the planet, how this process affects human relationships and locating the major countries, rivers, mountains, and significant physical features of our earth. This course is a requirement for graduation.

MODERN U.S. / WORLD HISTORY

YEARLONG Class: 1.0 Credit

Prerequisite: Sophomore status or Teacher Approval

Description: First semester is an overview of the United States and the world community from the 2nd Industrial Revolution through the 1930's. Second semester is an overview of World War II and the emergence of the superpowers of the United States & Russia in the world community from the 1940's throughout the late 20th Century and the subsequent modern emerging national powers. This course is a requirement for graduation.

CONTEMPORARY SOCIAL PROBLEMS

Spring Semester Only: 0.50 Credit

Prerequisite: Junior or Senior status or Teacher Approval

Description: This course is an exploration of current social issues that result in societal problems. It focuses on such issues as civil liberties, gender discrimination, substance abuse, crime, poverty, racism, environmental degradation, health care, and mental illness. Students will analyze the roots of these problems, their effects and costs, and various perspectives on each problem. Based on this knowledge, students will be able to formulate solutions to the problems, predict winners and losers of the solution, and calculate the costs associated with each option.

PHILOSOPHY

Fall Semester Only: 0.50 Credit

Prerequisite: Junior or Senior Status or Teacher Approval

Description: This course will make use of influential writings from a wide sampling of philosophical disciplines in an honest attempt to discover what it means to be human. The goal of this class is to broaden each student's perspective and ability to live well and happily in the world. Students be provided an environment in which to hone their powers of inquiry and contemplation. Students will become familiar with thoughts originating from a variety of sources and contexts, including: Greek philosophy, Buddhism, Quantum Mechanics, String Theory, Taoism, Hindu and Vedic traditions, Native American philosophy, Environmental Ethics, and more. Students will read extensively in this course and will have the opportunity to express their learning through a variety of creative and engaging projects that vary from week to week.

PSYCHOLOGY

Spring Semester Only: 0.50 Credit

Prerequisite: Junior or Senior status or Teacher Approval

General Description: This engaging course examines the "whys" of human behavior. Starting at the beginning of human development, we trace what adds to and takes away from, healthy human behavior. We will ask questions such as: "Are good people born or raised? Why do we do the things we do? What's the difference in levels of consciousness?" Specifically, we study: approaches to psychology, the life span, workings of the body and mind, learning and cognitive processes, and personality and individuality. Be prepared to closely examine yourself and the humans around us to better understand it all.

SOUTHWEST STUDIES

Semester Class: 0.50 Credit

Prerequisite: Junior or Senior status or Teacher Approval

General Description: The history of the Southwest is surveyed chronologically, beginning with the Spanish Conquest and including major events: The Mexican-American War, involuntary deportations during the Great Depression, World War II as experienced by minority groups (Mexican- and Native-Americans) and the Chicano and United Farmworkers movements. We explore the various groups of people who inhabited the region over time, considering their cultures and worldviews. An emphasis is placed on connecting on a personal level to how historical events were experienced by individuals, and what it means in the present, with the express purpose of building empathy and compassion. We connect these topics to current events and the state of the world, identity, and social justice. Because of the difficult nature of these topics and the intent to make the course personal, concepts of nonviolence are woven throughout the course in order to help students navigate what they are learning.

WORLD LANGUAGE

SPANISH LANGUAGE ARTS

SPANISH LANGUAGE ARTS I

YEARLONG Class: 1.0 Credit

Prerequisite: Students already speak some Spanish at home or have studied in a Spanish speaking country.

Description: This is a language arts course in Spanish designed for heritage Spanish speakers. The course will explore basic literacy skills in the Spanish language that parallel what students would experience in a 9th grade English language arts class. Students will explore basic grammar, phonetics, and punctuation, along with a variety of literary forms and Hispanic cultures in order to develop both their reading and writing skills.

SPANISH LANGUAGE ARTS II

YEARLONG Class: 1.0 Credit

Prerequisite: Successful completion of Spanish Language Arts I or Teacher-Approved placement.

Description: This is the second in a series of language arts courses designed for heritage Spanish speakers. Students will continue developing literacy skills and refining their understanding of more advanced grammar topics as they dig deeper into works by classic and contemporary Latin American authors.

AP SPANISH LANGUAGE AND CULTURE

YEARLONG Class: 1.0 Credit at LCHS and 5 college credits

Prerequisite: Spanish Language Art I & II OR Spanish I, II, and III.

Description: Advanced placement Spanish language and culture is **required** for all students seeking the **Colorado bi-literacy stamp** in Spanish. It is for students who have passed Spanish III or Spanish Language Arts II. This course is College Board sanctioned class and is conducted at intermediate low to intermediate mid-levels of Spanish. It is based on six themes as chosen by the College Board such as Contemporary Life, World Challenges, Personal and Public Identities, Art and Culture, and Science and Technology. Intermediate-mid levels of reading and writing and speaking are expected. At the end of this course, all students are required to take the College Board Spanish Language and Culture exam.

SPANISH AS A SECOND LANGUAGE

SPANISH I

YEARLONG Class: 1.0 Credit

Prerequisite: None

Description: This class introduces the student to learning Spanish at a novice level. This course is designed for students with little to no previous knowledge of the Spanish language. The student will begin to comprehend, and communicate in Spanish. Students will also gain insight into Hispanic cultures. This is a comprehensible input class using the latest brain researched activities to facilitate student's language acquisition. A variety of activities (games, songs, crafts, videos, computer work, and CI strategies) will be used to facilitate the learning of

the various aspects of the language. **Knowledge to be gained:** Students learn the sound system of the Spanish language, the 100 most used vocabulary words. Students will be measured on their proficiency levels throughout the year and the ACTFL can-do statements. Most students will leave with a novice-mid or higher level of proficiency. Most of the focus will be on language input so students will be able to understand spoken and written Spanish at a novice level.

SPANISH II

YEARLONG Class: 1.0 Credit

Prerequisite: Successful completion of Spanish I.

Description: This class is a continuation of Spanish I and is a comprehensible input class where Spanish is used the entire hour at a novice mid to novice high level. This course will be conducted using the 200 most used words in Spanish. More advanced use of the language will be expected and encouraged. The varieties of activities will be continued. Students will continue to work on reading and listening comprehension and will start more focused reading, writing and understanding, and more cultural information will be discussed. **Knowledge to be gained:** Students learn two more tenses and object pronouns, as well as increasing vocabulary. More complicated sentences will be created, both orally and in writing, and more detailed comprehension situations will be utilized. Formation of original sentences in Spanish expressed orally and in writing, and understanding spoken and written Spanish at a novice-intermediate level.

SPANISH III

YEARLONG Class: 1.0 Credit

Prerequisite: Successful completion of Spanish II.

Description: This class is a continuation of Spanish II and is a comprehensible input class where Spanish is used the entire hour at a novice high to intermediate low level. This course will be conducted using more advanced Spanish. More advanced use of the language will be expected and encouraged. The varieties of activities will be continued. Students will continue to work on reading and listening comprehension and will start more focused reading, writing and understanding, and more cultural information will be discussed. **Knowledge to be gained:** Students learn more complicated sentences and grammatical structures, both orally and in writing, and more detailed comprehension situations will be utilized. Formation of original sentences in Spanish expressed orally and in writing, and understanding spoken and written Spanish at an intermediate-advanced level.

AP SPANISH LANGUAGE AND CULTURE

YEARLONG Class: 1.0 Credit at LCHS and 5 college credits (if the AP Exam is passed)

Prerequisite: Spanish Language Arts I & 2 OR Spanish I, II, and III.

Description: Advanced placement Spanish language and culture is **required** for all students seeking the **Colorado bi-literacy stamp** in Spanish. It is for students who have passed Spanish III or Spanish Language Arts II. This course is College Board sanctioned class and is conducted at intermediate low to intermediate mid-levels of Spanish. It is based on six themes as chosen by the College Board such as Contemporary Life, World Challenges, Personal and Public Identities, Art and Culture, and Science and Technology. Intermediate-mid levels of reading and writing and speaking are expected. At the end of this course, all students are required to take the College Board Spanish Language and Culture exam.

ENGLISH AS A SECOND LANGUAGE

NEWCOMER

YEARLONG Class: 1.0 Credit

Prerequisite: None

Description: This course is for students who have newly moved to Leadville and are learning English. It provides instruction on the English language and support for other classes the students may be enrolled in.

PHYSICAL EDUCATION AND HEALTH

HEALTH

Semester Class: 0.50 Credit

Prerequisite: None

Description: This course places emphasis on the wellness approach to good health by stressing the need for balance in social, physical and emotional development. Health behaviors that can reduce personal risks are discussed and students gain access to valid health information, health products, and services. Students are taught the importance of evaluating personal health risks. The importance of planning for a healthy future is highlighted and opportunities for self-reflection on personal health issues and concerns are provided. Students participate in health related community service projects and in individual and group activities and assignments. This course is a requirement for graduation.

OUTDOOR EDUCATION

Semester Class: 0.50 Credit

Prerequisite: None

Description: Outdoor Education is an entry level course. It is designed to prepare students for participation in a wide range of outdoor pursuits activities. Basic skill development in camping, hiking, fire building, survival skills and First Aid. Students will develop the skills to setup and complete an outdoor trip of their own design. Students will show competence in the safety rules and guidelines that are required when participating in an outdoor trip with a group of people. They will also gain the understanding and knowledge of the history of outdoor recreation and survival. This class can be taken multiple times if determined by the student's ICAP.

STRENGTH

Semester Class: 0.50 Credit

Prerequisite: None

Description: This coeducational course is directed toward students who want to participate in weight training. This is an introductory course. Students will learn about different muscle groups, create individual workout programs, and safety in the weight room. The emphasis of this class will be on safety in the weight room, proper lifting techniques, participation, and ability to improve one's strength and flexibility. Students will have their progress in the course assessed monthly. Regular attendance and participation are essential. Students are required to dress out for class on a daily basis (PE shirt, shorts, sweats, socks and shoes). This class can be taken multiple times if determined by the student's ICAP.

TEAM SPORTS

Semester Class: 0.50 Credit

Prerequisite: None

Description: Students will be competing in recreational style team sports events that range from football, rugby, basketball, lacrosse, kickball, and other team style sports. Students will develop advanced motor skills and movement patterns needed to perform a variety of physical skills with in the team sport setting. They will also study movement concepts, principles, strategies, and tactics as they apply those skills while working as a team. Students will be encouraged to achieve and maintain a health-enhancing level of physical fitness. Regular attendance and participation are essential for the awarding of this credit. Students are required

to dress out for class on a daily basis (PE shirt, shorts, sweats, socks and shoes). This class can be taken multiple times if determined by the student's ICAP.

ART

BASIC STUDIO ART

Semester Class – 0.50 Credit

Prerequisite: None

Description: Students will learn basic drawing and shading techniques, as well as have the opportunity to explore oil pastel. Students in Basic Studio Art are required to think creatively and conceptually, as well as persevere through difficulty.

ADVANCED STUDIO ART

Semester Class – 0.50 Credit

Prerequisite: Basic Studio Art or Basic Ceramics and Teacher Approval Only

Description: Students will build on the foundations learned in Basic Studio Art and Basic Ceramics. Advanced Art is fast paced and students are required to work independently, creating minimum of 3 choice-based projects throughout the semester. Teacher approval required for students to take this class.

BASIC CERAMICS

YEARLONG Class – 1.0 Credit

Prerequisite: None

Description: Students in Basic Ceramics will learn basic slab and coil hand building skills as well as explore various clay techniques and surface treatments. There will be an opportunity for students to learn the wheel as well.

WHEEL

Semester Class – 0.50 Credit

Prerequisite: Basic Ceramics and Teacher Approval

Description: Students will learn how to use a pottery wheel, centering techniques and basic throwing techniques.

CLAY MOSAIC MURAL CLASS

Spring Semester Only – 0.50 Credit

Prerequisite: Basic Ceramics and Teacher Approval

Description: A ceramics class inspired by the outdoors! This one semester class is designed for advanced students who have prior clay experience as it builds upon the information and techniques learned in Basic Ceramics. It is fast paced and requires you to work independently. We will design a mural for a specific space, produce all the mosaic pieces required for the design, and install the mural in its entirety. This mosaic will be a permanent addition to school grounds. Students will be required to draw inspiration for the design directly from nature by participating in outdoor activities designed to create connections with the natural world.

BUSINESS AND TECHNOLOGY

INTRODUCTION TO FINANCE AND ACCOUNTING PRINCIPLES

(Accounting I & II)

YEARLONG Class: 1.0 Credit

Prerequisite: None

Description: This course is strongly suggested for any student wanting to start their own business or eventually wanting to work in any management or leadership position requiring the ability to work with budgets. This course takes students through three complete accounting cycles—proprietorship, partnership, and corporation. Students will master journalizing, posting, and creating various accounting systems including worksheets, income statements, and balance sheets. This class is an elective course and is recommended for all 10–12th graders. Freshmen can enroll if it would be a key course for their ICAP/Graduation Plan.

PRINCIPLES OF BUSINESS AND MARKETING

(Intro to Business and Business Concepts)

YEARLONG Class: 1.0 Credit

Prerequisite: None

Description: This is a beginning course for students that want to go into a business-related field or for those students who are still struggling answering the question, “What do I want to be when I grow up?” Students gain personal management skills, learn about the importance of good customer service, and build workplace skills they can put to use in any career. Students will have an opportunity to assess their natural aptitudes in helping them discover their strengths. Students interested in being members of Future Business Leaders of America (FBLA) should make this course a priority. This class is an elective course and recommended for all 9th – 12th graders.

ETHICS IN LEADERSHIP

Semester Class: 0.50 Credit – Required for Graduation for current freshmen

Prerequisite: None

Description: This class is a required course for graduation starting with the class of 2020. It is recommended for all freshmen. The components of this course extend beyond philosophy and theory to real-world practical application of ethical principles as a framework for personal and organizational decision making and leadership; ethics education must convey that principles are constant foundations — not relative to a specific situation — and that doing what is right prevails over self-interest when the two may appear to be in conflict. Leadership is the ability to move or influence others toward achieving individual or group goals. Students will have the opportunity to further their knowledge of leadership skills. Students will learn employability, management, and leadership skills. Students will be responsible for various aspects of a student organization and will have to keep track of a variety of requirements (activities, community service, leaders, etc.).

ETHICS IN LEADERSHIP II

Spring Semester Class: 0.50 Credit

Prerequisite: Successful completion of Ethics in Leadership

Description: This course is designed to build upon what LCHS students learned in the beginning course and to move on to prepare them for competitions as well as to include an overview of ethical theories placing a strong emphasis on ethical decision making procedures. Participants discuss and evaluate cases relating to ethical dilemmas in the workplace (from dealing with inappropriate behavior from a fellow employee to evaluating one's ethical values in relation to institutional values in the workplace). Ultimately, the goal of this class is to provide an opportunity for LCHS Students to consider ethical issues arising in the workplace and, further, to provide these students with tools for evaluating and successfully resolving these issues.

COMPUTER SCIENCE MANAGEMENT (BUSINESS TECHNOLOGY)

Spring Semester Only: 0.50 Credit

Prerequisite: None

Description: This course teaches students advanced computer skills in Microsoft by utilizing word processing, spreadsheets, graphics, presentations, data base, software and desktop publications. Application units include Word, Excel, PowerPoint, Google Docs, and other personally identified software. This course is also designed to prepare students to take one or more of the Microsoft Office Specialists exams for certification as well as preparation for the Computer Science ACCUPLACER. Students may prepare to take exams in Microsoft Word, Excel, PowerPoint and Access. This course is for students who would like to know how PC's work and be able to maintain their PC. An introduction to PC's and a foundation for further study in the computer field is provided. Students should have a desire to learn about computer repair and want to gain a working knowledge of computers for future use. Topics covered include servicing, upgrading and troubleshooting computers and operating systems. This class is an elective course and is recommended for all 10–12th graders. Freshmen can enroll if it would be a key course for their ICAP/Graduation Plan.

INDUSTRIAL TECHNOLOGY

METALS DESIGN

Dual Enrollment (ART 133)

Semester Class: 0.75 Credit at LCHS and 3 credits at CMC

Prerequisite: None

Description: This is an entry-level, project-based course designed to introduce students to small-scale metals and the jewelry industry. Skills learned meet jewelry industry standards, designing, cutting soldering and lost-wax techniques are introduced, as well as, bezel setting cabochon stones. Students will learn the use of hand tools such as: jewelers saw, files, sanding techniques, soldering torches. Finishing processes will also be introduced. Techniques will include metal piercing, pierce and overlay, bezel setting and lost-wax casting.

METALS DESIGN II

Semester Class: 0.5 Credit

Prerequisite: Successful completion of Metals Design.

Description: This course builds on skills from Metals Design, students will learn more delicate soldering techniques making chain and links, casting multiple parts to for a piece of jewelry and basic metal forging and raising and the fabrication of more complicated jewelry pieces.

WOODS I

Semester Class: 0.50 Credit

Prerequisite: None

Description: Students will learn the basic skills necessary to navigate a common shop. Safety and planning are stressed in this course, as well as, an emphasis on self-directed effort. The students will use a variety of hand and power tools and hydraulic equipment. Students will begin to choose specific directions to complete specific projects. Students will learn the basics of measurement, planning, assembly and finishing. Students must complete this course with a minimum grade of a "C" (73%) to move forward to the next pathway in this program.

WOODS II

Semester Class: 0.50 Credit

Prerequisite: Successful completion of Woods with a grade of a "C".

Description: Students will build on what they have learned in Woodshop I; to plan and assemble more complicated projects. Students will be exposed to more technical assembly, cutting and shaping methods allowing them to build more challenging projects. Planning, safety and tool instruction will continue to be significant parts of the course. Students will be able to: use a lathe, use the table saw to make dado and rabbet cuts, use a wide variety of fasteners and refine techniques learned in Woodshop I such as planning, drawing, finishing and use of all tools.

FLY FISHING / WOODS

Fall Semester Only: 0.50 Credit

This course explores fly-fishing from the point of view of Wood Shop. Students will learn stream ecology, entomology, ethics and watershed as it relates to fly-fishing in the Upper Arkansas River region. Observations of trout behavior, water temperature and condition, insect life and correlations documented on the river will be brought back to the Wood Shop for

discussions of discoveries made, and insect identification. Students will learn to tie the classic fly patterns of fly-fishing, as well as, learn to tie representations of insects from observation, presentation, and fly-casting. As winter encroaches on fishing activities, the manufacture of fishing equipment and career exploration of outdoor fishing and guiding through discussions and guest speakers will take place in the Wood Shop. Planned days for fishing are: Tuesdays, Wednesdays and Thursdays for the month of September. Thursdays in October, while the weather holds. On the days we are fishing, we will return in time for fourth period classes, bag lunches will be provided.

MUSIC

CHAMBER CHOIR

YEARLONG Class – 1.0 Credit – Fine Arts or Elective

Prerequisite: Audition and/or instructor approval

Chamber Choir is an auditioned ensemble and serves as the primary touring ensemble for Lake County High School. This ensemble specializes in the study of advance choral music, vocal technique, and musicianship skills. This ensemble performs at a wide variety of events throughout the year. Typically, Chamber Choir travels out of the state at least once a year on performance tour. Chamber Choir requires a year-long commitment. Mandatory \$50.00 rental fee for outfit.

CHAMBER MUSIC (INSTRUMENTAL)

Semester Class: 0.50 Credit – Fine Arts or Elective

Prerequisite: Must have experience in playing an instrument

Description: This course is designed to further the instruction of instrumental music playing. Students will participate in small ensembles such as Duos, Trios, Quartets, Quintets; Etc. Students will have the opportunity to travel around the community and surrounding areas to perform. Students will also have the opportunity to learn audition skills, aural skills, as well as have individual instruction on their given instrument. This class will also develop the skills necessary for participating and auditioning for Honor Bands, Solo & Ensemble, and All-State Band.

CLOUD CITY JAZZ BAND

YEARLONG Class: 1.0 Credit – Fine Arts or Elective

Prerequisite: Admission to course is by audition or invitation.

Description: Jazz Band is a performance ensemble course designed to engage students in the study and performance of Jazz music. Students learn ensemble playing, improvisation, and Jazz styles including but not limited to Swing, Ballads, Latin, Contemporary, Rock and Funk. Jazz band performs numerous concerts throughout the year including contests and competitions throughout the state.

CMC MUSIC THEORY / APPRECIATION

Dual Enrollment (MUS 120)

Semester Class: .75 Credits at LCHS (Fine Arts or Elective) and 3 CMC Credits

Prerequisite: Accuplacer Sentence Skills (SS) score of 95 or higher and Reading Comprehension (RC) score of 80 or higher; or equivalent ACT/SAT scores; or passed CCR 092, CCR 093, or ENG-090 with a grade of C- or better.

Description: This course is for any student wishing to have a stronger understanding of music theory. Students will explore a wide variety of topics from theory, history, and various genres. Students in this course will have a broad overview of all aspects of music.

CONCERT BAND

YEARLONG Class: 1.0 Credit – Fine Arts or Elective

Prerequisite: Successful completion of MS Band or AT LEAST 1-2 years of experience playing an instrument.

Description: Concert Band is a performance based ensemble course designed to engage students in the development of instrumental music techniques and performance. Students in

Concert Band also double as members of the LCHS Marching Band and Pep Band and will be required to perform at home football and basketball games as well as parades and other competitions throughout the school year. Concert Band performs 2-4 concerts during the year and performs at various contests. Attendance at all performances is required. Additional performance opportunities are available to individual students by interest and ability including solo and ensemble, honor bands and All- State Band.

DRUMLINE

Fall Semester Only: 0.50 Credit – Fine Arts or Elective

Prerequisite: None, but a willingness to learn and practice is required

Description: This course offers members AND beginners of the LCHS Drumline to further their skills and instruction in Drumline and Pit Techniques (mallets). Students will learn basic Marching Techniques as well as musical techniques involved in creating a Marching Band Show. Leadership opportunities within the Drumline will also give students necessary skills. Students will have the opportunity to work with outside professionals on their instruments. The skills demonstrated in this class are a necessity to the success of the LCHS Marching Band and Pep Band.

MUSIC OF THE WORLD

Fall Semester Only: 0.50 Credit – Fine Arts or Elective

Prerequisite: None

Description: Music of the World is an academic survey class that looks at how music shapes the lives of cultures around the world. The class focuses on learning about various music styles and cultures and how music is an important role in each. Topics include musical cultures, musical instruments, musical styles, music in film, music in video games, music's impact on nations, cultures and the individual. Students will gain a deeper understanding and appreciation for music of different cultures and reflect on how music has shaped their own life.

MUSICAL

YEARLONG Class: 1.0 Credit – Fine Arts or Elective

Prerequisite: Audition and/or Teacher Approval

Description: This course will offer students the opportunity to build skills that will aide them in the rehearsal process for our school musical. Students will develop deeper character development, vocal study and movement. This class will then continue after school into staging and music rehearsals. Students who enroll in this class will audition at the beginning of the year and be placed into their specific roles. In the spring, students will rehearse and present a musical theatre scenes/revue program for presentation in the community as well as Lake County High School.

PERCUSSION ENSEMBLE

Spring Semester Only: 0.50 Credit – Fine Arts or Elective

Prerequisite: No prerequisite, but a willingness to learn and practice is required.

Description: Percussion Ensemble is a performance based instrumental music class designed for any student who wishes to learn the basics of percussion performance. This class will focus on fundamental basics of percussion. Students will perform one concert. No experience is necessary but a willingness to learn and try different things is required. Students will get instruction on mallet percussion, auxiliary percussion, and drum line (marching

percussion). Students will get a basic understanding of how to read music and percussion performance techniques. Upon successful completion, students will have the basic skills required to participate in drumline, pep band, concert band or jazz ensemble.

ROCK AND ROLL HISTORY

Spring Semester Only: 0.50 Credit – Elective

Prerequisite: None

Description: This academic survey class looks at the social history and impact of Rock and Roll music in America during the 20th Century. The class focuses on listening, analyzing and discussing Rock music and its role in shaping America. Students will gain a deeper understanding and appreciation of how Rock and Roll shaped American Popular Culture.

SYMPHONIC CHOIR

YEARLONG Class – 1.0 Credit – Fine Arts or Elective

Prerequisite: No prerequisite for willing students.

The purpose of the course is the comprehensive development of vocal musicians. Daily rehearsals will incorporate musical literature from various musical periods, world cultures and traditional symphonic choral literature. Students will also receive instruction in basic music theory, aural skills, general music knowledge and vocabulary, and music history (as it relates to musical selections). During the year, the choir will present at least three concerts, and may sing at homecoming, graduation or other events as well. Attendance at all musical performances is required to receive a passing grade for this course. Symphonic Choir requires a year-long commitment. Mandatory \$50.00 rental fee for outfit.

PARTNERSHIP PROGRAMS WITH CMC

CMC Welding

Dual Enrollment (WEL 102 and WEL 103)

YEARLONG Class: 2 HS Credits and 8 CMC Credits

Prerequisite: Career Pathway students get priority

Description: This certificate program covers performing safety inspections, making minor repairs, adjusting operating parameters, and operating SMAW equipment utilizing E-6010 electrodes. Layout procedures and practices will also be introduced. Graduates will receive a Certificate of Occupational Proficiency in Welding.

CMC Culinary

Dual Enrollment (Varies)

YEARLONG Class: 2 HS credits and 8 CMC Credits

Prerequisite: Career Pathway students get priority. Must take the Accuplacer Exam.

Description: The Basic Culinary Skills Certificate provides essential skills in food preparation, food safety and basic cooking techniques. Graduates of the program will receive a Certificate of Occupational Proficiency in Basic Culinary Skills.

CMC Basic Electrical Technician

Dual Enrollment (MAT 108, EIC 105, EIC 124, EIC 167, EIC 225)

YEARLONG Class: 4.25 HS Credits and 17 CMC Credits

Prerequisite: Career Pathway students get priority. College Level Reading, Writing, and Math

Description: The Basic Electrical Technician courses provides fundamental instruction in electrical construction principles and practices. Topics include safety, mathematical applications, reading and interpreting blueprints, and direct and alternating current circuits.

CMC Wilderness Experience

Dual Enrollment (OUT 114 and REC 211)

YEARLONG Class: 1 HS Credit and 4 CMC Credits

Prerequisite: None

Description: Introduces the development, acquisition, and application of outdoor leadership skills and knowledge. Skills are applied under actual field conditions. Emphasizes minimal impact camping, wilderness ecology, judgment and decision making, group dynamics, and trip logistics. A concentrated field experience is provided in this course where students develop proficiency in canyon travel, group camping, and will explore the geology, geography, and ecology of the canyon country.

CMC Certified Nurse Aide (CNA)

Dual Enrollment (NUA 101 and NUA 170)

Semester Class: 1.25 HS Credits and 4 Credit CMC and 1 Credit Clinical

Prerequisite: College Level Reading, Writing, and Math. Must be 17 years old on 1st day of class.

Description: This program provides training in the fundamentals of individualized nursing care. The certificate teaches you skills necessary to work in health centers with acute care

patients. Graduates will receive a Certificate of Occupational Proficiency in Nurse Aide and be eligible to take the State Board of Nursing, Nurse Aide exam.

CMC Courses

Concurrent Enrollment

Semester Class

Prerequisite: Must take a placement exam to be placed in the appropriate course.

Description: Students are able to take a variety of other courses offered at CMC either on campus or online. LCSD will pay for the course if the student passes with a C- or better. Credits will go towards both a LCHS diploma and a CMC degree. Parent/guardian signature and school counselor permission is needed.

SPECIAL COURSES AND PROGRAMS

ATHLETIC PARTICIPATION CREDIT

Credit: 0.50 Physical Education or Elective. Maximum of 1.0 credit each school year.

Prerequisite: Approval from Kat Kerrigan or Kelly Hofer BEFORE beginning the sport

Description: Students may earn a ½ (.5) credit of Physical Education or Elective for each sport they participate in. The course consists of two components:

Component #1: Student-athletes must complete an activity log documenting all of their participation in the sport. Dates, times, and a summary of each day's activities must be complete and verified by the head coach of the sport.

Component #2: Student-athletes must complete the writing component of the course by writing an essay about the sport in which the student participated. The essay should include how the student performed in the sport, and how the sport has helped him or her become a better person in school, and how being in the sport will help him or her in their future.

GIRLS' CIRCLE

Semester Class: 0.50 Elective Credit

Prerequisite: Students must be female and approved by the teacher, a counselor, or an administrator. Priority given to 9th graders.

Description: This will be a discussion-based class. Students express themselves through creative or focused activities such as role playing, drama, journaling, poetry, drama, dance, drawing, collage, clay, and so on. Gender specific themes and topics are introduced which relate to the girls' lives, such as being a girl, trusting ourselves, friendships, body image, goals, sexuality, drugs, alcohol, tobacco, competition, and decision-making. When girls voice their ideas and opinions in a safe environment, it strengthens their confidence and self-esteem and encourages them to express themselves more fully and critically think through their behavior and choices. This class will be offered by Full Circle of Lake County.

UPWARD BOUND SCHOLARS

Semester Class: 0.50 Elective Credit

Prerequisite: Students must be a member of the Upward Bound Program run through CMC.

Description: Students receive tutoring and study skills support in all core subject areas. They also receive assistance with college exploration, preparation for college entrance examinations, and help completing admission applications and financial aid. Students will have the opportunity to attend a six week summer program, including an on campus residential experience, designed to simulate college life.

INTERNSHIP

Semester Class: 0.50 Elective Credit for every 80 hours worked (max 2.0 credits)

Prerequisite: Junior or Senior status; must be academically eligible.

Description: The Internship Program at the Lake County High School provides an opportunity for students to complement their academic studies with pre-professional work experience, which will enhance their career potential. The program represents structured partnerships in which the Lake County High School will join with public and private employers providing benefits to all participants. Hours must be turned in weekly to receive full credit for hours

worked and internship supervisors must contribute comments on the weekly evaluations to review the intern's progress and education gained.

INDEPENDENT STUDY

Semester Class: Credit Varies

Prerequisite: Junior or Senior status; must be academically eligible.

Description: Independent studies may be offered to students interested in learning about a subject that is not offered at the high school. Students must meet with a counselor to get approval and create a course plan.

CDL COURSE

Spring Semester Only: 0.50 Credit

Prerequisite: Be 18 years of age or turn 18 years of age during the semester and be eligible to obtain Colorado Valid Driver's License. Must pass a physical and 4 driving test through the Colorado Department of Education.

Description: This course prepares you to take the Colorado Department of Revenue Commercial Driver's License (CDL) Test. Students should finish the course with a CDL, BP2S.

HIGH MOUNTAIN INSTITUTE (HMI)

HMI Semester Overview

Prerequisite: Candidates should be sophomores at Lake County High School with excellent academic and extracurricular performance. Two full-tuition scholarships are available to qualified LCHS students. Interested students should submit [apply to HMI](#) by February 15th of their sophomore year. Winners of the Lake County Scholarship are notified by March 20 and will need to confirm their place by April 8. An additional full-scholarship is available for the 5-week HMI Summer Term.

Description: The HMI Semester is a four-month academic and wilderness program for motivated juniors located at HMI's campus outside of Leadville. Students spend approximately five weeks backpacking and backcountry skiing in the Rockies and the canyons of Utah and approximately 12 weeks taking rigorous academic courses on HMI's campus. Students participate in a rigorous curriculum that combines traditional academic courses (science, literature, American history, ethics, languages, and mathematics) with the challenges of independent living (camp craft, cooking, wood splitting, residential living, etc.).

While on campus, students attend a regular rotation of classes (usually not less than five courses and not more than six) that meet for ninety minutes each day. Those courses that keep students abreast of classes in progress of sending schools (e.g. Algebra II, Pre-Calculus, Calculus, Spanish, and U.S. History meet every day, including Saturday mornings. This extra scheduling helps to ensure consistent coverage of sending school curricula and promotes a higher-level learning environment for students and teachers. Those courses which are part of our core Western American Studies curriculum stand as self-contained HMI subjects (e.g. Natural Sciences, Literature of the Natural World, Ethics of the Natural World, and second semester U.S. History).