

LOYAL HIGH SCHOOL
2023-2024 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.

Graduation credit requirements for the Class of 2025 forward are 27.5 credits. Additional requirements for these students are indicated in red below.

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).....	<u>1</u>
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.

Mathematics:	Required Credits
Algebra (2 trimesters) 1 credit.....	1
Geometry (2 trimesters) 1 credit.....	1
Intermediate Algebra (2 trimesters) 1 credit.....	<u>1</u>
Note: ½ credit of Math may be earned in Algebra Basics. 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	<u>1</u>
Note: ½ credit of science may be earned in Horticulture or Animal Science	
Total:	3

Social Studies:	Required Credits
American History 1 (2 trimesters in grade 9) 1 credit	1
Political Science (1 trimester) ½ credit.....	1/2
3 Social Studies Selections (1 trimester each) ½ credit each.....	<u>1.5</u>
Total:	3

Personal Finance	Required Credits
Personal Finance (1 trimester) ½ credit.....	.5
Finance and Investing (1 trimester) ½ credit	<u>.5</u>
Total5 (1)

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

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

Total Required Credits:	16 credits (16.5)
Elective Credits Needed:	9 credits (11)
Total Credits Needed to Graduate:	25 Credits (27.5 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 upper-level Physical Education course.
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 Technical 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.

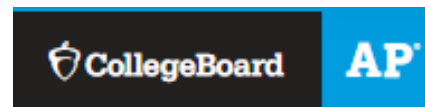


Dual Credit Courses currently offered at Loyal include:

DC Accounting (NTC: Accounting I, 10-101-111)
DC Advanced Foods (NTC: Sanitation for Food Service Operation, 10-316-100)
DC 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 Horticulture (CVTC: Introduction to Horticulture, 001-121-401)
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 Introduction to Psychology (NTC: Introduction to Psychology, 10-809-198)
DC Introduction to Sociology (NTC: Introduction to Sociology, 10-809-196)
DC Marketing Principles (NTC: Marketing Principles, 10-104-172)
DC Oral/Interpersonal Communications (NTC: Oral/Interpersonal Communications, 10-801-196)
DC Introduction to Agronomy (NTC: Orientation to Agronomy, 10-093-101)
DC Programming Concepts (NTC: Programming Concepts A, 10-152-501 and IT Development & Design Fundamentals, 10-152-500)
DC Web Page Design (NTC: Web Page Design 1A, 10-152-551 and IT Development & Design Fundamentals, 10-152-500)
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/EARLY COLLEGE CREDIT PROGRAMS

Subchapter 38.12 Wisconsin Administrative Code requires school districts to provide information regarding the Start College Now and Early College Credit Programs. These programs allow all public high school juniors and seniors who meet certain requirements to take post-secondary courses at a Wisconsin technical college or at an institution of higher education, which 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 junior and senior 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.loyal.k12.wi.us/school-counseling/my-pages/course-description-books>

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 are 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.loyal.k12.wi.us/school-counseling>

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, and poultry. 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 (2023, 2025, 2027 . . .)

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 (10-12) 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 Introduction to Agronomy (10-12) ½ Credit: 1 Trimester

Offered in school years beginning with even years (2024, 2026, 2028 . . .)

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.



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

Can fulfill ½ credit Science toward graduation requirements

MAY EARN 2 TECHNICAL COLLEGE DUAL CREDITS

Floral arrangement and greenhouse management are just a few of the many topics that will be explored in horticulture. This 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 landscape projects 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)

½ 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)

½ 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)

½ 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)

½ 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)

½ 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)

½ 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)

½ 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.

BUSINESS and INFORMATION TECHNOLOGY EDUCATION

Required for Graduation: ½ Credit Computer Applications

Computer Applications I (9-12)

½ 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.

3D Printing (9-12)

½ Credit: 1 Trimester

In this hands-on class, you'll have the chance to explore the exciting world of 3D printing and use industry-standard software to create and modify 3D models. You'll get hands-on experience operating and maintaining a 3D printer and troubleshooting common issues. You'll also work on group projects and explore the potential applications of 3D printing. This course is designed to be interactive, engaging and fun, and will provide you with the skills and knowledge you need to succeed in the field of 3D printing.

DC Programming Concepts (11-12)**½ Credit: 1 Trimester****Pre: Computer Applications I****MAY EARN 2 TECHNICAL COLLEGE DUAL CREDITS (10-152-501 and 10-152-500)**

Introduces programming concepts and terminology using an object-oriented approach, with a focus on iterative development and testing. This course uses C#.NET, the Unified Modeling Language (UML) and other tools to present concepts from a variety of perspectives. Students will create UML diagrams and write/debug C#.NET applications that incorporate classes, fields, methods and variables. Additional topics include: utilization of an Integrated Development Environment (IDE), value and reference types, object instantiation/lifetime/scope and mathematical/conditional/logical expressions.

**DC Web Page Design (11-12)****½ Credit: 1 Trimester****Pre: Computer Applications I****MAY EARN 2 TECHNICAL COLLEGE DUAL CREDITS (10-152-551 and 10-152-500)**

Introduces Hypertext Markup Language (HTML) and Cascading Style Sheet (CSS) coding techniques along with the development of text content to communicate clearly, concisely and effectively on the web. Students will create/modify web pages using HTML tags and style the web pages with CSS. Additionally, students will create and edit text content. Additional topics include: copyright considerations, text editors, and browser tools.

**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 (10-12)**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.

**DC Marketing Principles (10-12)****½ Credit: 1 Trimester****MAY EARN 3 TECHNICAL COLLEGE DUAL CREDITS (10-104-172)**

Explore the exciting world of marketing through hands-on activities and a real-world project creating and marketing your own candy bar. Students will learn about the marketing mix (product, price, promotion, & place), target markets, consumer behavior, market research, and branding. Through discussions, and hands-on activities, students will develop practical skills and a strong foundation in marketing concepts.

**DC Accounting (10-12)****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.



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.

Required for Graduation: 4 credits

English 9 (1 credit)

English 10 (1 credit)

2 more credits English courses

English Options/Variations:

Grade	English for University	English for Technical College	English
9	English 9	English 9	English 9
10	English 10	English 10	English 10
11	2 trimesters of College-Prep English	2 trimesters of College Prep English	English 11
12	2 UW English courses	2 Technical College courses	English 12

English 9 (9)

1 Credit: 2 Trimesters

English 10 (10)

1 Credit: 2 Trimesters

English 11 (11)

1 Credit: 2 Trimesters

English 12 (12)

1 Credit: 2 Trimesters

Using the American Reading Company's Core instructional curriculum as a framework, students in grades 9-12 will experience independent reading through a wide range of texts, both fiction and nonfiction. Standards will be taught through 4 units of study:

- **Literacy Lab**, where the basic foundations of reading and writing skills are practiced and refreshed.
- **Informational Research Lab**, where students engage in the research of a topic and publication of their own informational text.
- **Genre Study**, where students become experts on a specific genre of literature/
- **Argumentative Writing and Research**, where students engage in the research of an issue and explore its pros and cons.

Student progress will be tracked using the Independent Reading Level Assessment (IRLA), while grade-level appropriate rigor will be accomplished via increasing text complexity as well as performance-based expectations placed on student achievement.

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.**

DC Oral/Interpersonal Communications (11-12) ½ Credit: 1 Trimester

MAY EARN 3 TECHNICAL COLLEGE DUAL CREDITS (10-801-196)

Are you comfortable meeting new people? Do you know why some relationships fail? Are you a team player? Some topics explored in this course include interpersonal communication, relationship building, and successfully working in groups. Explore the complexity of communicating with individuals and groups and improve your most important employment 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 institutions 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

MAY EARN 1 TECHNICAL COLLEGE DUAL CREDIT (10-316-100, Sanitation for Food Service Operation)



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 (2023, 2025, 2027 . . .)

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 (2024, 2026, 2028 . . .)

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 (2023, 2025, 2027 . . .)**

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!

Fun with Fabrics (9-12) ½ Credit: 1 Trimester

This is a course for students who are interested in learning about the basics of sewing. The class is largely project based. Students will be completing several sewing projects during the semester. Clothing articles, quilts, wall hangings, embroidery by hand or machine, and using the Cricut to create projects are just a few project options. Sewing is fun!! Learning to sew should also be fun!

MATHEMATICS

Required for graduation: 3 Credits
Grade 9: Algebra
Grade 10: Geometry
Grade 10 or 11: DC Intermediate Algebra with Applications

Math Options/Variations:

GRADE	5 credits Math	4 Credits Math	4.5 Credits Math	3 or 3.5 Credits Math
9	Algebra I	Algebra I	Algebra Basics AND Algebra I	Algebra Basics AND Algebra I
10	Geometry AND DC Intermediate Algebra	Geometry	Geometry	Geometry
11	DC College Algebra	DC Intermediate Algebra	DC Intermediate Algebra	Technical Math
12	DC Pre-Calculus	DC College Algebra	DC College Algebra	

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.

DC 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.

Technical Math (11-12)**½ Credit: 1 Trimesters****By teacher approval only****Offered in school years beginning with even years (2024, 2026, 2028 . . .)**

Review and application of basic arithmetic skills will be covered in the first trimester of Technical Math. For those students taking the second trimester, Technical Math will reinforce basic operations, linear equations, proportions with one variable, percent, simple interest, compound interest, and annuity. Students will learn to apply these skills to consumer problems and situations. Successfully completing both trimesters of Technical Math may lead to earning 3 technical college dual credits.

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 are expected to be in band for the full year. Exceptions to this policy will be granted at the discretion of the band director.

Chamber Choir (9-12)**½ Credit Per Trimester: Offered all 3 Trimesters****Previously known as Chorus**

Choir is open to any student who likes music and enjoys singing. Each member will be exposed to a variety of music from the 15th century classical music to modern 21st century pieces. Students will discover historical content of their music and composers through a variety of platforms. Students will also be expected to study music theory that is relevant to their musicianship. Attendance is mandatory at all scheduled concerts and festivals. There is an opportunity for students to receive voice lessons from the instructor as time allows. Opportunities for students to further their individual abilities include solo ensemble festival and additional ensembles to be a member of based on student interest.

Central Street Singers (9-12)**¼ Credit: Independent Study****Previously known as Chamber Singers**

Central Street Singers is an audition-selected performing group limited to 16 students. This group will focus on a cappella music, with styles from early polyphonic music to the 21st century. Members must be enrolled in Chamber Choir and be selected through an audition process that happens in the 3rd trimester of the year before. Additional spots may be available throughout the year and are at the director's discretion. Rehearsals will happen outside of the school day or during activity time.

Media and Productions (9-12)**½ Credit per Trimester****Previously known as TV Productions**

Multimedia & Productions is a class all about the behind-the-scenes work for sporting events, musicals & plays, TV & radio broadcasting, and video game streaming. We will explore amplification techniques, video capturing and editing software, and different lighting techniques. This course will assist in covering production tasks for the School District of Loyal like sporting events, seminars, meetings, graduation, concerts, musicals, and plays. Students will monitor our streaming platforms, create a weekly broadcast on our YouTube page, and interview members of the sports team, organizations, and other activities at Loyal High School & Middle School.

PERSONAL FINANCE

Required for Graduation: 1/2 Credit Personal Finance
Class of 2025 forward: 1/2 Credit Finance and Investing (total of 1 credit)

Personal Finance (10-12)**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.

Finance and Investing (11-12)**½ Credit: 1 Trimester****Pre: Personal Finance**

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 are the reason why the Financial Literacy program exists today.

PHYSICAL EDUCATION

Required for Graduation: 1 1/2 Credits Physical Education 9 (1/2 credit)
1 credit of elective Physical Education courses
½ Credit of Co Health

After Physical Education 9, other Physical Education courses may be repeated for credit.

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 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 can 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 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**Required for Graduation: 3 Credits****Grade 9: Integrated Science OR Biology (1 credit)****Grade 10: Biology OR Chemistry (1 credit)****Grade 11: Chemistry OR another upper-level science (1 credit)****Science Options/Variations:**

GRADE	6.5 credits Science	3-4 Credits Science	3-4 Credits Science	3 Credits Science
9	Biology	Biology	Integrated Science	Integrated Science
10	Chemistry	Chemistry	Biology	Biology
11	AP Biology DC Body Struct/Function	Science Elective	Chemistry	Animal Science AND Horticulture
12	AP Chemistry AP Physics Indep Organic Chemistry	Science Elective	Science Elective	

Integrated Science (9)**1 Credit: 2 Trimesters**

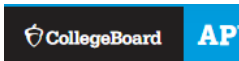
Integrated science is a general science course that covers foundational topics related to physical, life, and earth science. Topics covered will include the states of matter, astronomy, nuclear energy, optics, and the scientific process. This course will teach students how to interpret scientific information 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 (2023, 2025, 2027 . . .)****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 (2024, 2026, 2028 . . .)****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**

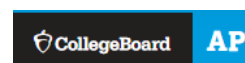
Chemistry is the study of the structure and composition of matter that makes up living things and their environment. Semester 1 will cover the foundations of chemistry, including atomic structure, bonding, chemical reactions, and stoichiometry. Semester 2 will cover states of matter and acid/base chemistry 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**

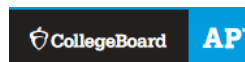
Organic chemistry is the study of the structure, properties, and reactions of carbon-based compounds. This includes hydrocarbon fuels, plastics, foods, and medicines. This course is designed as an independent study, and functions as an introduction to the college version of organic chemistry, which is 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****Offered in school years beginning with odd years (2023, 2025, 2027 . . .)****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: High math ability. B or better in Intermediate Algebra****Offered in school years beginning with even years (2024, 2026, 2028 . . .)****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

Required for Graduation: 3 Credits

American History (1 credit)

Political Science (1/2 credit)

1 ½ credits (3 classes) of elective Social Studies courses

American History (9, required)

1 Credit: 2 Trimesters

In American History students will learn about The First Americans through the present day. This is a survey course where students will have a basic understanding and appreciation of American history and American values. Students will receive one credit toward the three social studies credits required for graduation.

Political Science (10-12, required)

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

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.

State and Local History (10-12)

½ Credit: 1 Trimester

Pre: Successful Completion of American History

This course is designed to examine the development of the state of Wisconsin and local regions within Clark County from the political, economic, cultural, and social perspectives. Topics will include foundations of the state, Native American tribal groups of Wisconsin, contributions of Wisconsinites to large-scale American events, statewide current events, environmental history, Clark County beginnings, and the City of Loyal history. This course will collaborate with the Clark County and Loyal Historical Societies for events and projects. We will also use field trips to experience the state's historical roots.

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 human rights we should have across the globe. Other regional studies will be used in comparison to the holocaust, Cambodia Rwanda, Bosnia-Herzegovina, Syria and Sudan genocides.

DC Introduction to Sociology (11-12)

½ Credit: 1 Trimester

MAY EARN 3 TECHNICAL COLLEGE DUAL CREDITS, GUARENTEE TRANSFER TO UW SYSTEM SCHOOLS (10-809-196)

This course introduces the scientific study of human society, culture, and social interactions. Topics include socialization, research methods, diversity and inequality, cooperation and conflict, social change, social institutions, crime and punishment and organizations. Upon completion, students should be able to demonstrate knowledge of sociological concepts as they apply to the interplay among individuals, groups, and societies. Students who take the dual credit component will be eligible to earn 3 college credits through NTC.



DC Introduction to Psychology (11-12)

½ Credit: 1 Trimester

MAY EARN 3 TECHNICAL COLLEGE DUAL CREDITS, GUARENTEE TRANSFER TO UW SYSTEM SCHOOLS (10-809-198)

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 who take the dual credit component will be eligible to earn 3 college credits through NTC.



SPANISH

Spanish for Careers (9-12)

½ Credit: 1 Trimester

Pre: None

1 Trimester (Preferably the Trimester in which Spanish 3 and 4 are NOT held)

Students will explore Spanish vocabulary and grammar structures associated with typical workplace interactions. This includes but is not limited to the following areas: agriculture, the medical field, and hospitality. Students will be using Spanish for real-world application to be able to communicate effectively with employees as well as clients and customers. This course is flexible to accommodate the specific needs and interests of each group of students. Students will have a say in the focus(es) of the class. No previous Spanish experience is necessary.

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) ½ 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) ½ 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) ½ 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)**½ 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)**½ 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.

Technology Capstone (11-12)**½ Credit: 1 Trimester****Pre: Instructor Approval Only**

Advanced students need to have already taken all industrial arts-related courses in which they wish to work (**Example: have taken all automotive classes and wishes to continue working on auto engines**). Students will be required to design and fabricate projects. Students will also learn to estimate material cost and prepare project quotes for potential customers. Students will work independently as well as in small groups to collaborate to complete each project.

Car Care Seminar (10-12)**½ 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 ½ credit per trimester. Students working under any other program may earn ¼ credit per trimester.