

**LOYAL HIGH SCHOOL
2021-2022 COURSE DESCRIPTION HANDBOOK**

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The right of a student to participate fully in classroom instruction and extra-curricular activities, pupil services, recreational or other program or activity, shall not be abridged or impaired or be denied participation in, be denied the benefits of, or be discriminated against because of the person's sex, race, religion, national origin, ancestry, creed, pregnancy, marital or parental status, sexual orientation or physical, mental, emotional or learning disability.

USE OF SCHOOL-OWNED PROPERTY AND EQUIPMENT

A student shall not cause nor attempt to cause damage to school or private property, nor steal or attempt to steal school or private property either on the school grounds or during a school function off the school grounds. The student shall immediately compensate for damage.

GRADUATION REQUIREMENTS FOR LOYAL SCHOOL DISTRICT

All students must complete the graduation requirements as established by the School District of Loyal Board of Education to be eligible for a Loyal High School Diploma. Students must obtain approval from the principal prior to enrolling in courses for credit which are not offered by Loyal High School. Students will not be permitted to participate in commencement exercises until all requirements and obligations are completed. This includes fees, fines, and classroom materials and detention time owed. Students need to earn 25 credits to be eligible to graduate from Loyal High School. The following credits are specified by content area.

English:	Required Credits
English 9 (2 trimesters) 1 credit.....	1
English 10 (2 trimesters) 1 credit.....	1
Junior Selections*	1
Senior Selections (must enroll in at least ½ credit during senior year).....	½
Total:	4

*Note: Juniors who wish to fulfil their senior English requirements with higher education courses must take 2 trimesters of College-Prep English in their Junior year.

Social Studies:	Required Credits
American History 1 (2 trimesters in grade 9) 1 credit	1
American History 2 (1 trimester in grade 10) ½ credit.....	.5
Political Science (1 trimester) ½ credit.....	.5
2 Social Studies Selections (1 trimester each) ½ credit each.....	½
Total:	3

Mathematics:	Required Credits
Algebra (2 trimesters) 1 credit.....	1
Geometry (2 trimesters) 1 credit.....	1
Intermediate Algebra (2 trimesters) 1 credit.....	½
Note: ½ credit of Math may be earned in Algebra Basics or Consumer Math. All students will be encouraged to take Algebra, Geometry, and Intermediate Algebra.	
Total:	3

Science:	Required Credits
Option 1:	
Integrated Science (2 trimesters) 1 credit.....	1
Biology (2 trimesters) 1 credit.....	1
Science Selections (2 trimesters) ½ credit each	1
Option 2:	
Biology (2 trimesters) 1 credit.....	1
Chemistry (2 trimesters) 1 credit.....	1
Science Selections (2 trimesters) ½ credit each	½
Note: ½ credit of Science may be earned in Horticulture or Animal Science	
Total:	3

Physical Education:	Required Credits
Phy Ed 9 (1 trimester) ½ credit.....	.5
Phy Ed Selections (2 trimesters) ½ credit each.....	½
Total:	1.5

Personal Finance (1 trimester) ½ credit5

Computer Applications (1 trimester) ½ credit.....5

Co-Health (1 trimester) ½ credit.....5

Total Required Credits: **16 credits**
Elective Credits Needed: **9 credits**
Total Credits Needed to Graduate: **25 Credits**

Graduation speakers for commencement are selected from the top 10% of the graduating class. A faculty committee selects the speaker. Any student who has not earned the necessary total credits required for graduation will not be allowed to participate in the graduation exercise.

NOTE

1. Graduation credit will NOT be awarded to students who re-take previously passed classes—unless permission is obtained prior to scheduling. Exceptions will be made for Yearbook, Band, Chorus, and Strength and Fitness.
2. Only those students taking five or more classes will be eligible for the honor roll. No student with an incomplete will be listed on the honor roll.
3. Be sure to check your credits with the school counselor.
4. All courses are open to male or female students.

***Classes approved for the third credit/year of Mathematics and Science at Loyal High School will apply toward the credit requirements to graduate from Loyal High School. However, these classes may not be accepted as Math/Science credit at other secondary schools or at post-secondary institutions. Please consider this as you select your third Mathematics and third Science credits.**

Math: All students will be encouraged to take Algebra, Geometry, and Intermediate Algebra. However, students can also fulfil the graduation requirements by receiving approval to take Algebra Basics and Consumer Math. These courses may not be accepted as Math credit at other high schools nor at higher-education institutions.

Science: The three credits of science are generally fulfilled by taking Biology, Chemistry and other courses offered through the Science Department. However, students can also fulfil the third science requirement by taking Animal Science AND Horticulture—this combination may not fulfil the requirements for entering a higher-education institution.

DUAL CREDIT and AP COURSES

Dual Credit Courses

Dual credit courses are technical college courses that are taught by Loyal High School teachers here at Loyal High School. Students (juniors or seniors) enrolled in dual credit courses automatically earn high school credit (by passing the course) and have the option of earning technical college credit, as well. There is no cost to the students for these technical college credits. If a Loyal High School student successfully completes a dual credit course here at Loyal and wishes to earn technical college credit for that class, the student will receive an official technical college transcript, which could be transferred to a four-year university.

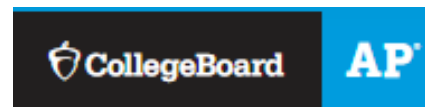


Dual Credit Courses currently offered at Loyal include:

DC Accounting (NTC: Accounting I, 10-101-111)
DC AP Pre-Calculus (NTC: Trigonometry, 10-804-196)
DC Advanced Foods (NTC: Food Safety and Sanitation, 10-316-100)
DC Body Structure & Function (NTC: Body, Structure & Function, 10-806-110)
DC College Algebra with Applications (NTC: College Algebra with Applications, 10-804-198)
DC Intermediate Algebra with Applications (NTC: Intermediate Algebra with Applications, 10-804-118)
DC Introduction to Animal/Dairy Science (NTC: Intro to Animal Science, 10-091-104)
DC Introduction to Business (NTC: Introduction to Business, 10-102-124)
DC Marketing Principles (NTC: Marketing Principles, 10-104-172)
DC Orientation to Agronomy (NTC: Orientation to Agronomy, 10-093-101)
DC Welding (NTC: Introduction to Welding, 10-442-101)

AP Courses

AP courses are designed to prepare high school students for the rigors of college-level work. AP courses are taught by Loyal High School teachers at no extra cost to Loyal High School students. After students complete an AP course, for which they earn high school credit, they can choose to take the AP exam. The exams take place every year in May. Exam scores and higher education institutions determine if college credit can be awarded to students.



AP Courses currently offered at Loyal include:

AP Chemistry
AP Physics
AP Biology

START COLLEGE NOW

Subchapter 38.12 Wisconsin Administrative Code requires school districts to provide information regarding the Start College Now Program. The Start College Now Program allows all public high school juniors and seniors who meet certain requirements to take post-secondary courses at a Wisconsin technical college or institution of higher education. An institution of higher education (IHE) includes UW System institutions, tribally controlled colleges and private, nonprofit institutions. For more information see: <https://dpi.wi.gov/dual-enrollment/start-college-now>. The deadlines to apply for Start College Now courses are October 1 for Trimester 1 of the current school year and March 1 for Trimester 1 and Trimester 2 of the following year. These dates are set to assure enrollment in the college courses as they follow a semester schedule.

DISTANCE LEARNING

Loyal High School offers distance learning options for students. We have three distance learning labs available to students, as well as laptop options. This will allow students to select courses that would otherwise not be available. Students will interact with teachers and classmates in real time via audio and video technology. Courses will be available depending on student request and accessible time slots. To see distance learning options, see the CWETN Course Descriptions on our Course Description Books page here: <https://www.sdofloyal.wi.schools.bz/olc/32/page/148>

RECOMMENDED COURSES FOR TECHNICAL OR UNIVERSITY ADMISSION

TECHNICAL COLLEGE ADMISSION

Technical college programs have admission standards and placement testing. Some programs have waiting lists. Apply early and seek your counselor's advice regarding your chosen program. Technical college preparation should include a comprehensive high school curriculum to ensure success. The following are recommended high school courses/credits for adequate preparation for technical college programs.

Technical College Recommended Preparatory Course Work

<u>Subject</u>	<u>Credits</u>
English	4 (emphasis in work-related writing skills)
Math	4 (especially in the senior year)
Science	3
Social Studies	3
Technical Courses	3-4

Examples: Business, FACE, Computers, Technology, Agriculture, Health and Financial.

For specific information regarding entrance requirements, please see your high school counselor. Applications and additional information is available in the Counseling Center. You can find more information here: <https://www.wistechcolleges.org/> or at individual college websites.

UNIVERSITY ADMISSION

College programs have admission standards including grade point average, class rank, and ACT or SAT scores (UW-Madison and Marquette require the writing portion of the ACT) and curriculum taken in high school. Apply early and seek your counselor's advice regarding your chosen program. College preparation should include a comprehensive, high school/college prep curriculum to ensure success. The following are recommended high school courses/credits for adequate preparation for college programs. You can find more information here: <https://uwhelp.wisconsin.edu/> or at individual college websites.

College Recommended Preparatory Course Work

<u>Subject</u>	<u>Credits</u>
English	4 (emphasis in literature and composition/writing)
Math	4 (Algebra through College Algebra with Applications)
Science	3+
Social Studies	3+
Foreign Language	2*
College Prep Electives	4+ (Elective credits can be chosen from additional English, Math, Science, Social Studies, Foreign Language, Fine Arts, and Computer Applications)

*UW-Madison requires 2 credits in a single Foreign Language for admission. It is also strongly recommended at other UW system campuses.

Check the Guidance web pages for more detailed information about Education, Financial Aid, Testing, and Class information. <https://www.sdofloyal.wi.schools.bz/olc/teacher.aspx?s=32>

AGRICULTURE

Animal Science (9-12) ½ Credit: 1 Trimester

Can fulfill ½ credit Science toward graduation requirements

This course is for students interested in learning more about animals and the animal science industry. Large animals will be the primary focus of this course with emphasis being placed on beef, sheep, pigs, dairy, goats, poultry, and horses. Animal nutrition, health, behavior, reproduction and breeding, anatomy, facilities, handling and grooming will all be covered. This course will count toward ½ Science credit for graduation requirements. However, this course may not fulfill the science requirements for entering a 4-year university.

Small Animal Vet Science (9-12) ½ Credit: 1 Trimester

Students that would like to learn more about pets and small animals should take this course. Animals such as dogs, cats, gerbils, ferrets and guinea pigs are examples of pets that students will be taught how to care for. Caring for and understanding animal processes will be one focus of this course. The other primary focus will be vet science related topics such as proper restraint, giving physical exams, emergency response, and nutrition.

Equine Science (9-12) ½ Credit: 1 Trimester

Offered in school years beginning with odd years (2021, 2023, 2025 . . .)

Are you a horse enthusiast? This is the class for you! You do not need to have any prior horse experience to be in this class! This course is designed to give students the knowledge to care for, own, or go into a profession with horses. Topics covered include everything from nutrition to equestrian sports! Be prepared to gain knowledge in these areas: tack, anatomy, reproduction breeds, judging, horsemanship, facilities, handling, and much more!

DC Intro to Animal/Dairy Science (11-12) ½ Credit: 1 Trimester

MAY EARN 3 TECHNICAL COLLEGE DUAL CREDITS

Introduction to the basics of livestock management will be discussed. This course includes management, nutrition, and breeding practices in a dairy operation through classroom and practical experience. Student will explore management of the dairy herd with concentration of breed identification, reproduction, genetics, selection, calving management, and record keeping systems. This course is designed for students interested in a career involving animals both large and small.



DC Orientation to Agronomy (11-12) ½ Credit: 1 Trimester

Offered in school years beginning with even years (2022, 2024, 2026 . . .)

MAY EARN 1 TECHNICAL COLLEGE DUAL CREDIT

This dual credit NTC course will focus on crops and soils. Students should expect to learn about major crops grown in the Midwest and the environmental factors that affect them. Equipment, production, management strategies, diseases, and insects will also be covered.



Horticulture (9-12) ½ Credit: 1 Trimester (offered in Tri 3 only)

Can fulfill ½ credit Science toward graduation requirements

Floral arrangement and greenhouse management are just a few of the many topics that will be explored in horticulture. This one semester course involves learning about many aspects of the plant industry including: plant anatomy, soil/medias, hydroponics, greenhouse production, pests, and weed control. Time will be provided for developing lifelong skills in the area of plant growth and maintenance. If you do not mind getting a bit dirty from time to time, and you enjoy plants, this course is for you! This course will count toward ½ Science credit for graduation requirements. However, this course may not fulfill the science requirements for entering a 4-year university.

Plant and Landscape Design (9-12) ½ Credit: 1 Trimester (offered in Tri 1 or 3 only—1 preferred)

Do you enjoy being outdoors? If so, this course is just for you. This course is designed to enhance your ability to landscape homes and care for gardens. The first half of this class will concentrate on the design process, drafting, plant ID, establishment, and maintenance of landscapes. Students will use Realtime Landscaping software to create realistic designs on the computer. The second half of the semester is spent outdoors applying landscape techniques by doing actual landscapes in the town of Loyal.

Natural Resources (9-12) ½ Credit: 1 Trimester

Students who enjoy nature and outdoor recreation should enroll in this course. Wildlife, fish, forestry, hunting, fishing, and other natural resources will be the focus of this course. Conservation of our natural resources is important to maintain the agriculture industry. Tree identification, taxidermy and timber cruising are a few of the activities that students will participate in throughout the semester. This class is very hands on and students will be expected to complete projects related to natural resources throughout the course.

ART

Art and Design (9-12) $\frac{1}{2}$ Credit: 1 Trimester

Use your creative and critical thinking skills to design various projects from many different types of media. Whether you are a landscaper, interior decorator, web page designer, architect, craftsmen, or fine artist, this class will help you improve your designs by showing you how to incorporate the basic design principles of balance, contrast, pattern, rhythm, movement, emphasis and unity into your work. Projects may include computer-generated designs, 3 dimensional models and sculptures, scale drawings, mixed media collages, and painted objects. **Appropriate for any grade or experience level.**

Drawing (9-12) $\frac{1}{2}$ Credit: 1 Trimester

In Drawing students explore various drawing methods including contour drawing, value shading, perspective techniques, and high contrast compositions on a variety of papers. Mediums used will include pencil, colored pencil, chalk pastels, oil pastels, charcoal, pen and ink, and/or linoleum block printing.

Painting 1 (9-12) $\frac{1}{2}$ Credit: 1 Trimester

Pre: Drawing

Students will learn about color theory basics. Both modern and traditional painting compositions and techniques will be explored. Media will include watercolor, tempera cake paint, acrylic paint, canvas board, canvas and paper painting.

Painting 2 (9-12) $\frac{1}{2}$ Credit: 1 Trimester

Pre: Drawing and Painting I

Students in Painting II will review color theory. They will explore various styles of painting through art history examples and through experimentation. Students will work on more complex painting themes. Media used will include acrylic, watercolor and mixed media; painted on a variety of surfaces to include stretched canvas and watercolor paper. Students may specify their preferred paint medium.

3D Design (9-12) $\frac{1}{2}$ Credit: 1 Trimester

3D design is a type of art that has height, width and depth, and having these features creates form. In 3D Design, students will use, but are not limited to, slab, pinch, and coil methods to create various ceramic pottery and sculptural pieces. Along with ceramic sculpture, students will also use a variety of other materials to create sculpture and form such as paper, cardboard, wire, everyday objects, etc. Students will learn techniques of construction, craftsmanship, decoration, glazing and firing.

Independent Advanced Art (10-12) $\frac{1}{2}$ Credit: 1 Trimester

Pre: Instructor Approval Only

Advanced students will need to have already taken all courses in the art area in which they wish to work (Example: have taken all painting classes and wishes to continue painting.) Students will be required to keep a sketchbook or journal to record ideas for art projects. They will be expected to work on more complex original ideas, with an intention to work toward creating their own artistic style. Students will be guided and supervised by the art instructor, but must be able and willing to work independently, as they will be scheduled in with other art classes.

Digital Photography (9-12) $\frac{1}{2}$ Credit: 1 Trimester (offered in Tri 1 only)

In this course students will use their digital camera and Photoshop image editing software to create works of art. Students will learn techniques to improve composition, understand their camera and its settings, learn about pixels, image size, quality, resolution, and file formats. Students will store and transfers photos and use image-editing tools (Photoshop) to enhance and add special effects to photos. Projects will include portraits of animals and children, landscapes, photographing movement, night or low light photography, shooting a panorama, and close up or macro photography. **Students must provide their own digital cameras for this class.**

BUSINESS and INFORMATION TECHNOLOGY EDUCATION

Computer Applications I (9-12) $\frac{1}{2}$ Credit: 1 Trimester

Computer knowledge is essential to succeed in today's technologically driven world. Students will learn how to format and create documents using Word, enter formulas and functions using Excel, create a webpage using HTML code, and discover Access. Students will complete documents and projects to demonstrate their skills and knowledge.

eTECHNOLOGIES (9-12) $\frac{1}{2}$ Credit: 1 Trimester

Pre: Computer Applications I

Explore the digital side of life! eTechnology will prepare students to discover and develop personal and professional skills and materials through the exploration of Web 2.0 technologies such as Social Media, video and presentation-making skills, web-based web development, photo-editing, presentations, and simple computer programming. This course is designed to be an introductory course for Web Page Design and other technology-based courses. Career options in information technology (IT) will also be reviewed.

Web Page Design (10-12) ½ Credit: 1 Trimester

Pre: Computer Applications I

This class combines artistic skills and knowledge with learning how to use the Adobe Design Suite. Students will learn how to create a sophisticated professional website Dreamweaver and develop animation videos with Flash. By the end of the semester, students will create their own website. This is an excellent class for students that are interested in careers within graphic design or marketing.

Yearbook (9-12) ½ Credit: 1 Trimester

Students will develop skills and knowledge in design principles, photography, copy writing, yearbook theme development, sales and advertising. Students will be assigned spreads within the yearbook to create and work as a team to proof and edit pages. This class is great for students interested in photography, graphic design, and journalism.

DC Introduction to Business (11-12) ½ Credit: 1 Trimester

MAY EARN 3 TECHNICAL COLLEGE DUAL CREDITS (10-102-124)

Introduces students to the evolution of business and entrepreneurship. Students analyze global, ethical and legal environments of business, explore the human side of business and examine the functional approach to information technology, marketing, human resource management, operations management and finance.



Marketing Principles (11-12) ½ Credit: 1 Trimester

MAY EARN 3 TECHNICAL COLLEGE DUAL CREDITS (10-104-172)

Introduces an understanding of basic marketing fundamentals. The student will explore consumer demographics, lifestyles and decision making; evaluate product distribution; promotions and price planning. The student will create a Strategic Marketing Plan combining the components listed and develop a presentation.



DC Accounting (11-12) 1 Credit: 2 Trimesters

MAY EARN 3 TECHNICAL COLLEGE DUAL CREDITS (10-101-111)

Course curriculum is designed to provide students a strong foundation in accounting principles. Students will learn what business transactions are and how accountants use a double-entry system (debits and credits) to keep track of these transactions. Next students will study the complete accounting cycle of recording transactions, preparing financial statements, and “closing the books” for small, single-owner service and merchandising businesses. This course prepares students for post-secondary accounting courses and is important for a wide array of careers.



Future Teacher Preparation (11-12) ½ Credit: 1 Trimester

Interested in becoming a teacher? If so, this is the course for you! Students will have the opportunity to work with teacher(s) in various classroom settings to investigate career options in the Education and Training Career Cluster. Students will be able to experience the classroom setting by working in a classroom three days a week for a semester. The other two days will be for students to learn about best teaching practices, reflect on classroom experiences, attend seminars on tutoring, applying to the university, collaborating with other future teachers, learning about professional organizations, and professional learning communities, interacting with students, collaborating with mentor teacher(s), and meeting program learning targets.

Leadership 1 (9-12) ½ credit: 1 Trimester

In this course, you explore possibilities, meet new challenges, and seek to strengthen your leadership skills in all aspects of your school experience and beyond. This interactive course focuses on two themes, personal development as a leader and creating a positive change in our school and our community. Each week, students are given an opportunity to work on their leadership skills through hands-on group activities in which you will gain valuable, real-life experiences.

DRIVER EDUCATION

Driver Education (9-10) Summer Course: No Credit

This class covers all fundamental skills of defensive driving. The clock hours consist of at least: thirty hours of classroom instruction, six hours of behind-the-wheel, six hours of observation training, and thirty hours of documented behind-the-wheel with a parent. The students will also be exposed to some preventative maintenance lab work. The students must be 15 ½ years old by September 1 to be enrolled in behind-the-wheel. Behind-the-wheel instruction will be completed during the school year.

ENGLISH

At least ½ credit of English is required in the senior year.

English 9 (9)

1 Credit: 2 Trimesters

English 9 focuses on skills that students will build upon and use throughout their four years of high school. Elements include literature terminology, essay writing, literary and media analysis, and presentation and discussion skills. The units consist of short stories, research, the novel *To Kill a Mockingbird*, and the drama *Romeo and Juliet*. Integrated in this course are grammar, poetry, creative writing, author analysis, and vocabulary study.

English 10 (10)

1 Credit: 2 Trimesters

English 10 integrates pre-requisite skills learned in English 9 with higher-level thinking, analysis, and discussion. Students will utilize these skills to analyze multiple forms of written language, including novels, Shakespearean dramas and sonnets, informational texts and non-fiction, as well as to generate cover letters and resumes for future occupational use. Studies of grammar, literary terminology, vocabulary, short stories, poetry, and creative writing will be explored. Students will also learn research skills to prepare for formal essay writing and speech.

College-Prep English (11-12)

1 Credit: 2 Trimesters

Students will engage in high level ELA studies tailored specifically to prepare them for a reading/writing intensive college level course. Students will complete weekly writing and reading assignments to build skills and prepare for a college workload/pace. Students will also write larger papers utilizing peer reviewed academic research, and appropriate persuasive and informative techniques. **Students who wish to enroll in technical college or university English courses in grade 12 must successfully complete College-Prep English in grade 11.**

Creative Writing (11-12)

½ Credit: 1 Trimester

Students will explore various forms of the written word to analyze and evaluate their styles, purposes, and techniques including dramatic monologues, poetry, letters, personal narratives, diary entries, informational texts, news articles, reviews, and editorials. Students will then use this knowledge to create their own examples of these types of writing, among others.

Speech (11-12)

½ Credit: 1 Trimester

Students will learn effective oral communication for a variety of purposes and audiences. Both informal and formal speaking techniques will be explored through narrative, informative, and persuasive practices. Students will also analyze and evaluate notable examples of effective speaking styles and orations.

Drama (11-12)

½ Credit: 1 Trimester

Students will engage in ELA practices by focusing on the elements surrounding the stage. These elements will be approached from both the perspectives of a consumer of drama and as a creator. From acting, to criticism, to technical design, the theater will be explored in its entirety, as will required ELA skills. Students will engage in class discussion/activities, create projects, and complete reading and writing assignments to develop these skills.

Real-World English (11-12)

½ Credit: 1 Trimester

“Real World English,” helps students prepare for the reading, writing, and communication skills needed for everyday life, whether they seek higher education or not. Students will read and write frequent pieces that help hone their conceptions of what will be expected of them post high school, and what they will need to do to succeed. Throughout the course students will accumulate useful skills and documents that will give them a head start on applying for jobs/higher education. This will include job applications, resumes, cover letters, personal essays, how to make a professional call/email, using job related resources, appropriate social media use, and much more.

Novels (11-12)

½ Credit: 1 Trimester

Students will engage in ELA practices by engaging in literature using a more authentic reading model: The Whole Novel Approach. Novels will be selected on student interest, rigor, and availability. This course will rely heavily on class discussions, and larger comprehensive writing assignments/projects. A focus will be placed on using literary comprehension to develop critical thinking, analysis, and problem-solving skills.

College-Level English (12)**1 Credit**

Upon successful complete of College-Prep English in the junior year, Loyal seniors may pursue enrollment in English courses provided by higher-educational intuitions to fulfill their senior English requirement. Course options can be found in the CWETN Course Description handbook and must be approved by the Loyal High School English Department and School Counselor. Loyal students will likely need to complete TWO English courses from higher-educational institutions to fulfill their senior English requirement. Sample higher-education English offerings include:

English Composition (WI Technical Colleges)

Oral/Interpersonal Communication (WI Technical Colleges)

Written Communications (WI Technical Colleges)

English 101 (UW System)

English 202 (UW System)

FAMILY & CONSUMER SCIENCE**Foods 1 (9-12)****½ Credit: 1 Trimester**

Foods 1 is a class that explores the meaning of food. We will look at food habits, food attitudes, food and the media and how we make food choices. This is a class that will discuss how your role in the family and in society influences the food you eat. Other topics we will be covering include reading food labels, making healthy food choices and the history of food. This is a hands-on course that will combine class work with labs to explore the concept of food.

Foods 2 (9-12)**½ Credit: 1 Trimester****Pre: Foods 1**

This class is designed to take cooking to the next level. Students will plan and prepare various meals using advanced cooking techniques. Students will investigate cooking ideas, concepts, and career opportunities within the food industry. Students will learn cooking preparation and techniques of the following foods: breads, cakes, fish, beef, poultry, seafood, and pork.

Foreign Foods (9-12)**½ Credit: 1 Trimester****Pre: Foods 1**

This class is designed to help students understand how food affects people all around the world. We will study foods from across the globe and identify the social, cultural, and nutritional needs of their native people. Students will have the opportunity to taste foods from different countries. This class will allow for creative labs, exciting projects and innovative ideas. Get ready to travel the globe and experience the excitement of Foreign Foods.

DC Advanced Foods (11-12)**½ Credit: 1 Trimester****Pre: Two other Foods Courses**

This Food Service class will provide students with instruction regarding nutrition, principles of healthy eating, and the preparation of food. Among the topics covered are large-scale meal preparation, preserving nutrients throughout the food preparation process, use and care of commercial cooking equipment, food storage, advances in food technology, safety, sanitation, management, production, service skills, menu planning, the operation of institutional food establishments and the careers available in the food service industry.

**Baking and Pastry Arts (11-12)****½ Credit: 1 Trimester****Pre: Foods 1 and Foods 2**

This course will allow students to learn baking and pastry techniques with an emphasis on sanitation and food safety; basic baking fundamentals, tools used in the baking industry; and proper measurement of ingredients. Students will demonstrate skills in preparing various types of pies, tarts, cookies, cakes and breads. You will be evaluating career options offered in the baking industry. Other opportunities may include field trips and school-based enterprises. FCCLA leadership opportunities and participation in STAR events are other skills which may be provided. The course is open to juniors and seniors who have completed both Foods 1 and Foods 2.

Marriage and Family Relations (10-12) ½ Credit: 1 Trimester**Offered in school years beginning with odd years (2021, 2023, 2025 . . .)**

This class is designed to help students build, maintain and improve relationships with their family, parents, friends and co-workers. Family Relations guides students to think critically about and deal with life situations such as maintaining a positive self-image, strengthening family relationships, dating, marriage, and managing one's life with insight. Other topics include planning your marriage, money management, and crisis such as divorce, drug/alcoholism, aging and death. Emphasis is placed on discussions and the sharing of ideas through cooperative learning activities.

Child Development (10-12) ½ Credit: 1 Trimester

Offered in school years beginning with even years (2022, 2024, 2026 . . .)

This is a hands-on class that allows students to explore the world of parenting. Students will have an opportunity to learn about the family and develop the knowledge, attitudes and skills needed to become a responsible parent, family member and citizen. Students may experience simulated parenting situations through our “Baby Think It Over.”

Adulting 101 (12) ½ Credit: 1 Trimester

This is a class is designed to help students gain the skills to successfully live on their own. Students will have the opportunity to explore various “real-life” situations such as: finding a job, purchasing a car, renting an apartment, purchasing a home, filing taxes, banking, paying bills, nutrition, health and fitness, and many more important life-skills. This class will allow for creativity and the chance to participate in a variety of labs and a short sewing project.

Housing and Interior Design (9-12) ½ Credit: 1 Trimester

Offered in school years beginning with odd years (2021, 2023, 2025 . . .)

This course is designed to introduce students to the world of design. In this course we will study housing needs, family life cycles, family stages, floor plans, basic construction, elements of design, principals of design, the color wheel, how to work with clients and much, much more. If you are ready to jump into design, then this course is for you!

Fashion and Crafts (9-12) ½ Credit: 1 Trimester

This hands-on class is designed to allow students the opportunity to explore the world of fashion and crafts. Students will investigate the fashion industry and the evolution of clothing during the first quarter of the class. The second half of the class will be spent expressing creativity while learning different crafts. Students will have the opportunity to design a class “craft” and market it to the public. This class is sure to please anyone who loves to sew and express their creativity!

MATHEMATICS

Algebra Basics (9) ½ Credit: 1 Trimester

Algebra Basics can be taken during Trimester 1 to increase students' foundational math skills and to prepare them for Algebra I (which can be taken during Trimesters 2 and 3) Topics such as properties of rational numbers (i.e., number theory), ratio, proportion, estimation, exponents and radicals, the rectangular coordinate system, sets and logic, formulas, and solving first-degree equations and inequalities will be covered.

Algebra I (9) 1 Credit: 2 Trimesters

Algebra I includes the study of properties and operations of the real number system; evaluating rational algebraic expressions; solving and graphing first degree equations and inequalities; translating word problems into equations; operations with and factoring of polynomials; and solving simple quadratic equations.

Geometry (10) 1 Credit: 2 Trimesters

Pre: Algebra I

This course emphasizes an abstract, formal approach to the study of geometry, include topics such as properties of plane and solid figures; deductive methods of reasoning and use of logic; geometry as an axiomatic system including the study of postulates, theorems, and formal proofs; concepts of congruence, similarity, parallelism, perpendicularity, and proportion; and rules of angle measurement in triangles.

DC Intermediate Algebra with Apps (11-12) 1 Credit: 2 Trimesters

Pre: Algebra I and Geometry

MAY EARN 4 TECHNICAL COLLEGE DUAL CREDITS (10-804-118)

MAY TRANSFER TO UW SYSTEM SCHOOLS

Topics in Intermediate Algebra typically include field properties and theorems; set theory; operations with rational and irrational expressions; factoring of rational expressions; in-depth study of linear equations and inequalities; quadratic equations; solving systems of linear and quadratic equations; graphing of constant, linear, and quadratic equations; properties of higher degree equations; and operations with rational and irrational exponents.



DC College Algebra with Applications (11-12) 1 Credit: 2 Trimesters

Pre: Intermediate Algebra with Applications

MAY EARN 3 TECHNICAL COLLEGE DUAL CREDITS (10-804-195)

MAY TRANSFER TO UW SYSTEM SCHOOLS



This course combines the study of Trigonometry, Elementary Functions, Analytic Geometry, and Math Analysis topics as preparation for Pre-Calculus. Topics typically include the study of complex numbers; polynomial, logarithmic, exponential, rational, right trigonometric, and circular functions, and their relations, inverses and graphs; trigonometric identities and equations; solutions of right and oblique triangles; vectors; the polar coordinate system; conic sections; Boolean algebra and symbolic logic; mathematical induction; matrix algebra; sequences and series; and limits and continuity.

Pre-Calculus (12)

1 Credit: 2 Trimesters

Pre: College Algebra with Applications

MAY EARN 4 TECHNICAL COLLEGE DUAL CREDITS (10-804-196)

MAY TRANSFER TO ANY UW SYSTEM SCHOOL



Pre-Calculus combines the study of Trigonometry, Elementary Functions, Analytic Geometry, and Math Analysis topics as preparation for calculus. Topics typically include the study of complex numbers; polynomial, logarithmic, exponential, rational, right trigonometric, and circular functions, and their relations, inverses and graphs; trigonometric identities and equations; solutions of right and oblique triangles; vectors; the polar coordinate system; conic sections; Boolean algebra and symbolic logic; mathematical induction; matrix algebra; sequences and series; and limits and continuity.

Consumer Math (11-12)

½ Credit: 1 Trimester

Consumer Math reinforces general math topics (such as arithmetic using rational numbers, measurement, ratio and proportion, and basic statistics) and applying these skills to consumer problems and situations. Applications typically include budgeting, taxation, credit, banking services, insurance, buying and selling products and services, home and/or car ownership and rental, managing personal income, and investment.

MUSIC

Band (9-12)

½ Credit Per Trimester: Offered all 3 Trimesters

Prerequisite: Completion of 8th Grade Band or director permission

Students enrolling in band will study and perform a wide variety of music literature, ranging from the Renaissance and Baroque periods to Jazz and Modern styles. Students will study basic music theory concepts, historical context of the music and composers and will broaden their musical horizons. Opportunities for students to further their individual abilities include solo and ensemble festival and jazz band (based on student interest).

Requirements: Attendance is required at all scheduled concerts, festivals, pep bands and marching performances. A schedule of performances will be distributed to students in the first week of class. Students will also be required to complete a music lesson component that will meet outside of class time. When the student's class schedule is void of a study hall, the director will arrange a lesson time. Students are expected to be in band for the full year. Exceptions to this policy will be granted at the discretion of the band director.

Chorus (9-12)

½ Credit Per Trimester: Offered all 3 Trimesters

Pre: Previous Junior or Senior High Choir experience or audition

Choir is open to any student who likes music and enjoys singing. Each member is exposed to a broad variety of music from 15th and 16th century classical music to 20th century jazz. Students will discuss historical content of the music and their composers as well as studying the theory of music. **Requirements:** Attendance is required at all scheduled concerts and festivals in addition to a weekly private lesson with the instructor. When the student's class schedule is void of a study hall, the teacher will arrange a lesson time.

Opportunities for students to further their individual abilities include solo/ensemble festival, vocal jazz, and madrigal and show choir based on student interest. **Requirements:** Attendance at all performances, weekly small group/individual practice instruction periods, and rehearsals. When a student's schedule is void of study halls, the practice instruction period will be scheduled during Activity Period. Absence from any performance, which is a major unit test grade, must be made up through writing a paper on an aspect of music chosen with the instructor's approval.

Cool Music (9-12)

½ Credit: 1 Trimester

This course provides students with an understanding of music and its importance in their lives. Course content focuses on how various styles of music apply musical elements to create an expressive or aesthetic impact. This course allows students to explore different musical instruments and to get experience with music notation software.

Chamber Singers (9-12)**¼ Credit: Independent Study****Pre: Enrolled in Senior High Choir, entrance by audition only (16 student limit)**

Chamber Singers is an audition-selected performing group, with a limit of 16 students. This group will concentrate on acapella music. Music styles will cover a broad range from early music to 21st century. Members must be enrolled in the Senior High Chorus and be selected through an auditions process determined by the director. Rehearsals will occur outside of the scheduled school day.

Requirements: Attendance is required at all school concerts and festivals in addition to a weekly scheduled lesson with the instructor. Absence from any performance, which is a major unit test grade, must be made up through the writing of a paper on an aspect of music chosen with the instructor's approval.

TV Production Class (9-12)**½ Credit per Trimester**

Students will be introduced to several aspects of television production, including instruction in Wirecast AV Programming, and Roxio DVD software creation and video editing. Instruction in camera and technical production are part of instruction. Students will also be assigned duties for game and event broadcasting and play-by-play. Students will develop and produce a news broadcast on a weekly then daily schedule.

PERSONAL FINANCE**Personal Finance (11-12)****½ Credit: 1 Trimester**

Studies show that 56% of U.S. adults admit that they do not have a budget, and 33% of Americans do not pay all of their bills on time (Ramsey Solutions). This semester course is designed to expand on vital financial concepts related to budgeting, saving, investing, retirement, banking, credit, debit, debt, taxes, consumer protection and insurance. The goal of this course is to give students the needed information to make sound financial decisions for life. Additionally, students will have the opportunity to learn more about their career path through a job shadow and practice their job campaign skills through a mock interview.

12th Grade Investing (12)**½ Credit: 1 Trimester**

What would you do if you were given \$100,000? Would you spend it all at once? Would you think about putting some of it in the bank? Would you invest it, so the money might grow? Through this course, students will gain a fundamental understanding of investing and how they might get their money to work for them through The Stock Market Game (SMG), as well as gaining insight from The Motley Fool where it all started for Eldon Hill. Eldon's investment success and generosity is the reason why the Financial Literacy program exists today.

Entrepreneurship:**Build Your Own Business (10-12)****½ Credit: 1 Trimester**

Students will learn the basics of economics, marketing and business management all while boosting their entrepreneurial skills. This hands-on class will provide students with the necessary tools to start their very own small business! Shark Tank investor, Robert Herjavec, believes in charting your own path, and now is the time for you to dream big and become a teen entrepreneur!

PHYSICAL EDUCATION

Students will be held responsible for following all classroom and safety rules. Any individual misusing equipment will be held responsible for any damage.

Physical Education 9 (9)**½ Credit: 1 Trimester**

Physical Education 9 provide students with knowledge, experience, and an opportunity to develop skills in more than one of the following sports or activities: team sports, individual/dual sports, recreational sports, and fitness/conditioning activities.

Health (9)**½ Credit: 1 Trimester**

This course is designed to help the students develop the total self in promoting good health practices. Topics covered in Health Education include skills for healthy relationships; responsible decision making and goal setting; mental/emotional health, stress management, coping with loss; tobacco, alcohol and other drugs; first aid/CPR; nutrition; physical activity and fitness; and reproductive health.

Advanced Health (11-12)**½ Credit: 1 Trimester**

Advanced Health is a ½ credit elective course. The topics covered are substance use and abuse, mental health, self-concept, understanding emotions and stress management, death and dying, physical fitness, nutrition, and environmental health. Emphasis will be placed on learning how and why the body moves. Upon completion of the class, you can be certified in infant, child, and adult CPR and breathing emergencies; infant, child and adult AED; and 1st aid basics. **Students who want to become certified will be responsible for a \$6.00 fee through the American Heart Association.**

Strength and Fitness (9-12) ½ Credit: 1 Trimester

The Strength and Fitness course is designed to help students implement a specific training regimen into their daily routines. Students will be following a designed exercise/fitness program which will help them enhance their level of health and physical fitness. Students will be focusing on the five components of health-related physical fitness in order to achieve their performance goals and reach their optimal fitness level.

Adventure Fitness (11-12) ½ Credit: 1 Trimester

Adventure Fitness is a collection of non-traditional activities which students can experience to gain a knowledgebase of activities outside of the school environment. Some of these activities are (not limited too) team challenges, wall climbing, kayaking, XC skiing/snow shoeing, and high ropes course. Students are challenged daily to meet high expectations regarding engagement, cooperation, safety, and operational protocols. Students will develop a personal understanding of contributing to their personal success working together as a group. **Students are responsible for activity fees.**

Lifetime Fitness (10-12) ½ Credit: 1 Trimester

The PE/Fitness program provides a variety of movement experiences to help all students develop the skills, knowledge, and attitudes necessary to function effectively in society. This class will reinforce the five components of physical fitness as well as encourage a health enhancing lifestyle through active participation. Activities will range from non-traditional team sports, individual sports, dance, and fitness activities. The course goal is to expose students to activities that are intriguing and ones they will continue long after high school.

Team Sports (10-12) ½ Credit: 1 Trimester

This course will consist of a collection of team-related sports that allow students to develop, enhance, and continue their knowledge of the popularized sports throughout our world today. Sports to be played will consist of team related activities which include, Ultimate Frisbee, volleyball, basketball, speedball, Flashball, and many other traditional team sports. Students will not only participate in team sports but have the opportunity to enhance their levels of physical fitness, co-educational cohesiveness, and teamwork skills.

Individual/Dual Sports (10-12) ½ Credit: 1 Trimester

This course will consist of a collection of activities and games that are designed for individual or small group participation. The activities will be tailored to help the individual create a sense of uniqueness where students must rely only on themselves to complete the task at hand. Students will participate in a mixture of traditional and non-traditional sports to help provide a variety of settings in order to keep a student at a level of competition while working on their own.

Rhythmic Fundamentals (Dance) (10-12) ½ Credit: 1 Trimester

This course will provide students with a wide variety of movement-based practices in order to help them become proficient in their rhythmic body movements. Students will be practicing these movements by practicing many forms of dances throughout the duration of the course. The dances students will learn are (but not limited to) the Polka (State Dance), square dancing, Hip-Hop, and Jazz. Students will also have to learn to choreograph their own dance with a group and collaborate that dance with a song of their choosing. The course focuses on other areas of fitness, flexibility, body awareness, and movement awareness that are rarely tested at the adolescent age.

SCIENCE

Integrated Science (9) 1 Credit: 2 Trimesters

Integrated science is a general science course that covers foundational topics related to physical, life, and earth science. Topics covered will include the states of matter, astronomy, nuclear energy, optics, and the scientific process. This course will teach students how to interpret scientific information to facilitate their ability to be informed consumers in the modern world. The labs in this course will be centered around the ability to make predictions and identify correlations through data collection.

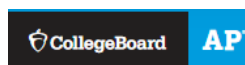
Biology (9-10) 1 Credit: 2 Trimesters

Biology is the study of living organisms. Topics include Characteristics of Living Organisms, Cells and their processes, Genetics, Evolution, Invertebrate Animals and Vertebrate Animals. A variety of teaching techniques will be utilized, including lecture, demonstration, reading activities, note taking, class discussion and lab experience.

AP Biology (11-12) 1 Credit: 2 Trimesters**Pre: Biology and General Chemistry**

Offered in school years beginning with odd years (2021, 2023, 2025 . . .)

MAY EARN COLLEGE CREDIT BASED ON AP TEST SCORE.



AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigation as they explore topics like evolution, energetics, information storage and transfer, and systems interactions.

DC Body Structure, and Function (11-12) 1 Credit: 2 Trimesters**Pre: Biology****Offered in school years beginning with even years (2022, 2024, 2026 . . .)****MAY EARN 3 TECHNICAL COLLEGE DUAL CREDITS, MAY TRANSFER TO UW SYSTEM SCHOOLS (10-806-110)**

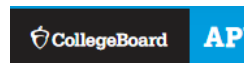
This course is designed for juniors and seniors to get an overview of the fields of Human Anatomy and Physiology. It is intended as a pre-college course and recommended for students interested in health careers. Topics include Terminology, Cells, Tissues, Integumentary System, Skeletal System, Muscular System, Nervous System, Senses, Endocrine System, Digestive System, Respiratory System, Cardiovascular System, and Reproductive System. A variety of teaching techniques will be utilized, including lecture, demonstration, reading activities, note taking, class discussion and lab experience.

General Chemistry (10-12) 1 Credit: 2 Trimesters

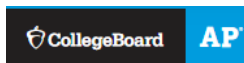
Chemistry is the study of the structure and composition of matter that makes up living things and their environment. Semester 1 will cover the foundations of chemistry, including atomic structure, bonding, chemical reactions, and stoichiometry. Semester 2 will cover states of matter and acid/base chemistry along with a heavier lab focus where we will create soap, chemical dyes, and distill aromatic compounds. If you are interested in a college degree, chemistry is a must on your transcript.

Independent Organic Chemistry (11-12) ½ Credit: 1 Trimester**Pre: General Chemistry**

Organic chemistry is the study of the structure, properties, and reactions of carbon-based compounds. This includes hydrocarbon fuels, plastics, foods, and medicines. This course is designed as an independent study, and functions as an introduction to the college version of organic chemistry, which is required for the medical or chemical fields. Topics of study will include naming organic compounds, studying the properties of organic substances, and advanced lab techniques. This course will include diverse laboratory experience.

AP Chemistry (11-12) 1 Credit: 2 Trimesters**Pre: Chemistry I, a good math background****MAY EARN COLLEGE CREDIT BASED ON AP TEST SCORE.**

Chemistry II will cover more advanced topics for students considering a career in a STEM field. Semester 1 will focus on a review of Chemistry I, with the addition of equilibrium, and advanced acids and bases. Semester 2 will cover kinetics, thermodynamics, and electrochemistry. More advanced labs will be performed in this course.

AP Physics (11-12) 1 Credit: 2 Trimesters**Pre: Senior or Teacher Recommendation - Good Math Background****MAY EARN COLLEGE CREDIT BASED ON AP TEST SCORE.**

Physics is the study of matter, energy, and the interaction between them. Physics allows us to examine the world and acts as the foundation to almost every engineering field. This class will focus on problem solving and modeling, allowing us to build and use equations to study and make predictions about the world around us. Semester 1 will cover mechanics, including the study of motion, forces, and momentum. Semester 2 will examine oscillation, waveforms, and electricity. The math skills required include algebra (can you rearrange an equation?), quadratics (can you use quad form on a calculator?), and basic trigonometry (can you use the sine, cosine, and tangent functions on a calculator?).

SOCIAL STUDIES**American History I (9) 1 Credit: 2 Trimesters**

In American History I students will learn about The First Americans, the exploration of the Americas, colonization and independence for the American colonies until the end of the American Civil War. Major themes in American history that will be covered are early American economics, the pursuit of American independence, racism and slavery, Manifest Destiny, and the American Civil War.

American History II (10) ½ Credit: 1 Trimesters**Pre: American History I**

The first semester will concentrate on the years from 1865-1900. The first semester will cover the events and battles of the Civil War, the problems rebuilding the nation during reconstruction, the rise of industrialism, farm problems in the 1870's and the arrival of the reform. The second semester will concentrate on the years from 1900-1980's. The course will stress the United States becoming a world power, the "Golden Twenties", the New Deal and World War II, and the challenge of peace today.

Political Science (11-12) ½ Credit: 1 Trimester

Political Science will provide a basic understanding of the structure of our Federal government and its constitutional structure. We will understand each of our basic rights given to us in the Constitution through the Bill of Rights. We will outline the three branches of government, how they interrelate, and how we as citizens can influence the political process on the federal, state and local level. Special emphasis will be placed on the historical developments & current events leading to the establishment of the unique American democracy.

Global Studies (10-12) ½ Credit: 1 Trimester
(Formerly known as World History)

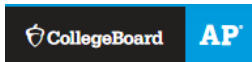
This course is designed to expand your understanding of the world we live in and the connection between people, place, ideas, and events throughout the world. We live in an incredibly complex and interconnected world. Understanding these connections will help students make sense of the issues they face moving forward in life. This course will be a combination of current events, world history, geography, and cultural analysis. Upon completion students will display knowledge and understanding of important issues facing each region of the globe and how these issues connect to their lives here in Central Wisconsin. Geographic areas covered will include but are not limited to Russia/Eastern Europe, East Asia, The Middle East, and India.

Holocaust, Genocide and Human Rights (10-12) ½ Credit: 1 Trimester

Examines the Nazi rise to power during the Weimar Republic, the consolidation of totalitarian rule, the transformation of racial ideology into policy, Hitler's foreign policy as prelude to war, World War II, and the Holocaust. Topics of study will include films portraying the Holocaust and misconceptions, Life in the Concentration Camps, and tie in current issues such as human trafficking and basic humans' rights should have across the globe. Other regional studies will be used in comparison to the holocaust, Cambodia Rwanda, Bosnia-Herzegovia, Syria and Sudan genocides.

Potential Future Course for 2022-23 School Year:

AP Psychology (11-12) 1 credit: 2 Trimesters



Explore the ideas, theories, and methods of the scientific study of behavior and mental processes. In other words, why do humans think and act the way that we do? You'll examine the concepts of psychology through reading and discussion and you'll analyze data from psychological research studies. Topics will include but not limited to, history/methods, Neuropsychology, Human Development, Motivation, Psychological Disorders, Personality, Social psychology, among other topics. Students will be eligible to take the AP exam in May and earn up to 3 college credits or higher.

SPANISH

Spanish I (9-12) 1 Credit: 2 Trimesters

Spanish I establishes a foundation in language skills, including conversational expression and comprehension, grammar, and literacy (reading comprehension and writing). Through various activities in class which include speaking and writing the language as well as comprehending the spoken and written word, students will develop skills and vocabulary to express needs, feelings, interests, foods and family. They will also learn to describe people and activities. Grading is based on participation, projects presentations, homework, and written and oral assessments. Since learning another language requires daily drill and repetition, students should expect to study and/or complete assignments DAILY.

Spanish II (10-12) 1 Credit: 2 Trimesters

Pre: Spanish I

Spanish II reviews and expands on the skills learned in Spanish I. Thematic units will teach vocabulary for shopping and restaurants, clothing, healthy lifestyle, daily activities, their home, and places they visit. All vocabulary is taught with the inclusion of the grammar necessary to speak correctly while developing fluency. Students will use the internet to reinforce skills outside of class as well as in the classroom. Students are recommended to bring the binder they began in Spanish I to build on vocabulary. Grading is based on participation, projects presentations, homework, and written and oral assessments.

Spanish III (11-12) 1 Credit: 2 Trimesters

Prerequisite(s): C or better in Spanish II or permission from Instructor

Spanish III will provide the student with advanced grammatical skills and continued development and comprehension of vocabulary. Spanish III will spend more time learning about the specific cultures of Spanish speaking countries within the context of learning advanced grammar and speech such as present, preterit and imperfect, present and past progressive, future and conditional tenses, and of course the subjunctive mood. This will enable students to speak in the present, past and future time periods, as well as, talking about their childhood and future plans and dreams. Students will need a binder with previous Spanish they've learned. Grading is based on participation, projects presentations, homework, and written and oral assessments.

Spanish IV (12) 1 Credit: 2 Trimesters

Prerequisite(s): Spanish III and the approval of the instructor

In Spanish IV students will develop the advanced grammatical skills and comprehension of vocabulary. Students will spend more time learning about situations where they can use Spanish within an occupation stateside or abroad. Students will review and use all verb tenses throughout the course and will prepare to take the college entrance exam so that they can earn retroactive credits in college for knowledge learned in high school. Students may earn 8 to 12 retroactive credits in the UW System and the University of Minnesota. Students will need a binder with previous Spanish they've learned. Grading is based on participation, projects presentations, homework, and written and oral assessments.

STUDENT ASSISTANTS

Teacher Assistant/Tutor (11-12) ¼ Credit per Trimester

Pre: Recommendation and approval from teacher

Teacher assistant/tutors will be available to assist the instructor. Further, the assistant/tutor may give individualized assistance to children, under the supervision of the instructor. Students interested in this opportunity must seek a position with a willing Loyal School District instructor.

TECHNOLOGY EDUCATION

Industrial Arts (9-12) ½ Credit: 1 Trimester

Do you enjoy making things out of wood or metal? Then this course is for you! This course is divided into the three areas of Technology that will allow students to survey the different pathways with hopes of pursuing one of them. You will develop skills in tools, safety, metal technology, construction, and small engine mechanics. You will do fun and creative projects in the various fields and provide a base for future Technology Education classes.

Small Engine Mechanics (9-12) ½ Credit: 1 Trimester

Are you interested in engines and how they work? This course is designed to introduce you to small engine parts identification and function. We will develop an understanding of the 4 Stroke Cycle as well as troubleshooting basic problems with a gas engine. You will disassemble, evaluate and reassemble 3 complete engines during the semester. You will be able to learn to take the frustrations out of starting an engine and turn it into a fun challenge.

*Students will work towards 5 Snap-On Industry Certifications.

Advanced Small Engine Mechanics (10-12) ½ Credit: 1 Trimester

Pre: Small Engine Mechanics

Would you like to start a small engine repair shop? This course will allow you to work on live customer equipment and maintain shop engines. You will learn the electrical system of small engines and troubleshoot common problems. You will also develop skills in the business aspect of a small engine repair shop such as ordering parts and managing inventory.

Automotive Mechanics (11-12) ½ Credit: 1 Trimester (Tri 1 only)

Pre: Small Engine Mechanics/Valid Driver's License

Are you one of those individuals that want to understand how to get the most out of your vehicle? This course will introduce you to the various systems of an automobile. We will cover safety and build upon the tools learned in prerequisite courses. We will cover the engine, brake, electrical, cooling, wheels & tires, exhaust, and lubricating systems.

*Students will work towards 5 Snap-On Industry Certifications.

Advanced Automotive Mechanics (11-12) ½ Credit: 1 Trimester (Tri 3 only)

Pre: Automotive Mechanics/Valid Driver's License

Would you like to pursue the automotive field as a career or hobby? This course builds on the knowledge and experiences gained in Automotive Mechanics. You will advance your skills by working on live vehicles and performing customer related operations.

*Students may continue to work on various Snap-On Industry Certifications.

CADD 1 ½ Credit: 1 Trimester

Computer Aided Drafting and Design (10-12)

Do you like to draw & design? This course will introduce you to AutoCAD and allow you to transfer drawings and images onto the Laser and Plasma CNC.

CADD 2 ½ Credit: 1 Trimester

Advanced Computer Aided Drafting and Design (10-12)

Pre: Computer Aided Drafting and Design

Did you enjoy AutoCAD? This course is designed to help you to continue the manufacturing process and allow students to produce items intended to sell. You will be able to make items for yourself and for potential clients.

Metals Process/Production (9-12) ½ Credit: 1 Trimester

Do you enjoy restoring metal objects? You will learn to restore, repair and, fabricate metal projects. You will also learn the painting process from preparation to finishing.

Welding (9-12) ½ Credit: 1 Trimester

Do you have access to welding equipment? This class will teach you the proper techniques on welding with different equipment. Oxy/Acetylene, Stick (Arc), & MIG welding are all covered. You will be allowed to fabricate personal projects as well.

DC Welding (11-12) $\frac{1}{2}$ Credit: 1 Trimester

Pre: Welding

MAY EARN 3-5 DUAL CREDITS

Do you want to pursue a career in welding? This course will help you get your welding certifications by taking care of credits from the NTC welding curriculum.



Carpentry (9-12) $\frac{1}{2}$ Credit: 1 Trimester

Do you like to build things out of wood? You will learn how to frame a wall, install a door and build a deck. The tools, materials and equipment used in this course will be the base for a Construction Pathway.

Advanced Carpentry (10-12) $\frac{1}{2}$ Credit: 1 Trimester

Pre: Carpentry

Do you want to pursue a Construction Career? This course will allow you to fabricate structure such as garden sheds and small buildings. You will be well on your Construction Pathway after taking this class.

Construction (11-12) $\frac{1}{2}$ Credit: 1 Trimester

Pre: Advanced Carpentry

Are you considering a career in Construction? This course will complete your courses on our Construction Pathway and help you to accomplish your goals. We will cover the building process from foundation to trim work and everything in between.

Manufacturing (10-12) $\frac{1}{2}$ Credit: 1 Trimester

Pre: Industrial Arts

Are you a person who enjoys designing and fabricating projects by hand? This course teaches you the processes of manufacturing items out of various materials such as metal, wood, plastic leather etc.

Car Care Seminar (10-12) $\frac{1}{2}$ Credit: 1 Trimester

Pre: Must have driver's license

Do you own a car? Will you own one someday? This course is a must for you! This course will help you learn the basic vehicle systems and its functions. You will learn how to maintain your vehicle inside and out to get the most out of it. This course is not geared to be like the regular Automotive classes, its designed to help you understand how to do simple maintenance to keep your vehicle running smoothly.

School to Career and Work-Based Learning Programs

Any student leaving school during the school day will need to be enrolled in **School to Career** or the **Youth Apprenticeship Program**. All Work-Based Learning Programs will require specific skills and will be tied into the student's coursework and career plans. Each student will be assigned a teacher/mentor who will work with the student and employer.

Other Program Rules

1. Seniors and juniors are eligible to participate.
2. Students may be released from school for up to one class period.
3. Students must maintain "C" grades or higher in all classes at all times. Students who are below a "C" average in one or more class will be removed from the program and will remain in school during their work release hours until all grades are improved to a satisfactory level.
4. Parents or guardians must assume full liability for the students while he/she is out of school during the normal school day.
5. Any student who is no longer employed, or who changes jobs, must report this change to the School-To-Career Coordinator immediately.
6. Students who are absent from school are not allowed to work during school hours on that day.
7. Interested students must see Loyal High School's School-to-Career Coordinator for more information.
8. Students working under the Youth Apprenticeship program may earn $\frac{1}{2}$ credit per semester. Students working under any other program may earn $\frac{1}{4}$ credit per semester.