



Course Descriptions
Troy Jr. Sr. High School
2024-2025

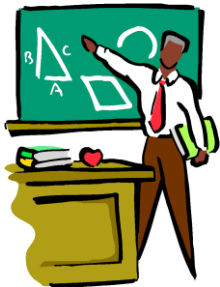




Table of Contents

[Agricultural Science and Technology](#)

[Business & Office Technology](#)

[Economics](#)

[Foreign Language](#)

[Health](#)

[Idaho Digital Learning](#)

[Language Arts](#)

[Mathematics](#)

[Miscellaneous/Electives](#)

[Music](#)

[Orientation](#)

[Physical Education](#)

[Senior Projects](#)

[Science](#)

[Social Studies](#)

[Speech](#)

[Special Education](#)

Agricultural Science and Technology

The Agricultural Science and Technology program is designed to help students acquire an integrated, systemic understanding of how processes interact in the real world. It strives to afford the opportunity, through the intra-curricular FFA program, for young people to experience intense concentration in any activity that requires skill and discipline, regardless of content. The Agricultural Science and Technology program provides useful experiences to develop in students the feeling of enthusiasm and challenge, which are essential for future growth.

Intro to Agriculture Industry/Intro to Agricultural Mechanics 2 Credits / 2 Semesters

This class is limited to freshman students unless an incoming student has not yet taken this course. This course is required for students interested in taking higher-level courses in the agricultural education program. This course takes an in-depth look in the practices, trends, and industry standards of the ever-broadening world of agriculture. Students will study an array of topics including soil science, leadership, public speaking, forestry, mechanics, and careers.

Plant & Soil Science/Applied Greenhouse Management 2 Credits / 2 Semesters

This class is limited to sophomore students who have taken Introduction to the Agricultural Industry. This course introduces students to the scientific theories, principles, and practices involved in the production and management of plants for food, feed, fiber, conservation, and ornamental use. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities. Students will raise annuals, vegetables, and perennials for the annual Troy FFA Plant Sale in the Troy FFA Alumni and Supporters Greenhouse.

Agricultural Welding/Advanced Agricultural Welding 2 Credits / 2 Semesters

This class is limited to juniors who have taken Introduction to Agricultural Mechanics. This course focuses on the fundamentals of agriculture welding as it relates to modern welding practices and techniques. We will be focusing on Oxy-Acetylene, MIG, Arc, and TIG welding as well as Plasma Cutting. We will be establishing safe, hazard free, learning environments. Students will have the opportunity to learn digital drafting programs such as Inkscape to design projects to cut out on our CNC Plasma cutting table.

Agricultural Structures/Agricultural Fabrications 2 Credits / 2 Semesters

This class is limited to seniors who have taken Introduction to Agriculture Mechanics and Agricultural Welding. Students will develop a project proposal plan for projects in either the metal shop or the wood shop. Students will be expected to make a personal project as well as a project for the annual Troy FFA Alumni and Supporters Auction. Students can use the CNC Plasma Cutter and the CNC Laser Engraver to complete their projects. Supplies will be provided by the Troy Agricultural Education Program.

AGED 258: Experiential Learning and SAE Programs/ 2 Credits/ 2 Semesters

AGED 251: Principles of Agricultural Communication and Leadership

AGED 258 (1 Credit) and AGED 251 (3 Credits) are dual enrollment classes offered by the University of Idaho. This class is limited to juniors or seniors who have taken Introduction to

Agriculture. Students have the option to take it for college credit or enroll and take a varied curriculum route without college credit. AGED 258 teaches students how to take what they have learned in the agricultural education classroom room and apply it to a real world application by way of a paid job, entrepreneurship, science project, etc. There will be an emphasis on using the website theaet.com (The Agricultural Experience Tracker). Students can apply for awards and scholarships that will be built into the curriculum. AGED 251 prepares individuals to serve in leadership and communication roles in agriculture. Course topics will include and examination of how agricultural information is disseminated with an emphasis on personal leadership development.

JH: Exploratory Agricultural Science and Technology

0.5 Credits/1 Quarter

This class is limited to Jr. High students. This is an exploratory course to introduce some of the basics of the Agricultural Science and Technology program and the FFA chapter. Students will complete a small project in either the wood shop or the metal shop. Students will also have the opportunity to participate in an FFA activity. Quarter 1 will be Soils, Quarter 2 will be Sales, Quarter 3 will be Conduct of Chapter Meetings, and Quarter 4 will be Forestry.

Business & Office Technology

Business is everywhere! Troy's Business Education program develops skills that students will use while in school and that can be applied to virtually any career of choice. Business Professionals of America (BPA) is the programs intra-curricular student organization. "The mission of BPA is to contribute to the preparation of a world-class workforce through the advancement of leadership, citizenship, academic, and technological skills." (BPA.org) Troy has an active student lead BPA organization that participates annually at regional, state and national leadership conferences. Students have the opportunity to showcase their business skills through competitive events, community service projects, student leadership positions, fundraising efforts, networking and more.

Keyboarding 7

1 Credit / 1 Semester

Keyboarding is a lifetime skill that will serve you well in virtually everything you do. During this semester you will work diligently to develop your keyboarding skills. Technique and accuracy are foundation skills that will help you build your speed. It is common for kids to be keying 35-55 wpm if they apply themselves in class. We will also explore other forms of input technologies including voice recognition, scanning, handwriting recognition, and tablet input.

Interactive Media – Video I and II

1 Credit / 1 Semester

A course designed to introduce students to interactive technologies. Topics include designing, editing, and producing video, audio and graphical elements using digitally generated or computer-enhanced media.

Computer Applications I

2 credits / 2 semesters

Buckle your seat belt, the content of this class is rapidly changing! Get up to speed with the Microsoft Office Suite of programs, everything Google, cloud apps and more. This course designed to introduce students to the use of industry standard computer applications used for solving business problems. Career awareness, employment skills, and contextualized business problems represent the

theme of the course. Topics include an introduction to operating systems and file management; the use of word processing software for purposes of creating business documents; the use of spreadsheet software for storing data and solving mathematically based problems; and the use of presentation software to support the delivery of effective presentations.

Business Digital Communications

1 Credit / 1 Semester

A capstone course designed to integrate knowledge from Graphic Design, Video Editing and Web Design to develop thorough incorporation of sales, marketing and customer interfaces. Students will increase their knowledge of design, visual communication, and professional communication in the world of business. Students have the opportunity to earn Advanced Adobe Certification.

Economics

Economics/Financial Literacy

1 Credit/1 Semester

Economics/Financial Literacy courses provide students with an overview of economics with primary emphasis on the principles of microeconomics and prepares students to recognize the influence of money on human behavior; learn about various types of bank accounts; evaluate various investment options and calculate net worth; learn about various types of credit and how credit rating is determined; understand the essentials of financing a college education; evaluate various types of insurance associated with independent living; recognize the purpose of the tax system and how it relates to each citizen and the citizen's income; build a budget for independent living; and recognize and utilize modern consumer skills, tools, and practices.

Foreign Language

Spanish I

2 Credits/2 Semesters

The goal of Spanish I is to introduce the language through a study of grammar, conjugation of verbs, structure of language and functional vocabulary. Reading skills, pronunciation, listening comprehension and daily oral practice are used with the goal of proficiency in use of the language in a native culture. Study of a variety of Hispanic cultures is also an important part of the class. Technology is used on a daily basis to help practice new information taught in the classroom. Each student will receive a OUINO Spanish learning license to enhance their learning in the classroom. Students use the OUINO technology to aid their learning of Spanish and to practice daily lessons at their own pace.

Spanish II/

Spanish 101: Elementary Spanish

2 Credits/2 Semesters

Spanish II if offered for Dual Credit from LCSC as Spanish 101 for 4 college credits. It continues the study of grammar and most especially verb forms and tenses. In addition, vocabulary, idioms and cultural differences are part of the program. More attention is focused on reading in Spanish and translating short stories, poetry, and cultural pieces. The use of the OUINO Spanish program is continued to help enhance the overall learning goals in the classroom. The goal is to prepare students for college Spanish or for functional use in the working world. By the end of Semester 2 students will be able to prepare essays for public speaking in Spanish and present these speeches in Spanish to their peers. Successful completion of Spanish I is a prerequisite for taking Spanish II.

Health

Health 7/8

1 Credit/1 Semester

This is a semester long class that uses the Holt Health book, Decisions for Health. 7th grade students will cover chapters 1-9 while 8th grade students cover chapters 10-17. Students will cover the basics of physical, mental/emotional and social health. This textbook is aligned with the National Health Education Standards. Students will use different learning styles to master material covered in class.

Health 10

1 Credit/1 Semester

This is a semester long class that uses the Holt Health book, Lifetime Health. This sophomore level class teaches toward mastery of the state education standards, which cover the physical, mental/emotional and social needs of humans. The class prepares students for life beyond the classroom and high school through various teaching methods, projects and activities.

Idaho Digital Learning

Course descriptions for Idaho Digital Learning can be found at <https://idiglearning.net/K12/CourseCatalog> Students must meet the criteria for online learning to take one of these courses.

Language Arts

English 7

2 Credits/2 Semesters

English 7 covers Idaho State Common Core reading standards in both literature and informational texts. Students will focus on identifying the main idea of various informational texts and analyze how the structure and connotation of words affect meaning. Identifying an author's point of view and purpose and determining the validity of evidence to support that point of view is another important focus. In reading literature, emphasis is placed on identifying theme, analyzing how the elements of a story interact, assessing complex characters, and determining the meaning of figurative and connotative words or phrases in a text. Students will also go through each step of the writing process to produce a narrative, argumentative, and informative essay.

English 8

2 Credits/2 Semesters

English 8 covers Idaho State Common Core reading standards in both literature and informational texts. Students will focus on determining the main idea of a text and analyzing its development over the course of a text; emphasis will be placed on examining text structures, figurative and connotative meaning of words or phrases, and connections among and distinctions between ideas or events. Students will also focus on analyzing an argument by identifying the author's claims and evaluating whether the reasoning used to support each claim is sufficient, sound, and relevant. In reading literature, emphasis is placed on analyzing characters, dialogue, figurative and connotative meanings of words or phrases, and identifying themes. Students will also analyze and integrate information from multiple texts in composing argumentative and informative essays.

English 9

2 Credits/2 Semesters

In English 9, the literary focus is on world and American literature, which explores individual and cultural identity. Through short stories, poetry, novels, films and documentary photos, students learn to appreciate their place in society, historically, and how historical events shaped our society. Writing is a focus in this class. Students will spend time learning the elements of quality essay writing, using the six traits of writing as a guide. Students will also complete a multi-genre novel project that will pull together all the aspects of the writing process.

English 10

2 Credits/2 Semesters

English 10 covers Idaho State Common Core reading standards in both literature and informational texts. Students will focus on identifying an author's point of view and purpose and analyze the use of rhetoric and persuasion in advancing his/her point. Further, students will evaluate an author's argument and claims and analyze if the evidence is valid or fallacious. In literature, student focus is on evaluating figurative and connotative meanings of words, themes, and development of complex characters. Students will write effective explanatory and argumentative essays by gathering relevant information from multiple sources, seamlessly integrate information from the texts, and avoid plagiarism by following a standard format for citation.

English 11

2 Credits/2 Semesters

Eleventh grade English focuses almost exclusively on American literature. The emphasis is on historical perspective and a sense of cultural unity and diversity. The eleventh grade continues the thesis writing approach with the emphasis on creating more in-depth and critical essays through research, films, documentary photos and outside speakers. Reading more complex literature and developing discussion skills are major elements as well. In addition, critical analysis, synthesis of information and evaluation of results become a focus of writing and discussions in class. The MLA Style for documenting research sources is also emphasized. Students will produce a full length autobiography. This projects requires students to work through the writing process, as well as develop technology skills.

English 12 Senior Composition/

1 Credit/1 Semester

Eng 101 Writing & Rhetoric I at LCSC

The fundamental skills of reading and writing the essay. Specific attention to personal, descriptive, expository, and persuasive writing. Successful students will be able to: 1. Understand writing as a process, including pre-writing, revision, and editing; 2. Read and respond thoughtfully and analytically; 3. Control a main idea; 4. Develop and organize support for a main idea; 5. Develop a logical argument; 6. Identify and write to a variety of audiences; 7. Develop writing that is appropriate in academic and occupational settings; 8. Write clearly, concisely, and vigorously; 9. Use correct spelling, punctuation, and grammar; 10. Use basic word-processing skills to produce and revise an essay. Writing integrated; computer intensive. There is an option to enroll in this course as a 3 credit dual-enrollment course with LCSC, fulfilling the requirements of English 101.

English 12: Senior Literature/

1 Credit/1 Semester

Eng 175 Literature and Ideas at UofI

Senior Lit focuses on the three main genres of literature; fiction, poetry, and Drama. Critical thinking and literary analysis are important aspects of this semester long class. Speaking and

discussion skills and the ability to argue logically are emphasized through small and large group discussion as well as student led seminars. Students have the option to enroll in this course as a 3 credit dual-enrollment course with the University of Idaho, fulfilling the requirements of English 175.

Mathematics

Math 7

2 Credits/2 Semesters

The emphasis of this course will be knowledge and usage of basic math processes involving rational numbers. 1st Quarter Topics include: rational number operations, creating rational expressions, and applying order of operations to rational expressions; 2nd Quarter Topics include: creating and solving equations and inequalities, creating and understanding ratios and proportions. 3rd Quarter Topics include: scale factor and basic geometry, as well as percentages; 4th Quarter Topics include statistical representations, statistical predictions, and probability. The class will utilize the enVision Mathematics Curriculum as the primary curricular resource, with the calendar set by Beyond Textbooks and Department Policy. Supplementary materials will also be used to reinforce and/or extend concepts.

Pre-Algebra 8

2 Credits/2 Semesters

The emphasis of these courses will be knowledge and usage of basic math processes, including basic geometry and problem solving, and basic math language, with a greater emphasis placed on pre-algebra and algebra techniques as in preparation for Algebra I the following year. The class will utilize the Beyond Textbooks Curriculum as the primary resource, supplementary materials will also be used to reinforce and/or extend concepts.

Algebra I (ended Spring 2024)

2 Credits/2 Semesters

This course provides a comprehensive course in first-year Algebra. Upon completion, students will have an extensive background in basic algebra skills, which will prepare them for further study in mathematics. Throughout the course there are examples of how algebra is applied to everyday life. This course will utilize the Beyond Textbooks Curriculum as a primary resource with additional resources for extension and reinforcement.

Integrated Math I (beginning Fall 2024)

2 Credits/2 Semesters

The first course in the High School Math Pathway, intended for 9th grade students. This course is a combination of grade-level appropriate algebra and geometry standards taught in an integrated fashion. This course will examine one-variable statistics, linear equations and inequalities, linear functions, systems of linear equations, bivariate data, other functions, exponential functions, constructions and rigid motions, congruence, geometric proofs, and polynomials. The class will utilize the envision Mathematics curriculum as the primary curricular resource, with the calendar set by Beyond Textbooks and Department Policy. Supplementary materials will also be used to reinforce and/or extend concepts.

Geometry

2 Credits/2 Semesters

Geometry will help students understand the relationships between points, lines, planes and solids. It will help students develop the ability to think logically and deductively. It will expect them to understand geometric theorems and properties, as well as apply those theorems and properties to creatively solve problems and prove statements about geometric objects. The class will utilize the envision Mathematics curriculum as the primary curricular resource, with the calendar set by Beyond Textbooks and Department Policy. Supplementary materials will also be used to reinforce and/or extend concepts.

Algebra II (ended Spring 2024)

2 Credits/2 Semesters

This course is an elective course designed to give the student a concentrated experience in Algebraic concepts with an introduction into trigonometric functions. It is an excellent preparatory course for students planning on college. The class will utilize the Beyond Textbooks Curriculum as the primary resource, supplementary materials will also be used to reinforce and/or extend concepts.

Prerequisites: Successful completion of both Semesters of Algebra I and Geometry with a C or better OR with instructor approval.

Integrated Math III

2 Credits / 2 Semesters

Integrated III is the third of a three-year sequence where topics in Algebra, Geometry and Statistics are integrated. An Integrated approach exposes all students to the three major domains of mathematics to better equip them to make informed decisions about which math pathway they wish to pursue to achieve their College or Career Readiness goal. Algebra standards addressed will include modeling and solving with Linear, Quadratic, Polynomial, Rational, Radical, Exponential, Logarithmic and Trigonometric functions. Geometry standards addressed will include Right Triangle Trigonometry. Statistics standards will include Advanced Probability and Normal Distributions of data sets. Integrated II is designed to prepare students for the STEM, CTE, and Liberal Arts math pathway. *Prerequisite: Successful completion of Integrated I and II and/or Algebra I and Geometry.*

Applied Math

2 credits/2 Semesters

Applied Mathematics is one of the two [2] junior-level mathematics course offerings in the Math Pathway. Covering the same required standards as the Integrated III Course, but with an emphasis on applying in real-world applications, it opens the pathway to senior-level course offerings Business Mathematics, Technical Mathematics, and Statistics. Topics include: measurement; scientific notation, precision and accuracy; volume, density, and surface area; statistical variance and measures of variability; drawing conclusions from statistical data; applications of equations and functions [linear, quadratic, exponential, logarithmic, and rational] in the real world; financial applications of modeling using functions; making predictions using probability; applications of trigonometric functions in real-world problems.

Business Math

2 credits/2 Semesters

A course designed to provide students with an understanding of essential business mathematical concepts. Basic math and algebraic operations as well as statistical procedures are used to analyze and solve realistic business and money management problems.

Dual Credit Pre-Calculus – Math 147 at LCSC

2 Credits/2 Semesters

This course emphasizes functions, circular trigonometry and multilevel problem solving as preparation for calculus. Functions are treated as mathematical entities, including domain, range, algebraic operations, composition, inverses, and graphing. Polynomial, logarithmic, exponential, trigonometric, inverse trigonometric, radical and rational functions are explored. Algebraic techniques include division of polynomials, roots of polynomials, theory of equations and inequalities, complex numbers and DeMoivre's Theorem, the Fundamental Theorem of Algebra and solving systems of linear and nonlinear equations. Trigonometric identities are derived, proven, and applied. Polar coordinates, vectors and oblique triangles are introduced and used in a variety of applications. Analytic geometry focuses on circles, parabolas, distance and midpoints. MATH-147 is equivalent to MATH-143 plus MATH-144. Pre-requisite: A grade of 'C' or better in Algebra 2 or satisfactory placement score.

Dual Credit Math for Technology – MATHPT 137 at LCSC

2 Credits/2 Semesters

This course fulfills the skills component of the General Education core and provides students with a solid foundation in those areas of algebra, geometry, and trigonometry which are currently pervasive in technical and industrial technologies. Mathematical topics include the Cartesian coordinate system, representations of lines, and functions of one or more independent variables, polynomial, radical, exponential, and logarithmic equations, matrix algebra, and systems of equations, radian and degree measure, right-angle trigonometry, law of sines and cosines, and vectors in applied settings, probability theory, and statistics. This course will emphasize technical applications. This course is recommended for those interested in entering one of LCSC's Technical programs including Auto Mechanics, Diesel Mechanics, Electrical Apprenticeship, Engineering Technology, CNC Machining, Graphic Communications, HVAC, Information Technology, Welding, and more.

Dual Credit Calculus - Math 170 at LCSC

2 Credits/2 Semesters

Definitions of limit, derivative, antiderivative, definite integral. Computation of the derivative, including logarithmic, exponential, and trigonometric functions. Applications of the derivative, optimization, mean value theorem. The fundamental theorem of calculus, brief introduction to applications of the integral and to computation of antiderivatives. Intended for students in engineering, mathematics, and the sciences. Pre-requisites: A grade of "C" or better in MATH-147 or MATH-143 and MATH-144 or satisfactory placement score.

Dual Credit Statistical Reasoning – Math 153 at LCSC

2 Credits/2 Semesters

This course introduces students to problem solving and decision making using single and multivariable statistical models. The course focuses on conceptual understanding of randomness, variability, statistical models, and inference through exploration of data. The use of technology for analysis of data is integrated throughout. Topics include descriptive statistics, probability, hypothesis testing, confidence intervals, likelihood ratios, correlation, and regression.

Miscellaneous/Electives

8th Grade Career Exploration

1 Credit / 1 Semester

This course covers various career clusters and potential occupations within them. Students will explore employability skills such as time management, communication, and decision-making. Students will learn about their personality, dependable strengths, and career options, as well as how to grow in leadership skills and build a personal network. Students will use a variety of tools and complete a final portfolio, which will include a four-year academic plan.

Journalism

1 Credit / 1 Semester

Students that enroll in this class will learn important journalism skills in the areas of news writing, editing, photography, layout / design and other elements of production. Students will take on the role of editor for a given section of a quarterly magazine and will be responsible for writing, designing, delegating, and creating their own content with the supervision of the teacher.

Sports & Society

1 Credit / 1 Semester

Sports play a huge role in contemporary society worldwide. In this class we will explore and think about larger questions that surround sports everywhere. This course will give students a new perspective on the games we watch and play.

Survey to Literature

1 Credit / 1 Semester

In this course, we will be reading, analyzing, and discussing various genres (novel, drama, short story, poetry, and nonfiction) and subgenres (realistic fiction, memoir, fantasy, science fiction, adventure, satire, gothic horror, etc.) of literature with representative readings from each genre and subgenre. We will read both classic and contemporary works, focusing on what the books can teach us about society, culture, and humanity through different time periods and perspectives.

Creative Writing: Unlock Your Storytelling Potential

1 Credit / 1 Semester

This high school Creative Writing course is designed to spark imagination, hone writing skills, and encourage personal expression. Through a variety of writing exercises, students will explore different genres, including fiction, poetry, creative non-fiction, and short stories. They will engage in writing workshops, peer reviews, and discussions of literary techniques to develop their unique voice and style.

A major highlight of the course is participation in **National Novel Writing Month (NaNoWriMo)**, where students will work toward the ambitious goal of writing a novel. By the end of the semester, students will have crafted stories, experimented with character development, and structured narratives—all leading up to their own NaNoWriMo projects. Whether you're a seasoned writer or new to creative expression, this course offers a supportive and inspiring environment to bring your stories to life.

Yearbook

1 Credit / 1 Semester

This course is designed to be fun and creative. You will be working as a team to develop and execute an action plan, create and manufacture a product, sell your product and measure your sales success. First semester will focus on developing photography skills, learning design principles, photo editing and developing a business plan. Second semester will involve creating page spreads and marketing the yearbook. Yearbook staff members will work as a team to create a yearbook that tells a story through a theme that unifies the entire book. Students should remember that they are

creating a historical document. You will be required to create a cover design and title, help design or select page layouts, choose supporting graphics, write copy, captions, headlines, sub-headlines, take and select representative photographs that depict various aspects of school life, including but not limited to; classroom activities, sports teams and events, academic clubs and organizations, dances and other events that are sponsored by the school. This class will require some activity outside of regular class hours. Students will need to attend assigned activities and sporting events to collect photos for the yearbook.

Music

Troy High School Choir

1-8 Credits/1-8 Semesters

Troy High School Choir is for student's grades 9-12. Students will learn the fundamentals of singing techniques and musicianship utilizing music theory and performance. Vocalist will enjoy a wide variety of genres from classical to contemporary. This is a performing group that will have opportunities to share their music at athletics events, student assemblies, concerts and district competitions.

Troy Jr/Sr Band

1-8 Credits/1-8 Semesters

Troy Jr/ Sr Band is for students 7-12 grades. They will receive instruction in woodwind, brass and percussion instruments. Students will develop correct technique, reading skills and band fundamentals. This class will perform at athletic events, school assemblies and concerts.

Orientation

7th Grade Orientation

0.5 Credits/1 Quarter

This class works on skills necessary to make a smooth transition from elementary school to junior high school. Students will set up and organize 3-ring binders for core academic classes, learn how to login into Family Link, chrome books, and computers, and write daily objectives in their planners. Students will learn how to set up an organized locker and learn which resources should be with them for morning and afternoon classes. This class emphasizes strategies to effectively manage time, study for exams, speak and listen effectively, and set goals.

Physical Education

All levels of P.E.

2 Credits/2 Semesters

The physical education program at Troy Jr. Sr. High School is designed to teach knowledge and skills of various sports activities, along with instilling the values of teamwork, cooperation, competitiveness and fair play.

Lifetime Fitness

2 Credits/2 Semesters

Lifetime Fitness is a Physical Education class that offers students the opportunity to experience activities and sports that they can use beyond high school. Life Sports involves indoor and outdoor activities, traditional team and individual sports, field trips and allows students to gain a better awareness of their own physical lifestyles. Weekly Fitness Logs are a requirement of the class.

Students will track their daily fitness activities outside of class and submit them at the end of a 3-week period.

Weight Training

This active course is designed to help each student improve muscular strength, understand and gain knowledge of weight training theory and practice. Students will understand the importance of setting goals for personal improvement and achievement. This course will give each student lifelong skills of how to maintain adequate physical fitness for a healthy lifestyle.

Senior Projects

1 Credit/1 Semester

Senior projects is a one semester long course designed to guide and mentor students as they complete a 25 hour out of school senior project. As a requirement for graduation, all seniors must complete this community related senior project along with a 5-7 page exploratory research paper of a related topic, a portfolio demonstrating student learning and project artifacts which will be presented at a Senior Projects Fair.

Science

Life Science 7

2 Credits/2 Semesters

Offered in the seventh grade, this class is an overview of basic Biological Science. The class is structured in 4 units which include Interactions Within Ecosystems, Life Structure and Function, Reproduction of Organisms, and Change Over Time.

Earth Science 8

2 Credits/2 Semesters

This course covers in detail the four areas defined by Earth Science, Geology, Oceanography, Meteorology, and Astronomy. The class is structured in 4 units which include Exploring Space, Water and Climate, Impacts on the Environment, The Changing Earth.

Physical Science

2 Credits/2 Semesters

Physical Science is an introductory course to the world of physics and chemistry. Based on the Next Generation Science Standards, the course uses StemScopes Curriculum as a primary method of delivery, supplemented with other instructional materials. The topics examined in this course may involve the following: the periodic table, elemental structure, compounds, chemical and nuclear reactions, equilibrium, structures of matter, nuclear chemistry, reactions and energy, Newton's Laws of Motion, momentum, interaction of forces and forces at distance, energy and its applications, thermodynamics, and waves in matter and their applications. This is a rigorous course that sets the foundation for much of later high school science.

Biology

2 Credits/2 Semesters

This course is a sophomore level class covering the plant and animal relationships in the living world. Cells, Energy, Anatomy, physiology, ecology, genetics, embryology, taxonomy and evolution are covered.

HS Earth Science

2 Credits/2 Semesters

Anatomy and Physiology

2 Credits/2 Semesters

Anatomy and Physiology focuses on the structure and functions of the human body.

Chemistry

2 Credits/2 Semesters

Chemistry is a college preparatory course that focuses on the following areas: The periodic table and element properties, Structure of elements, compounds, and chemical reactions, Structure and properties of matter, Reactions and energy equilibrium, and Nuclear chemistry.

Fish and Wildlife Science

2 Credits/2 Semesters

This course is a junior/senior level class designed to introduce students to the science of fish and wildlife management. The curriculum will cover principles of zoology, ecology, and conservation. Wildlife habitat as well as life histories of mammals, waterfowl, game birds, predators, songbirds, fish, reptiles, and amphibians will be discussed. Natural resource careers, policy, and management will also be emphasized.

DC Environmental Science/

Envs 101 Intro to Env. Science 101 at UofI

1 Credits/1 Semester (Fall)

This course is an introduction to basic principles in biological, physical, and social science areas of environmental science. Specifically, the course is divided into units focused on population issues, biodiversity, water, energy, air resources, and waste management.

*Dual Enrollment with the University of Idaho for 3 college credits

DC Wildlife Science/

Fish 102 Wildlife Science at UofI

1 Credit/1 Semester (Spring)

This course will explore careers available within the natural resource profession. Other areas of focus will include methods used to survey fish and wildlife populations as well as discussion of a variety of issues dealing with the management of fish and wildlife populations. *Dual

Enrollment with the University of Idaho for 1 college credit.

Social Studies

Social Studies 7

2 Credits/2 Semesters

Social Studies: The Eastern Hemisphere

The focus of this class is on the study of societies in the eastern hemisphere. Major units of study include Geographic Skills, Europe, Asia, Africa, The Middle East, and Australia, New Zealand and the Pacific Islands (as well as a unit on Idaho...?). Each unit will deal with the elements of

economics, geography, history, citizenship, culture and other social studies related disciplines. The course introduces students to the world around them.

Social Studies 8

2 Credits/2 Semesters

World History I: Prehistory to the 1500's

This course will provide a comprehensive view of the history of human society from the dawn of civilization to the 1500's. We will examine the rise of human civilizations around the world while examining the political, geographic, economic, social, religious, military, scientific and cultural developments, and contributions of each. The course is intended to explore the development of civilization and lay the groundwork for understanding the development of modern rights, liberties and concepts of the individual. Course will also develop students' ability to use and understand the Historian's Toolbox, including understanding the role of bias, perspective, primary and secondary sources, and evidence-based reasoning in helping historians understand how history happened.

Modern World History

2 Credits/2 Semesters

This course will provide a comprehensive view of the history of human society from the 1500's into modern times. We will examine the progress of civilizations from around the world and the political, geographic, economic, social, religious, military, scientific, and cultural developments and contributions of each.

U.S. History

2 Credits/2 Semesters

Colonial to Present

This course is a survey of the United States History from colonial settlement to the present. It will focus on the people, events, and major themes that have, and continue, to shape our country.

Government

2 Credits/2 Semesters

Government is the yearlong study of political processes and governmental structures. In addition to understanding the workings and forms of government(s), the course stresses the responsibilities and rights of the students as citizens in making the republican form of decision-making workable at both the national and local levels. Therefore, critical thinking and analytical skills development plays a significant role in the classroom learning strategies and are integrated into peer discussions and collaborative efforts.

Speech

DC Speech

1 Credit/1 Semester

Comm 204 Public Speaking at LCSC

This 10th grade course consists of learning the skills needed for effective speech communication. This course also provides students with different speaking techniques that can be used to write and deliver their ideas to an audience. The focus of the speech course is to establish a solid foundation for using both the writing and speaking processes. *Dual Enrollment is an option for this course through LCSC for those students who have a 3.00 cumulative GPA. Objectives:

- Setting a solid foundation in the writing and pre-writing process. This objective includes the ability to create a logical and organized written outline, as well as the ability to revise and reflect upon ideas.
- Writing to inform or persuade with the use of appropriate style and vocabulary for a particular audience.
- Learning the speaking process to share and understand information.
- Learning a variety of electronic materials that will be used as speech delivery tools.
- Attain the ability to listen for information and understanding.
- Establishing and learning the four cornerstones of speech communication. (Topic selection, research, preparing an outline and rehearsing)

Special Education

Special Education

Individualized programs are designed to meet the needs of all qualified students. Students' needs will be assessed, and programs developed with the input of parents and team members. Assistance and remediation will be given in subject areas identified as areas of need by the child study team. Support will be given in the classroom whenever appropriate though some students may have their academic needs met in the resource room. Additionally, students may also receive instruction in any of the following areas: functional academics, organization, community, vocational, recreation, social and/or life skills. Certain students may require more complex interventions, and may spend the majority of their school day working on skills in the Special Ed. environment.

Special Education Study Skills

1-8 Credits/1-8 Semesters

Students are given the opportunity to learn to manage their learning experiences to successfully meet educational goals. Emphasis is placed on academic skills, self-assessment, self-determination/self-advocacy, goal-setting, organizational skills, social skills and critical thinking.