## Course Descriptions

**Intro to Agriculture 1 (½ credit)**

Do you have a passion for animals? Are you a fan of food? Introduce yourself to the diverse world of agriculture through a focus of animal production and food processing in the United States! You will experience hands-on activities, projects, and career exploration related to the care and production of animals like cattle, pigs, sheep, horses, dogs and cats. This course is a prerequisite to Large Animal Science and Small & Companion Animal Science. If you also want to learn about plants and natural resources--take Introduction to Agriculture 2.

**Intro to Agriculture 2 (½ credit)**

Expand your "field" or education! "Cultivate" your knowledge with a fresh, new elective! This course will focus on plant production and natural resources management as an introduction to the agriculture industry. You will experience exciting hands-on activities like growing your own plants in the greenhouse and going outside to explore the natural resources around you! This course is a prerequisite to Plant Science and Wildlife and Natural Resources. Prerequisite: Introduction to Agriculture 1

**Techno Art (½ credit)**

The emphasis of this course is using technology to create works of art. In our 21st century culture, visual images are everywhere. It is important that students become savvy at creating and understanding those images, as well as developing a broader range of computer skills. This course concentrates on drawing, painting and 3-dimension design using Adobe Photoshop, Adobe Illustrator, and Adobe Premiere. Students will receive basic training on the primary types of software in which digital artists and designers must be familiar. This includes photo manipulation and composition with Photoshop, text and vector illustration with Illustrator, and creating your own art with a variety of classic art materials and scanning them into the computer for further manipulation. If you like being creative but maybe are unsure of your artistic skill, then this is the course for you.

**Drawing & Painting I (½ credit)**

Drawing & Painting is an introductory art course designed for students with little or no previous art experience. Emphasis of this course will be on building a variety of skills and an understanding of the various techniques used in a drawing, and other 2 dimensional art projects. Projects will include the following processes: Drawing, design, painting and color theory. We will use pencil, ink, charcoal, pastels, oil-pastels, and other combinations of black and white or color drawing materials. There is a materials fee for this course.

**Sculpture & Design I (½ credit)**

This is an introductory art course designed for students with little or no previous art experience. Emphasis of this course will be on building a variety of skills and an understanding of the various techniques used in a broad range of art projects. Projects will include the following processes: clay sculpture, stained glass and computer design. There is a materials fee for this course.

**Computer Applications I (½ credit)**

Computer Applications is a course designed to teach students how to use the computer as a personal and business tool through the use of applications software. It is encouraged and suggested that the course be taken in the 9th grade as skills learned in this course will help students succeed in other high school or college courses as well as in a current or future job. While proper technique of using the keyboard will be reviewed, the focus of this course will be using computer processing applications in the real world. Emphasis will be placed on word processing, spreadsheet, database management, and presentation skills using Google Drive and MS Office Suite.

**Computer Applications II (½ credit)**

The Advanced Computer Applications course will show students tangible ways to utilize intermediate and advanced concepts in computer applications. All students are encouraged to take this course because in today's workforce, having advanced computer technical skills are pertinent to success. Additional real world software application concepts in word processing, spreadsheets, database management and presentation skills will be emphasized. However, students will be encouraged to relate concepts to their personal lives for better understanding as well as hone their presentation skills to be effective and professional. Prerequisite: Computer Applications (C- or better)

**Marketing 1 (½ credit)**

This course provides an introduction to marketing concepts and functions. It focuses on the marketing principles of product, price, place (distribution) and promotion, and how these principles impact every company or organization. Throughout the duration of this course, students will participate in engaging and creative projects and presentations. Introduction to Marketing lays the foundation for the majority of the other business courses offered in the department. Therefore students are encouraged to enroll in this course as 9th graders to allow for ample time to learn and succeed in other business class offerings.

**Enjoying Light Meals (½ credit)**

Interested in improving your cooking skills? Here's a chance to enjoy planning, preparing, and serving quick nutritious meals for yourself and friends. The class will explore a variety of preparation methods through lab experiences. A course fee is required.

**Treble Choir (1 credit)**

Treble Choir is a non-selective group of treble voices made up of female students at the beginning level of choral singing. The students will acquire the skills, abilities, understanding, and attitudes necessary to express themselves vocally as individual singers and as members of a choral ensemble. They will perform a variety of SSA and SSAA music. The choir rehearses daily and students will be assigned lessons outside of class.

**Concert Chorale (1 credit)**

Concert Chorale is a non-auditioned group of mixed voices. The students will develop the skills, abilities, understanding and attitudes necessary to express themselves vocally as individual singers and as members of a choral ensemble. They will perform a variety of SAB and SATB music. The choir rehearses daily and individual or small group lessons are required.

**Concert Band (1 credit)**

Concert Band is made up of freshmen. Although this band is primarily a training band, the band has full instrumentation and performs at all concerts. The emphasis is preparing students for the next level of performance through rehearsals, lessons, skills studies, and concert performances.

**Jazz Lab (½ credit)**

This ensemble is a group of less-experienced instrumental performers with an emphasis on learning the styles of big band. Latin, rock, pop, swing, and funk music with an emphasis on beginning improvisation. Participation in this ensemble is by audition only or by consent of instructor. Director will make selection to this ensemble.

**Music Theory (1/2 credit)**

It is the intent of this course to offer a basic knowledge of music theory. Active participation in band, choir or private music lessons are high suggested. Emphasis in the course will be on basic notation, chord structure, rhythm, terminology, and composition.

**Owl Speed and Power 1 (½ credit)**

This elective course is designed for students who wish to participate in a weight lifting program for their personal strength development. The class will incorporate the Bigger, Stronger, Faster weight lifting program. Class will meet five days a week but will only meet for a single class period. Grading will be based on effort, behavior, and strength improvement.

**Lifetime Fitness (½ credit)**

This course is designed as an elective for students who have completed the basic required physical education requirements or as a replacement for Physical Education III. The purpose of this course is to promote the development and maintenance of lifetime fitness. This course will cover the meaning and importance of fitness, body composition and weight control, muscular fitness, flexibility, cardiovascular fitness and design of a personal fitness program. Activity units may include: weight training, circuit training, aerobics, step aerobics, power walking, biking, aerobic sports, and jump roping.

**Leadership & Life Skills (½ credit)**

This course is designed for students striving to develop and enhance their leadership skills. Students will learn essential leadership skills through the curriculum "Character Strong." Other topics include CPR, AED, & First Aid certification, character development, goal setting, preparation for life after school, relationships, mental health, and current events.

**Principles of Biomedical Science (1 credit)**

In the introductory course of the PLTW Biomedical Science program, students explore concepts of biology and medicine to determine factors that led to the death of a fictional person. While investigating the case, students examine autopsy reports, investigate medical history, and explore medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, basic biology, medicine, and research processes while allowing them to design their own experiments to solve problems.

**3D Modeling I (½ credit)**

In order to convey ideas thoroughly to others, people need to develop several means of communicating. 3D Modeling provides the student with the chance to improve his/her talents in communicating through mechanical drafting. Areas covered include an introduction to geometric construction, orthographic projection, pictorials, dimensioning, and section views. Students will explore & utilize computer drafting. This course is helpful for students interested in any area of technical education, engineering, or design. This course can be taken for college credit.

**Basic Electricity (½ credit)**

Basic Electricity addresses a broad range of STEM (Science, Technology, Engineering, Math) topics that provide students with an understanding of amperage, voltage, and resistance. Students will learn the terminology, theories, laws, tools and equipment related to electricity and apply them to various lab activities and projects during the course of the semester. Students will also be introduced to the "DIY/Maker" movement that is present today in society. Electronics play a large role in our lives and understanding the basics of them can spur many great ideas for the future. This class is a prerequisite for Digital Electronics.

**Graphics I (½ credit)**

Students will explore one of the largest industries in Wisconsin - the field of design and graphic communications. Emphasis is on "hands-on" lab work (no artistic skills required). Students will be introduced to graphic design and layout using various professional software programs (Adobe Photoshop, Illustrator, and InDesign), offset and screen-printing, and more. A materials fee is charged.

**Metals Technology (½ credit)**

Metals Technology is an introductory course that teaches students the fundamentals of working with metal using both hand and power tools. Strong emphasis is placed on measurement and related math. Through hands on projects students will learn about basic sheet metal fabrication, welding, machining, and casting. This class is a prerequisite for Welding I or Intro to Automated Manufacturing. There is a materials fee.

**Introduction to Engineering I (½ credit)**

This Slinger STEM (Science, Technology, Engineering, Math) course is a basic introduction to engineering for all students. Students who complete this course will learn the concepts necessary in order to develop their ideas into solutions that will improve our lives. Exciting hands-on learning activities like data comparison of heart rates, rating consumer products, destructive testing and 3D solid modeling apply math, science, history and English content from other courses in a STEM experience. This course makes science and mathematics more engaging, interesting, concrete, and relevant. While providing a STEM based education for all students, those interested in becoming practicing engineers clearly benefit from this course content.

**Introduction to Engineering II (½ credit)**

This is a continuation of the first introduction class. Hands-on learning activities continue to be done. The difference is an engineering foundation has been established, therefore the projects and activities will become more rigorous. Students will be expected to apply the skills they have learned from the first class into projects in this course. As in the first level class, this course makes science and mathematics more engaging, interesting, concrete, and relevant. Prerequisite: Intro to Engineering I

**German 1 (1.0 credit)**

Students begin a serious study of the German language and culture. Emphasis is placed on comprehension, pronunciation, speaking, reading and writing simple German using correct grammar with the following topics: greetings and introductions, colors, alphabet, numbers, the days of the week, telling time, classroom expressions, school subjects, the school day, leisure time activities, the euro, and the family. Grammar focus is on German sentence structure, articles and possessive adjectives, pronouns, and verb conjugation. The location of the German-speaking countries within Europe, basic information about Germany, and culture related to the topics above, as well as holidays and traditions, make up the German I curriculum. There is a materials fee for workbooks. Prerequisite: Above average ability in English grammar.

**Spanish I (1.0 credit)**

In this introductory course students will acquire a basic foundation of vocabulary which includes: greetings and farewells, numbers, time, dates, colors, weather, foods, clothing, leisure activities, physical descriptions, etc. Speaking and listening comprehension are practiced with an emphasis on Latin American pronunciation. There will also be practice with reading and writing in Spanish. Some key grammar points covered in this course are: present tense verb conjugation, sentence/question structure, article usage, noun-adjective agreement, pronouns, negative expressions, and comparisons. Cultural notes are presented in each chapter. There is a materials fee for workbook. Prerequisite: Above average ability in English grammar.

**German II (1.0 credit)**

Continuation of German I with an increased emphasis on comprehension, speaking, pronunciation, reading, and writing using vocabulary from the previous year and adding from the following topics: going shopping for clothing, shopping for groceries, the school day revisited and expanded, telling time, asking and giving directions, months and the seasons, the weather, more leisure time activities, chores around the house, parts of the day, train & plane travel, nationalities and eating at a fast food stand. Previous grammar topics will be reviewed, many modal verbs will be learned, and some command forms introduced. Culture remains important and will be reviewed and expanded in conjunction with the above topics. Beginning level German reading selections will be read in class. 55 Prerequisite: Successful completion of German I

**Spanish II (1.0 credit)**

Much of the vocabulary learned in Spanish I will be reviewed in this course. Students will use more conversation for various situations such as: sports, chores, shopping & clothing, daily routines, marketplace, past times, and travel. All of the grammar from Spanish I will be reviewed and practiced. Closely related verbs such as estar and ser will be studied. Several new verb tenses (preterit, imperfect, and commands) will be learned. Certain aspects of culture will be presented in each chapter of the text. There is a materials fee for a workbook.

Prerequisite: Successful completion of Spanish I