

Elective Course Descriptions

Fine Arts Courses Offered

Annual / Photography – Exposes students to the manner in which photography is used to convey information and experiences. The course is coordinated with the production of the school's yearbook and provides students with the opportunity to improve their photo composition and film development skills, and apply their art to a journalistic endeavor.

Concert Band: This group will work on fundamentals of musical development (scales, rudiments, etc.) as well as performances. Students are to perform at pep band and marching band.

Design: Interiors and Fashion : This course helps prepare you for a job in one of the many areas of fashion or design. Explore what makes design work, how to use design to your advantage, and how to create. This class begins with basic sewing skills, explores how history affects the designing process, what makes design “work”, and how to apply these new skills when designing for a client. The second semester is geared for real life application. Use your design skills by helping design “Cardinal Wear” or experience other interior or fashion work related projects. This class is hands-on fun. Student store opportunities are available. ***(College credit is available)***

Digital Design – Emphasizes design elements and principles in the purposeful arrangement of images and text to communicate a message. Topics include investigating the computer's influence on the role in creating contemporary designs. Students explore web related design technology and learn graphic design through building websites and designing their own graphics. This course is also cross-credited with a CTE/computer class. ***(May be available for college credit.)***

Drama – Intended to develop students' experience and skill in one or more aspects of theatrical production. The course provides an overview of the features of drama such as acting, set design, and stage management.

Jazz Band: Private lessons are highly recommended. Instrumentation includes tenor, alto, and bari saxophones, trumpets, trombones and piano, bass, drums, and guitar. We will be playing many styles of jazz including swing, Latin, ballads, and rock/funk. The student will also learn the basics of improvisation.

Symphonic Choir: This is the major choral group at Medical Lake High School. Although a non-audition choir, vocal fundamentals and expectations exceed basic skills. All levels of individual development occur. Major choir literature, both sacred and secular fine art, as well as some forms of popular music are explored.

Visual Media - This course will focus on career exploration in the fields of Multimedia/Visual Communications. Students will explore the areas that cover design, production, display, and presentation of material of all types (advertising, education, illustrative, etc.) using the media that best displays the illustration. Media includes digital photography, animation, computerized graphics, video, audio, and methods of presentation. This course is also cross-credited with a CTE/computer class. ***(May be available for college credit)***

Career and Technical Education Courses Offered

Ag Communications: The purpose of this course is to help students attain professional and personnel success through effective oral and written communication in the agricultural industry. The course will develop leadership, communication, sales and marketing, decision making, goal setting, and a career pathway. Participation in public speaking competitions will be encouraged.

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Food and Nutrition: College Tech Prep Credit : Learn to make informed decisions about what you eat and proper methods of preparation. Cooking skills, safety, nutrition, food safety, food science, global food issues and kitchen management are included. Students will demonstrate nutrition and wellness practices that enhance individual and family well-being through food labs, individual and group projects, and oral presentations. Explore career opportunities available in foods and nutrition by hands-on experiences. This class offers student store opportunities.

Food Production: A Student Store Opportunity (can take for three years): Students will be given challenging real-world projects and assignments typical in the area of food production and services. This course is designed for students to learn to integrate knowledge skills and practices required for careers in food production and services. Students will have the opportunity to research and demonstrate skills and knowledge in a hands-on environment. The class focuses on cooperative learning and interpersonal skills. Food labs reflect that the current knowledge is being learned.

Human Development: 2 semesters: This course is designed for students to learn about human development over a lifespan. A main emphasis will be on child development. Students will have opportunity to research and demonstrate skills and knowledge in a hands-on environment. The class focuses on cooperative learning and interpersonal skills. Students will explore human development from conception to geriatrics, analyzing parenting, communication, nutrition, and family challenges. Experience the “babies” and see what it is like to have infant responsibility. Woven into this class is lots of community service opportunity so students can develop important leadership skills. This class has lots of hands-on learning opportunities.

Introduction to Business / Marketing: A semester long exploratory course where students will learn about the dynamic environment in which businesses operate and the major trends that are affecting businesses today. Students will gain an insight into business career opportunities by understanding how business career opportunities by understanding how businesses are organized, identifying the principle functional areas of management, and exploring the roles and the skills required of a manager. Students will also be introduced to some business ethics, some basic marketing and advertising principles.

Mechanics: A program that generally prepares individuals to sell, select, and service agricultural or agribusiness technical equipment and facilities, including computers, specialized software, power units, machinery, equipment structures, and utilities. Includes instruction in agricultural

power systems; planning and selecting materials for the construction of support facilities; mechanical practices associated with irrigation and water conservation; erosion control; and agricultural data processing systems.

General Electives

Psychology – Introduces students to the study of individual human behavior. Course content includes (but is not limited to) an overview of the field of psychology, topics in human growth and development, personality and behavior, and abnormal psychology.

Sociology – Introduces students to the study of human behavior in society. Course content includes an overview of sociology including topics such as social institutions and norms, socialization and social change, and the relationships among individuals and groups in society.

Speech -

Health and Fitness Courses Offered

One and half credits are required for graduation. All freshman are required to take PE 1 /2 and health. The additional half credit can be earned from the following courses including Advanced Health.

Advanced Health –

Fitness Activities – This class will introduce the students to a variety of programs which will enable the students to develop an individualized fitness program that fits their own interests. The students will be introduced to fitness programs such as: yoga, pilates, Tae bo, power walking, cycling and fast fitness. They will also be introduced to a number of team and individual sport. Each day the student will have the opportunity to participate in a different physical activity.

Life Sports - Develop intellectual knowledge of games, sports and various activities through the understanding of rules and strategies

Weights- Develop a higher level of physical fitness. To increase body weight, strength, cardiovascular fitness and flexibility. Develop muscular strength, endurance, flexibility and cardiovascular fitness.

Science Courses Offered

Two credits are required for graduation, however for college bound students a minimum of three credits are recommended.

Aerospace 1 /2 – This course provides an in-depth study of Physical Science and Aviation Science. Students will gain knowledge about the environment, the atmosphere, weather, aerodynamics, the human body, chemistry and the basic physical principals that govern our lives. Writing and speaking are integrated into the curriculum. Leadership studies include military customs and courtesies, flag courtesies, basic drill as well as study techniques and time management.

Animal Science - A general course that focuses on the scientific principles that underlie the evaluation of breeding and slaughter animals, breeds and genetics, heritability and generic

improvement, mating systems, basic animal and human body systems, animal health and nutrition, anatomy and physiology of reproduction, and consumer products and processing. This course fulfills the freshman science requirement or as an elective.

Biology – Provides information regarding the fundamental concepts of life and life processes. Topics covered may include cell structure and function, general plant and animal science physiology, genetics, and taxonomy.

Chemistry – Involves studying the composition, properties, and reactions of substances. Topics covered may include exploring concepts as the behavior of solids, liquids, and gases; acid/base and oxidation/reduction reactions; and atomic structure. Chemical formulas and equations and nuclear reactions are also studied.

Environmental Science – Examines the mutual relationships between organisms and their environment. This course covers photosynthesis, recycling and regeneration, ecosystems, population and growth studies, pollution, and conservation of natural resources. This course fulfills the freshman science requirement.

Horticulture – This course is designed to introduce students to the fundamentals and applications of plant science. Horticulture will offer students both classroom and greenhouse experiences. Students will gain an understanding of plant identification, growth, and reproduction. Plant production and marketing will be emphasized. Students will also become familiar with greenhouse structures and operations and recognize plant pests and pesticides.

Physics – Involves the study of the forces and laws of nature affecting matter, such as equilibrium, motion, momentum, and the relationship between matter and energy. The study of physics includes the examination of sound, light, and magnetic and electric phenomena.