

LITTLE CHUTE



HIGH SCHOOL

Academic and Career Planning Guide
2025-2026

Preparing **all** students for **success!**

PUBLIC NOTIFICATION OF STUDENT NONDISCRIMINATION POLICY

It is the policy of the Little Chute Area School District that no person may be denied admission to any public school in this district or be denied participation, be denied the benefits of, or be discriminated against in any curricular, extracurricular, public service, recreational, or other program or activity 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 as required by section 118.13 of the State Statutes. This policy also prohibits discrimination as defined by Title IX of the Education Amendments of 1972 (sex), Title VI of the Civil Rights Act of 1964 (race, color, national origin), Section 504 of the Rehabilitation Act (handicap), and Americans with Disabilities Act of 1990 (disability).

The District shall provide appropriate educational services or programs for students who have been identified as having a handicap or disability, regardless of the nature or severity of the handicap or disability. The District shall also provide for the reasonable accommodation of a student's sincerely held religious beliefs with regard to examinations and other academic requirements.

The District encourages informal resolution of complaints under this policy. A formal complaint procedure is available, however, to address allegations of policy violations in the School District.

Any questions concerning this policy should be directed to:

Heidi Schmidt, District Administrator
Little Chute Area School District
1402 Freedom Road
Little Chute, WI 54140

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This registration booklet is designed to help you and your parents plan your high school program at Little Chute High School. Please read the class descriptions and discuss your course selections with your parents. You will meet with your counselor to explore your ideas.

TO ALL LCHS STUDENTS

Little Chute High School administration and staff prepared this book to assist you in planning your educational program for the 2025-26 school year. Review this booklet before making decisions on courses you plan to request.

It is your responsibility to select the courses that meet graduation requirements and best meet your needs based on your interests, aptitudes, abilities, and future plans. It is also your responsibility to return all your completed materials. Teachers, counselors, and parents will help you in making your decisions. You will also want to consider the following:

1. **Know what the requirements are for graduation from Little Chute High School.** Are you meeting these requirements in your planning? This is your responsibility.
2. **Before selecting a course, check the course description.** Does it meet your needs based on your future? Does it have a course fee? Don't hesitate to ask the teacher for more information.
3. **You must have teacher approval for some courses.** If needed, get this as soon as possible.
4. **If in doubt about credits for graduation,** college, and tech schools, apprenticeships or vocations, see your counselor for help.
5. **Plan not just for next year, but for your entire high school career and your future educational plans.** Keep your options open by taking a challenging curriculum in the academic and technical areas.
6. **Selecting a course does not guarantee that you will actually be scheduled into that course.** Every effort will be made to honor a student's request, but it is often impossible to make a 100% perfect schedule. When conflicts occur, your counselor will assist you in making alternate choices.

Please take advantage of the many resources available to you - teachers, counselors, parents and others in planning your schedule so that it meets your school-to-career goals.

Good Luck!

Mr. Bird

SCHEDULE CHANGES

School Counselors work with students to create schedules based on career pathways and graduation requirements. After scheduling requests are made a master schedule is created to accommodate student requests when possible. Students receive their schedules several weeks prior to the beginning of the semester. Courses must be added or dropped no later than the first week of the current semester.

Please review the following:

- Correct number of classes (at least 7 classes for Freshman and Sophomores. Juniors and Senior schedules vary based on Rigor)
- Correct level placement for your courses
- Both semesters of a year long class
- All courses on your schedule are those you have not previously passed and are needed to meet the graduation requirements.

All schedule change requests must meet one of the following criteria:

- A class is missing
- Incorrect skill level placement
- Student has not met a prerequisite
- Student does not have a class needed to graduate
- Student has already taken and passed a class in their schedule
-

We are unable to honor a requested schedule change for the following reasons:

- Wanting a class resource at a different time of day
- To be with friends in a particular class or section
- To be with a preferred teacher
- A change in interest since courses were requested - if a class is not requested during scheduling and is not on the scheduling sheet, we will not be adding a different class to your schedule.

If you notice any errors in the schedule, please contact your school counselor. Please remember that our Counselors do not work everyday throughout August and must prioritize accommodating new students and families. A final copy of your schedule will be available in Infinite Campus mid August. Please note that all schedules remain "tentative", as counselors continue to balance class sizes while responding to staffing changes and student enrollment. Therefore, student's schedules may continue to shift and change prior to the start of school. We also need families to understand that most of our course sections get very full, or completely full; this is another reason that we can only accommodate schedule requests that are a true error.

Make sure you read all of this information carefully before contacting your counselor with questions about your schedule. Counselors get quite busy with scheduling and enrollment questions. Many schedule questions can be answered by reading through this document. Counselors do their best to support all of our students, however, they are more accessible to students if everyone does their best to utilize the resources available. Thank you in advance for your cooperation!

Once a semester has begun, dropping a course in progress, without the support of the teacher, principal, and school counselor, will result in a failing grade for that course.

*Odd/Even Years: Some courses are offered every other year. This is based on the graduation year. For the 2025-26 school year, "Even Year" courses will be offered.

REPEATING CLASSES & CREDIT RECOVERY

The failed semester of a required class must be repeated or students may recover the credit through credit recovery options. Please note: mathematics classes have prerequisites (a student must pass both semesters of Algebra before taking Geometry. Successful completion of both semesters of Geometry must precede Algebra 2/Trigonometry, etc.). Algebra and Geometry, for credit recovery, are offered for students during summer school who did not successfully complete during the school year.

Students may choose to retake a class even if they did not fail the class. However, credit and grade points can only be counted once. If a course is repeated, the highest grade is used in determining the grade point average. The other grade remains a matter of academic record on the student's transcript. Students considering repeating a class should discuss the situation thoroughly with their counselor before reprogramming for the class.

Courses completed through credit recovery options will be awarded a grade and factored into GPA. See [Policy 5421](#) Grading and the Policy Guideline 5421.

SUGGESTED COURSE SEQUENCE

The following sequence of courses will provide for a comprehensive high school education and meet the requirements for a high school diploma.

Ninth Grade	Tenth Grade
1. English 1 A&B	1. English 2 A & B
2. Algebra 1 A&B	2. Geometry A&B
3. World History A&B	3. Biology A & B
4. Physical Science A&B	4. Leadership (0.5)
5. PE/Health	5. PE (0.5)
6. CTE**/Electives*	6. Global Studies + 0.5 Social Studies (Elective)
7. CTE**/Electives*	7. CTE**/Electives*

Eleventh Grade	Twelfth Grade
1. American Literature	1. English electives (1 credit)
2. American History	2. Math elective encouraged
3. Math	3. Science elective encouraged
4. Science	4. Social Studies elective encouraged
5. PE	5. CTE/Electives*
6. Financial Literacy and/or Independent Living	6. CTE/Electives*
7. CTE/Electives*	7. CTE/Electives*

***World Language may be required for admittance to colleges and universities.** Other colleges/universities may not require it for admittance, but students could be required to take it at the college level, depending on their program. Therefore, it may help to have some world language background prior to high school graduation.

TO GRADUATE

Participation in commencement or any other graduation activity is not permitted without obtaining the required number of credits.

Any special arrangements, not covered by policy and written administrative procedures, are to be referred to the high school principal for approval and, if necessary, prepared for Board of Education action.

CAREER PATHWAYS

In order to assist students with planning their schedules, we have included the following "Career Clusters". These 16 **Career Clusters** lead directly to **Career Pathways**.

The Career Pathways are intended to help guide students in selecting their choices for elective courses outside of those that are required. Students with a purpose in mind do better in their studies than those who are without aspiration or dedication. The selection of elective subjects must not be taken lightly. For additional information on Career Clusters, visit www.careertech.org/career-clusters.

College admissions counselors and personnel workers in business and industry consider only those applicants who show promise for academic or vocational success. Your high school record is one of these measures used.

It is suggested that the parents of students confer with the counselor as early in the student's high school career as possible so that proper studies and course sequences may be chosen for their high school preparation. Feel free to call (920-788-7613) to set up an appointment. The counselors are assigned as follows: Mrs. Gretz (A-L) and Mrs. Mokrzycki (M-Z) for Grades 9-12.

Pathways to College & Career Readiness

AGRICULTURE, FOOD, & NATURAL RESOURCES



- ❖ Are you a nature lover?
- ❖ Are you practical, curious about the physical world, and interested in plants and animals?
- ❖ Do you enjoy hunting or fishing?
- ❖ Do you like to garden or mow the lawn?
- ❖ Are you interested in protecting the environment?
- ❖ This could be your career path?

The production, processing, marketing, distribution, financing, and development of agricultural commodities and resources including food, fiber, wood products, natural resources, horticulture, and other plant and animal products/services.

- Agriculture or Forestry
- Animal Health Care
- Earth Science
- Food Products and Processing Systems
- Fisheries or Wildlife Management
- Power, Structural and Technical Systems

Learn more about these jobs [here](#).

COURSE RECOMMENDATIONS

<u>SCIENCE</u>	<u>FAMILY CONSUMER SCIENCE</u>	<u>MANUFACTURING</u>	OTHER
Biology Ecology & Env. Science Chemistry 1	Culinary Arts Multicultural Foods	Foundations of Manufacturing and Engineering Computer Integrated Manufacturing Woodworking 1 & 2 Metals 1 & 2	Accounting Intro to Business & Marketing World Language

RELATED LCHS ACTIVITIES

Earth Club	DECA
Destination Imagination	Skills USA

ARTS, COMMUNICATION AND INFORMATION SYSTEMS



Are you a creative thinker?
Are you good with computers?
Are you imaginative, innovative, and original?
Do you like to communicate ideas?
Do you like crafting, drawing, playing a musical instrument, taking photos, or writing stories?

Designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services.

- Audio and Video Technology and Film
- Journalism and Broadcasting
- Computer Information Systems
- Performing Arts
- Printing Technology
- Arts, Audio/Visual Technology and Communications

Learn more about these jobs [here](#).

COURSE RECOMMENDATIONS

<u>ART</u>	<u>MUSIC</u>	<u>COMPUTER SCIENCE</u>	<u>BUSINESS</u>
Arts 1 & 2 2D Art 3D Art/3D Advanced Drawing and Painting Ceramics Digital Photography Digital Art Animation	Symphonic Band Wind Ensemble Mustang Chorale Chamber Singers Music Theory 1 Life in Music Career Exploration	PLTW: Comp. Essentials PLTW: Comp. Principals PLTW: Cybersecurity	Publications Computer Applications Marketing 1 Marketing 2 Youth Internship Economics Digital Media & Marketing

RELATED LCHS ACTIVITIES

Spanish Club	DECA
Live @ the 8	The Play/Musical
Forensics	Art Club

Information and Technology




Designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services.

- Audio and Video Technology and Film
- Journalism and Broadcasting
- Performing Arts and/or Visual Arts
- Printing Technology
- Telecommunications

COURSE RECOMMENDATIONS			
<u>ART</u>	<u>MATH</u>	<u>MUSIC</u>	<u>BUSINESS</u>
Art 1 & 2 2D Art 3D Art/3D Advanced Animation Digital Art Digital Photography Drawing & Painting Ceramics Printmaking	PLTW: Computer Science Essentials PLTW: Computer Science Principles AP Precalculus	Life in Music Career Exploration	Computer Applications Digital Media and Marketing

RELATED LCHS ACTIVITIES	
DECA	Skills USA
Chess Club	Art Club

BUSINESS, MARKETING & ADMINISTRATION	
 <p>Business Management & Administration</p> <ul style="list-style-type: none"> ❖ Do you enjoy being a leader, organizing people, planning activities, and talking? ❖ Do you like to work with numbers or ideas? ❖ Do you enjoy carrying through with an idea and seeing the end product? ❖ Do you like neat and orderly? ❖ Would you enjoy following the stock market, holding an office in a club, or surfing the internet? 	<p>Careers in planning, organizing, directing and evaluating business functions essential to efficient and productive business operations.</p> <ul style="list-style-type: none"> • Administrative Support • Business Information Management • General Management • Human Resources Management • Operations Management <p>Learn more about these jobs here.</p>

COURSE RECOMMENDATIONS		
<u>BUSINESS</u>	<u>MATH</u>	<u>LANGUAGE ARTS/WORLD LANGUAGE</u>
Intro to Business Financial Literacy Marketing 1 Entrepreneurship Marketing 2* (odd year) Accounting 1 Accounting 2 Computer Applications Youth Apprenticeship Economics Digital Media and Marketing	Algebra 2 AP Calculus AP Statistics AP Precalculus PLTW: Computer Science Essentials	College Speech Spanish

RELATED LCHS ACTIVITIES

DECA	Key Club
Student Council	National Honor Society

Finance



Planning and related services for financial and investment planning, banking, insurance, and business financial management.

- Accounting
- Banking Services
- Business Finance
- Insurance
- Securities and Investments

COURSE RECOMMENDATIONS

<u>BUSINESS</u>	<u>LANGUAGE ARTS/WORLD LANGUAGE</u>	<u>MATH</u>
Accounting 1 Accounting 2 Financial Literacy Economics Entrepreneurship Computer Applications Independent Living Introduction to Business	Communications Fundamentals of Composition World Language	Algebra 2 AP Statistics AP Precalculus

Hospitality and Tourism



Preparing individuals for employment in career pathways that relate to families and human needs such as restaurant and food/beverage services, lodging, travel and tourism, recreation, amusement and attractions.

- Lodging
- Recreation, Amusements and Attractions
- Restaurants and Food/Beverage Services
- Travel and Tourism

COURSE RECOMMENDATIONS

<u>FAMILY & CONSUMER SCIENCE</u>	<u>BUSINESS</u>	<u>WORLD LANGUAGE</u>
Culinary Arts 1 Culinary Arts 2 Multicultural Foods (Even)	Accounting Computer Applications Introduction to Business	Spanish

Baking and Pastry Arts (odds) Youth Apprenticeship	Marketing 1 Marketing 2 Entrepreneurship Digital Media and Marketing	
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Marketing

	<p>Planning, managing, and performing marketing activities to reach organizational objectives such as brand management, professional sales, merchandising, marketing communications and market research.</p> <ul style="list-style-type: none"> • Marketing Communications • Marketing Management • Marketing Research • Merchandising • Professional Sales
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COURSE RECOMMENDATIONS

<u>BUSINESS</u>	<u>WORLD LANGUAGE</u>
Accounting 1 Accounting 2 Computer Applications Digital Media & Marketing Economics Intro to Business Marketing 1 Marketing 2 (odd year) Entrepreneurship Youth Apprenticeship	Spanish

HEALTH SCIENCE

 <ul style="list-style-type: none"> ❖ Do you like to care for people or animals who are sick or help them stay well? ❖ Are you interested in disease and in how the body works? ❖ Do you enjoy reading about science and medicine? ❖ Would it be fun to learn first aid or volunteer at a hospital or veterinary clinic? 	<p>Preparing individuals for employment in career pathways that relate to families and human needs such as counseling and mental health services, family and community services, personal care, and consumer services.</p> <ul style="list-style-type: none"> • Consumer Services • Counseling and Mental Health Services • Early Childhood Development and Services • Family and Community Services • Personal Care Services <p>Learn more about these jobs here.</p>
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COURSE RECOMMENDATIONS		
<u>SCIENCE</u>	<u>NON-DEPARTMENTAL COURSES</u>	<u>WORLD LANGUAGE</u>
Biology AP Biology Chemistry AP Chemistry Food and Exercise Science Anatomy and Physiology Psychology AP Psychology PLTW: Principles of Biomedical Sciences PLTW: Human Body Systems PLTW: Medical Interventions	Medical Terminology (FVTC)	Spanish
RELATED LCHS ACTIVITIES		
HOSA	LCCPR	
Skills USA		

HUMAN SERVICES	
 <p>Human Services</p> <ul style="list-style-type: none"> ❖ Are you friendly, open, understanding, and cooperative? ❖ Do you like to work with people to solve problems? ❖ Is it important to you to do something that makes things better for other people? ❖ Do you like to help friends with family problems? ❖ Do you like reading, storytelling, traveling, or tutoring young children? 	<p>Preparing individuals for employment in career pathways that relate to families and human needs such as counseling and mental health services, family and community services, personal care, and consumer services.</p> <ul style="list-style-type: none"> • Consumer Services • Counseling and Mental Health Services • Early Childhood Development and Services • Family and Community Services • Personal Care Services <p>Learn more about these jobs here.</p>

RELATED LCHS ACTIVITIES	
HOSA	Mentoring
Sources of Strength	Student Council
Yearbook	Key Club

Education and Training



Planning, managing and providing education and training services, and related learning support services such as administration, teaching/training, administrative support, and professional support services.

- Administration and Administrative Support
- Professional Support Services
- Teaching/Training

COURSE RECOMMENDATIONS

<u>FAMILY & CONSUMER SCIENCE</u>	<u>SOCIAL STUDIES</u>	<u>WORLD LANGUAGE</u>	<u>ART</u>	<u>MUSIC</u>
Intro to Education and Human Services Education and Human Services 2 Education Policy: Truths and Myths Computer Applications	AP Psychology Psychology Sociology Current Events	Spanish	Art 1 Art 2	Symphonic Band Wind Ensemble Mustang Chorale Chamber Singers Music Theory 1 and 2 Life in Music Career Mustang Teacher Aide

Government & Public Administration



Planning and executing government functions at the local, state and federal levels, including governance, national security, foreign service, planning, revenue and taxation, and regulations.

- Foreign Service
- Governance
- National Security
- Planning
- Public Management and Administration
- Regulation
- Revenue and Taxation

COURSE RECOMMENDATIONS

<u>SOCIAL STUDIES</u>	<u>WORLD LANGUAGE</u>	<u>BUSINESS</u>
Global Studies American History 1 & 2 Political Science AP United States History Economics Current Events Sociology	Spanish	Introduction to Business Accounting

Law, Public Safety, Corrections, and Security



Planning, managing, and providing legal, public safety, protective services and homeland security, including professional and technical support services.

- Correction Services
- Emergency and Fire Management Services
- Law Enforcement Services
- Legal Services
- Security and Protective Services

COURSE RECOMMENDATIONS

SOCIAL STUDIES

WORLD LANGUAGE

Political Science
AP Psychology
AP United States History
AP World History
Psychology
Sociology

Spanish

ENGINEERING, MANUFACTURING & TECHNOLOGY



- ❖ Do you like reading diagrams and blueprints, and drawing building structures?
- ❖ Do you like working with your hands?

The need for construction and trade jobs is growing as new residential homes, commercial buildings, and infrastructure projects are starting all the time. Additionally, many workers in this field are retiring, creating increased demand. This career field is very portable since there is demand for construction across the country.

- Architect
- Carpenter
- Design/Pre-Construction
- Maintenance/Operations
- Plumber

Learn more about these jobs [here](#).

COURSE RECOMMENDATIONS

<u>MANUFACTURING & ENGINEERING</u>	<u>ART</u>	<u>WORLD LANGUAGE</u>	<u>BUSINESS</u>
Architectural Design 1 Mechanical Drawing 1 (FVTC - Dual Credit) Mechanical Drawing 2 (FVTC - Dual Credit) Woodworking 1 Woodworking 2	Art 1 Art 2 2D Art 3D/3D Advanced Art Printmaking	Spanish 1 & 2	Entrepreneurship Accounting Computer Applications

RELATED LCHS ACTIVITIES

Skills USA	Destination Imagination
Chess Club	Earth Club
DECA	Spanish Club

Manufacturing



Planning, managing, and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance and manufacturing/process engineering.

- Health, Safety and Environmental Assurance
- Logistics and Inventory Control
- Maintenance, Installation and Repair
- Manufacturing Production Process Development
- Production
- Quality Assurance

COURSE RECOMMENDATIONS

<u>MANUFACTURING & ENGINEERING</u>	<u>WORLD LANGUAGE</u>	<u>BUSINESS</u>
Foundations of Manufacturing and Engineering CI Manufacturing Mechanical Drawing 1 (FVTC - Dual Credit) Mechanical Drawing 2 (FVTC - Dual Credit) Machine Tool Jump Start (FVTC - Dual Credit) Metals 1 (FVTC - Dual Credit) Metals 2 (FVTC - Dual Credit) Metals 3 (FVTC - Dual Credit) Woodworking 1 & 2	Spanish 1 & 2	Intro to Business

Science, Technology, Engineering & Mathematics



Planning, managing, and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance and manufacturing/process engineering.

- Health, Safety and Environmental Assurance
- Logistics and Inventory Control
- Maintenance, Installation and Repair
- Manufacturing Production Process Development
- Production
- Quality Assurance

COURSE RECOMMENDATIONS

<u>MANUFACTURING & ENGINEERING</u>	<u>WORLD LANGUAGE</u>	<u>SCIENCE</u>	<u>BUSINESS</u>
Foundations of Manufacturing and Engineering PLTW: Computer Science Principles PLTW: Intro to Engineering Design (IED) PLTW: Principles of Engineering (POE) College Technical Math Mechanical Drawing 1 (FVTC - Dual Credit) Mechanical Drawing 2 (FVTC - Dual Credit) Metals 1 (FVTC - Dual Credit) Metals 2 (FVTC - Dual Credit) Metals 3 (FVTC - Dual Credit) Woodworking 1 & 2 Machine Tool Jump Start (FVTC - Dual Credit) Architectural Design 1	Spanish	Earth Science Physical Science Physics Chemistry AP Chemistry	Marketing 1 Computer Applications

Transportation, Distribution, & Logistics



The planning, management, and movement of people, materials, and goods by road, pipeline, air, rail and water and related professional and technical support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance.

- Facility and Mobile Equipment Maintenance
- Health, Safety and Environmental Management
- Logistics Planning and Management Services
- Sales and Service
- Transportation Operations
- Transportation Systems/Infrastructure Planning,

	Management, and Regulation <ul style="list-style-type: none"> • Warehousing and Distribution Center Operation
COURSE RECOMMENDATIONS	
<u>MANUFACTURING & ENGINEERING</u>	<u>BUSINESS</u>
Foundations of Manufacturing and Engineering	Marketing 1 Marketing 2 Entrepreneurship

LCHS GRADUATION CREDIT REQUIREMENTS

Language Arts	4.0
Math	3.0
Science	3.0
Social Studies*	3.0
Physical Education	1.5
Leadership	0.5
Health	0.5
Financial Literacy*	0.5
Required Credits	16.0
Elective Credits	8.0
TOTAL CREDITS	24.0

*U.S. History is a graduation Requirement

*Independent Living (FACE) will fulfill the Financial Literacy requirement.

**Portfolio completion and presentation during senior year is also required for graduation.
No credit is given for Portfolio completion.

*** All students must complete the ACT 55-Wisconsin Civics Graduation Requirement. For more details, refer to Graduation Policy 345.6.

REQUIRED PORTFOLIO

Prior to graduation, students are required to complete a portfolio process that reflects each individual's continuing mastery of the district's eight outcomes and academic and career planning.

- ❖ Artistic Appreciator
- ❖ Cooperative Societal Contributor
- ❖ Effective Communicator
- ❖ Global Cultural Participant
- ❖ Problem Solver/Critical Thinker
- ❖ Responsible for Personal Wellness
- ❖ Self-Directed Learner
- ❖ Technological Quality Producer

FLEX TIME

All students are assigned to a specific homeroom once per week. Homerooms will allow students to complete a variety of activities, have class meetings, vote on various topics, schedule intervention/enrichment opportunities and develop their portfolio. This portfolio satisfies the graduation requirement by collecting classroom work samples and/or outside activities that reflect the student's continuing mastery of the district's eight graduation outcomes.

Each term, students are required to place these samples in their portfolio. Examination skills like critical review, peer editing, polishing work samples, etc. **Seniors** must participate in a senior exit interview and portfolio exhibition.

REQUIRED PORTFOLIO MATERIALS

1. Portfolio Presentation
2. Resume
3. Evidence of School to Career Transition
4. Acceptable Evidence of District Goals
 - a. Artistic Appreciator
 - b. Cooperative Societal Contributor
 - c. Effective Communicator
 - d. Global Cultural Participant
 - e. Problem Solver/Critical Thinker
 - f. Responsible for Personal Wellness
 - g. Self-Directed Learner
 - h. Technological Quality Producer
5. Life and Career Skills Reflection
6. Social/Emotional Learning Reflection

POSTSECONDARY EDUCATION READINESS

High school graduation requirements may be different from the entrance requirements for specific colleges and universities. The requirements listed below are minimum requirements for students to be eligible for admission to these institutions. Students are encouraged to exceed these minimum requirements and to challenge themselves by taking rigorous courses, including Advanced Placement courses, to be competitive in the collegiate admissions process.

COLLEGE/UNIVERSITY PLANNING

College Entrance Tests

College entrance tests are given by two testing agencies. The College Board administers the PSAT/NMSQT (Preliminary Scholastic Aptitude Test/National Merit Scholarship Qualifying Tests) and the SAT (Scholastic Aptitude Tests) for juniors. The American College Testing Program administers the ACT (American College Test) for juniors. The ACT test is recommended by the University of Wisconsin System. Detailed information concerning these tests is provided to students as part of the college counseling program beginning in their freshman year.

COLLEGE ENTRANCE REQUIREMENTS

College entrance requirements differ with each institution and must be looked at individually. Generally speaking, you have a good chance to be admitted if you meet the following two requirements.

1. Meet the class rank requirement according to GPA (Grade Point Average) and/or ACT requirement as listed in the [UW Journey Guide](#), available online or in the pupil services office.
2. Upon graduation, have successfully completed a minimum of 17 academic credits:

UNIVERSITY OF WISCONSIN SYSTEM

Students must meet the following minimum requirements in order to be eligible for admission:

English: 4 credits

Mathematics: 3 credits (several require Algebra 2)

Science: 3 credits

Social Studies: 3 credits

FA/Electives/Language: 4 credits

Two years of a single world language are strongly recommended for admission to UW-Madison. For those students interested in attending a four-year college or university, it is recommended you discuss a four year academic plan with your counselor.

NATION'S TOP UNIVERSITIES

Many top universities have the following eligibility requirements for admission

English*: 4 credits

* *Intensive work in writing*

Mathematics: 4 credits

Science: 3-4 credits

*** *At least one world language*

Social Studies: 3 credits



World Language***: 2-4 credits

ADVANCED PLACEMENT PROGRAM (AP)

The Advanced Placement (AP) program is a cooperative educational endeavor between high schools and specific post secondary institutions. It allows students to enroll in college level courses while in high school and gives them the opportunity to show mastery by taking the AP exam. Students wishing to enroll in an AP course must complete all necessary prerequisite courses and register for the course.

AP exams are given during the month of May. Students taking AP courses are expected to take the AP examination. (Current cost is \$99 and subject to change. Note: The cost of the exam should never deter a student from taking an AP course. Please contact the student's school counselor if you have any concerns.) According to their performance on the examination, students may receive college credit for each examination they take. It is important to note that the colleges and universities award the credits. Policies vary from school-to-school or department-to-department within those schools. Please consult the high school Pupil Services Office for credit information on specific schools. Information is also available for out-of-state institutions. Credit will be granted at all UW System institutions for scores of 3, 4, or 5. If a student does not show up for a scheduled test, the student's account will be charged the full test fee and it must be paid prior to graduation. Students will log in to the AP website to receive their grade report in July.

Advanced Placement courses offered are listed on the following chart. If you have further questions concerning the program or the exam, please contact a counselor or the individual AP teachers.

HELPFUL WEBSITES	
	General Information about AP: https://apstudents.collegeboard.org/ College-Level Examination Program (CLEP): https://clep.collegeboard.org/
	AP Acceptance: https://uwhelp.wisconsin.edu/prep-for-college/credits/

LCHS Course Title	Department	Course Length	Credits	Prerequisite
AP English-Literature & Composition	English	1 year	1.0	English 1 & English 2
AP Language & Composition	English	1 year	1.0	English 1 & English 2
AP Pre Calculus	Math	1 year	1.0	Algebra 2
AP Calculus	Math	1 year	1.0	AP PreCalc & Trig
AP Statistics	Math	1 year	1.0	Algebra 2
AP Biology	Science	1 year	1.0	Biology & Alg. 1
AP Chemistry	Science	1 year	1.0	Chemistry & Alg. 2
AP World History	Social Studies	1 year	1.0	None
AP US History	Social Studies	1 year	1.0	None
AP Psychology	Social Studies	1 year	1.0	Recommended: regular Psych and Bio

DUAL CREDIT PROGRAMS

DUAL CREDIT / ADVANCED STANDING



Classes taken here are eligible for Dual Credits. With a passing grade set by the high school and FVTC, you can earn both high school and college credits.

Little Chute High School has an agreement with Fox Valley Technical College whereby certain classes taken at Little Chute High can provide eligibility for **advanced standing** for a student who pursues an associate degree or a technical diploma at FVTC. Fox Valley Technical College will make the final determination of the awarding of advanced standing.

The following career and technical courses at LCHS are offered for advanced standing with Fox Valley Technical College:

HS Course(s)	HS credits	for	FVTC Course(s)	FVTC credits
Accounting 2	0.5	for	Accounting Principles 10-101-107	3
Marketing 2	0.5	for	Principles of Marketing 10-104-151	3
Computer Apps	0.5	for	Intro to Microsoft Office 10-103-120	2
Financial Literacy	0.5	for	Financial Planning 10-114-175	3
Metals 1	0.5	for	Related Welding 1 10-442-120	1
Metals 2	0.5	for	Welding and Metal Fabrication Introduction & Safety 10-621-105	1
Metals 3	1.0	for	Welding Print Reading, Welding Symbols & GMAW Techniques 1 10-442-123	3
Mechanical Drawing 1	0.5	for	Sketching & Design Process 10-606-151	1
Mechanical Drawing 2	0.5	for	CAD (Computer Aided Design) and Geometric Constructions 10-606-152	1
Machine Tool Jump Start	0.5	for	Course options: Measurement and Benchmark 32-420-331, Engine Lathe 32-420-333, or Print Reading for Machine Tool 32-420-350	up to 7 credits
College Technical Math	1.0	for	College Technical Math 10-804-115	5
Medical Terminology	0.5	for	Medical Terminology 10-501-101	3




CAPP Classes through UW-Oshkosh and UW-Fox Valley

Students who enroll in a Cooperative Academic Partnership Program (CAPP) class are eligible to earn college credit at a fraction of the price. CAPP classes are actual college classes.

At Little Chute, we offer CAPP classes from UW-Oshkosh and UW-Fox Valley, and to be eligible to take these classes, the student must meet one of the following requirements:


- Intro Human Services 1 and 2 and GPA of at least 2.75 for Individual Schools & Society
- GPA of at least 3.25 on a 4.0 scale for College Speech
- Instructors can make recommendations for students exceptional in that area, but not meeting the requirements.

Completing and passing CAPP classes can earn students 3 college level credits that can transfer to over 2,500 colleges in the United States.

CAPP Course Offering							
LCHS Course Title	LCHS Department	LCHS Course Length	College	HS credits	College Credits	Fees	College Course Title
Educational Policy: Truths and Myths	Family and consumer Science	1 semester	 UNIVERSITY OF WISCONSIN OSHKOSH	0.5	3	\$360	Educational Policy: Truths and Myths
College Speech	Language Arts	1 semester	 UNIVERSITY OF WISCONSIN FOX CITIES	0.5	3	\$360	Introduction to Public Speaking
Communicating with the Deaf	Elective	1 semester	 UNIVERSITY OF WISCONSIN FOX CITIES	0.5	3	\$395	ASL1 Special Education 202

College Credit in High School (CCIHS) Program through UW-Green Bay

The College Credit in High School program is a dual credit program where students earn both high school and college credit for a class. UW-Green Bay offers college credit courses within high schools and provides opportunities for academically qualified high school students to engage in college-level learning experiences. Courses are taught by qualified and approved high school faculty, students pursue rigorous advanced subjects and earn college credit upon successful completion.

CCIHS Course Offering							
LCHS Course Title	LCHS Department	LCHS Course Length	College	HS credits	Fee	College Credits	College Course Title
**Spanish 5 UWGB	World Language	2 semesters	 UNIVERSITY of WISCONSIN GREEN BAY	1	\$350	3 + 11 additional retroactive credits w/ a B or above	Spanish-SPAN 202

PROJECT LEAD THE WAY (PLTW) COLLEGE CREDIT

Students who enroll in Project Lead the Way (PLTW) courses may be eligible to earn college credit. This varies by college and is dependent on the student initiating the conversation and sharing this information with the college. To learn more about how PLTW courses may transfer as college credit, reach out directly to the institution. Here are [UW-Oshkosh](#) and [UW-Platteville](#) policies on the transfer of credit.

EARLY COLLEGE CREDIT PROGRAM

The Early College Credit Program provides an opportunity for students in grades 11 and 12 to enroll in post-secondary institutions (college and universities) pre-approved courses that are not available in the high school curriculum. Courses are taken for both high school and college credit. Student admission is contingent on meeting entrance requirements and the availability of space. Student's grades in these courses will be calculated in their high school grade point average.

Under UW-Oshkosh guidelines, we are able to enroll students in the UW Program as follows:

1. High school student grades 9-12.
2. Have at least a 2.5 cumulative GPA (unweighted GPA based on a 4.0 scale) as indicated on the high school transcript.
3. Successfully completed Algebra I at your high school.

The student is required to apply for this program and must get approval from the School Board. Application for enrollment at post-secondary institutions must be made by February 1 for summer courses, March 1 for the fall semester and by October 1 for the spring semester.

Students interested in enrolling in a Early College Credit Program Course should contact their counselor for information. LCASD policy 343.46, the Early College Credit Program Policy, must be followed.

START COLLEGE NOW

Start College Now allows high school students the opportunity to take college courses at Wisconsin Technical Colleges. Students looking to take courses in the fall semester must turn in the application by March 1 for fall semester and October 1 for spring semester courses.

Courses must be pre-approved and registered through your counselor.

The student is required to apply for this program and must get approval from the School Board. In cases where the Little Chute Area School District offers a comparable course at the high school, the course must be taken at the high school.

BELL SCHEDULE FOR 2024-25

Daily Periods Schedule	Early Release Wednesday Periods Schedule
1 7:50-8:36 46 minutes	1 7:50-8:23 33 minutes
2 8:39-9:24 45 minutes	2 8:26-8:58 33 minutes
RTI 9:27-9:57 30 minutes	RTI 9:02-9:32 30 minutes
3 10:02-10:47 45 minutes	3 9:35-10:08 33 minutes
4 10:50-11:35 45 minutes	4 10:11-10:44 33 minutes
Lunch 11:35-12:15 40 minutes	Lunch 10:44-11:24 40 minutes
5 12:15-1:00 45 minutes	5 11:24-11:57 33 minutes
6 1:03-1:48 45 minutes	6 12:00-12:33 33 minutes
7 1:51-2:36 45 minutes	7 12:36-1:09 33 minutes
8 2:39-3:24 46 minutes	8 1:12-1:45 33 minutes

COURSE LIST 2024-25

BUSINESS EDUCATION

Course Number	Course Name	Grade	Credit	PreR	Fee
BUS506	Computer Applications (FVTC)	10-12	0.5		
BUS517	Digital Media & Marketing	10-12	0.5	(PR)	
BUS509	Intro to Business & Marketing	9-12	0.5		
BUS511	Marketing 1	9-12	0.5		
BUS512	Marketing 2 (Odd Years) (FVTC)	11-12	0.5	(PR)	
BUS501/BUS502	Accounting 1	10-12	1.0		
BUS503	Accounting 2 (Even Years) (FVTC)	11-12	0.5	(PR)	
BUS507/BUS508	Entrepreneurship	11-12	1.0	(PR)	
BUS515	Financial Literacy (FVTC)	11-12	0.5		

FAMILY & CONSUMER EDUCATION

Course Number	Course Name	Grade	Credit	PreR	Fee
FAC507	Intro to Fashion and Design	9-12	0.5		\$\$
FAC509	Fashion and Design 2	9-12	0.5	(PR)	\$\$
FAC501	Introduction to Culinary Arts	9-12	0.5		
FAC505	Culinary Arts 2	9-12	0.5	(PR)	
FAC525	Intro to Education & Human Services	9-12	0.5		
FAC527	Education & Human Services 2	10-12	0.5	(PR)	
FAC515	Independent Living	10-12	0.5		
FAC511	Multicultural Foods (Even Years)	9-12	0.5		
FAC521	Baking & Pastry Arts (Odd Years)	9-12	0.5	(PR)	
FAC529	Education Policy: Truths and Myths (UWO)	11-12	1.0	(PR)	\$360

LANGUAGE ARTS DEPARTMENT

Course Number	Course Name	Grade	Credit	PreR	Fee
ENG501/ENG502	English 1	9	1.0		
ENG507	Communications	10-12	0.5		
ENG505	Applied English	11-12	0.5	(PR)	
ENG503/ENG504	English 2	10	1.0	(PR)	
ENG506	Creative Writing	11-12	0.5	(PR)	
ENG509	Fundamentals of Composition	12	0.5	(PR)	
ENG510	Literary Genres	11-12	0.5	(PR)	
ENG518/ENG519	AP English-Literature & Composition	11-12	1.0		\$96*
ENG520/ENG521	AP Language & Composition	11-12	1.0		\$96*
ENG511/ENG512	American Literature	11	1.0	(PR)	
ENG527	++College Speech (UWO)	11-12	1.0	(PR)	\$300
ENG525	Heroes & Villains	10-12	0.5	(PR)	

MATHEMATICS DEPARTMENT

Course Number	Course Name	Grade	Credit	PreR	Fee
MAT501/MAT502	Algebra 1	9	1.0		
MAT503/MAT504	Geometry	9-10	1.0	(PR)	
MAT505/MAT506	Algebra 2	10-12	1.0	(PR)	
MAT525/MAT526	AP Precalculus/Trigonometry	10-12	1.0	(PR)	\$96*
MAT527/MAT528	AP Calculus	10-12	1.0	(PR)	\$96*

MAT532/MAT533	College Technical Math (FVTC)	11-12	1.0	(PR)	
MAT552/MAT553	Foundations of Math with Applications	10-12	1.0	(PR)	
MAT548/MAT549	PLTW: Computer Science Essentials	9-12	1.0		Test Fee
MAT543/MAT544	PLTW: Computer Science Principles	10-12	1.0		Test Fee
COM550/COM551	PLTW: Cybersecurity	9-12	1.0		Test Fee
MAT529/MAT530	AP Statistics	10-12	1.0	(PR)	\$96*

MANUFACTURING AND ENGINEERING DEPARTMENT

Course Number	Course Name	Grade	Credit	PreR	Fee
ITE513	Metals 1 (FVTC)	9-12	0.5	(PR)	\$40
ITE515	Metals 2 (FVTC)	10-12	0.5	(PR)	\$40
ITE519	Metals 3 (FVTC)	11-12	1.0	(PR)	\$50
ITE501	Woodworking 1	9-12	0.5	(PR)	\$55
ITE503/ITE504	Woodworking 2	10-12	1.0	(PR)	\$\$
ITE512	Computer Integrated Manufacturing	10-12	0.5	(PR)	40
ITE523	Mechanical Drawing 1 (FVTC)	10-12	0.5	(PR)	
ITE525	Mechanical Drawing 2 (FVTC)	10-12	0.5	(PR)	
ITE506	Architectural Design 1	10-12	0.5	(PR)	
ITE509	Foundations of Manufacturing & Eng.	9-12	0.5		\$25
ITE527	Machine Tool Jump Start (FVTC)	11-12	0.5	(PR)	\$25
ITE541/ITE542	PLTW: Intro to Engineering Design	9-12	1.0		
ITE538/ITE539	PLTW: Principles of Engineering	10-12	1.0	(PR)	

PERFORMING ARTS DEPARTMENT

Course Number	Course Name	Grade	Credit	PreR	Fee
PER513/PER514	LC Symphonic Band	9-12	1.0	(PR)	\$50 \$100
PER517/PER518	Wind Ensemble	9-12	1.0	(PR)	\$50 \$100
PER505/PER506	Mustang Chorale	9-12	1.0		
PER509/PER510	LC Chamber Singers	9-12	1.0	(PR)	
PER530	Life in Music: Career Explorations	9-12	0.5		
PER521	Music Theory	9-12	0.5		

PHYSICAL EDUCATION & HEALTH DEPARTMENT

Course Number	Course Name	Grade	Credit	PreR	Fee
Tier 1					
PHY501	PE 9-10	9-10	0.5		
PHY503	Introduction to Personal Fitness/ Strength & Conditioning	9-12	0.5		
PHY509	Racquet Sports	9-12	0.5		
Tier 2					
PHY513	Team Sports	10-12	0.5	(PR)	
PHY515A/PHY515B	Advanced Strength and Conditioning	9-12	0.5	(PR)	
PHY511	Physical Education IV	10-12	0.5	(PR)	
PHY507	Lifetime Activities	11-12	0.5	(PR)	
HLTH501	Health	9-12	0.5		

SCIENCE DEPARTMENT

Course Number	Course Name	Grade	Credit	PreR	Fee
SCI501/SCI502	Physical Science	9	1.0		
SCI503/SCI504	Biology	9-10	1.0		
SCI522	Ecology & Environmental Science	11-12	0.5	(PR)	\$15
SCI505/SCI506	Chemistry	10-12	1.0	(PR)	
SCI507/SCI508	Physics	10-12	1.0	(PR)	
SCI519/SCI520	AP Biology	10-12	1.0	(PR)	\$96*
SCI509/SCI510	Earth Science	10-12	1.0	(PR)	
SCI526/SCI527	Human Anatomy & Physiology	11-12	1.0	(PR)	
SCI517/SCI518	AP Chemistry	11-12	1.0	(PR)	\$96*
SCI524	Food & Exercise Science	11-12	0.5	(PR)	
SCI530/SCI531	PLTW: Principles of Biomedical Sciences	9-12	1.0		
SCI532/SCI533	PLTW: Human Body Systems	10-12	1.0	(PR)	
SCI535/SCI536	PLTW: Medical Interventions	11-12	1.0	(PR)	
MIS507	Medical Terminology	11-12	1.0		\$350

SOCIAL STUDIES DEPARTMENT

Course Number	Course Name	Grade	Credit	PreR	Fee
SOC517/SOC518	World History	9	1.0		
SOC527/SOC528	AP World History	9-12	1.0		\$96*
SOC504	Current Events	10-12	0.5		
SOC513	Economics	10-12	0.5		
SOC515	Political Science	10-12	0.5		
SOC507	Psychology	10-12	0.5		
SOC509	Sociology	10-12	0.5		
SOC501	Global Studies	10	0.5	(PR)	
SOC521/SOC523	American History	11-12	1.0	(PR)	
SOC529/SOC530	AP US History	10-12	1.0		\$96*
SOC525/SOC526	AP Psychology	10-12	1.0	(PR)	\$96*

VISUAL ARTS DEPARTMENT

Course Number	Course Name	Grade	Credit	PreR	Fee
	General Art Courses				
VIS501	Art 1	9-12	0.5		\$25
VIS503	Art 2	9-12	0.5	(PR)	\$25
VIS505	Digital Art	9-12	0.5	(PR)	\$10
VIS527	Animation	10-12	0.5	(PR)	\$20
	Advanced Art Sequence				
VIS515	2-Dimensional Art	10-12	0.5	(PR)	\$30
VIS517	3-Dimensional Art	10-12	0.5	(PR)	\$30
VIS521	3-Dimensional Advanced	10-12	0.5	(PR)	\$35
VIS509	Drawing & Painting	10-12	0.5	(PR)	\$30
VIS523	Independent Art	12	0.5	(PR)	\$30
VIS507	Ceramics	10-12	0.5	(PR)	\$30
VIS513	Digital Photography	10-12	0.5	(PR)	\$30
VIS525	Printmaking	10-12	0.5	(PR)	\$30

WORLD LANGUAGE DEPARTMENT

Course Number	Course Name	Grade	Credit	PreR	Fee
FOR501/502	Spanish 1	9-12	1.0		
FOR503/504	Spanish 2	9-12	1.0	(PR)	
FOR505/506	Spanish 3	10-12	1.0	(PR)	

FOR507/508	Spanish 4	10-12	1.0	(PR)	
FOR509	++College Spanish (UWGB: SPAN202)	10-12	1.0	(PR)	\$350 (Varies per year)

NON-DEPARTMENTAL COURSE OFFERINGS

Course Number	Course Name	Grade	Credit	PreR	Fee
MIS503	Communicating with the Deaf	11-12	1.0		\$395
NON511/512	Publications	11-12	1.0		
NON530	Work Experience	11-12	0.5	(PR)	(\$)
NON5**	Youth Apprenticeship	11-12	1.0		(\$)
NON5**	Leadership	10	0.5		

Course Selection Notes:

(PR) = One or more prerequisites are required to enroll in this course. See Course Catalog for details.

** = FVTC Dual Credit Course or Articulation

++ = Denotes college level course

(\$) = Denotes drug testing fee for work experience which is subject to change yearly

\$\$ = Denotes a Project Based Class Fee

* = A course exam fee assessed for these courses

that can change from year to year. These fees are not waived, regardless of a student's free/reduced lunch status.

AP = College Level Rigor/ Advanced standing/credit possible Passed Exam

& = Available to Career Pathways Academy students only.

BUSINESS EDUCATION

Recommended Course Pathway

	Marketing	Business	Computer Science
Year 1	Intro to Business	Intro to Business	Computer Applications*
Year 2	Marketing 1	Accounting 1	PLTW: CS Principles (math) Computer Apps*
Year 3	Marketing 2* (odd years) Digital Media and Marketing	Accounting 1 or 2 (even years) Entrepreneurship*	PLTW: CS Essentials (math) Computer Apps*
Year 4	Entrepreneurship* Marketing 2* (odd years)	Accounting 2 (even years) Entrepreneurship*	

****Dual Credit Course***

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
COMPUTER APPLICATIONS – FVTC	10-12	0.5	None	None

Computer Applications provides an opportunity to gain technical skills employers are seeking, by using the features in Outlook, Word, Excel, and PowerPoint. Through hands-on course work, students will be able to integrate Word, Excel and PowerPoint. Students earning a C or better will earn 2 credits to FVTC. Students may receive a Microsoft Certification upon successful completion of an exam.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
INTRO TO BUSINESS & MARKETING	9-12	0.5	None	None

Introduction to Business is for the student who may be interested in pursuing a career in business or wants a general background of our economy and the operations of business. The course deals with topics of the economic environment, marketing, entrepreneurship, and global business. . This course provides a good foundation for students who wish to enroll in advanced business courses. Activities include projects, discussion, current event articles, and videos.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
MARKETING 1	9-12	0.5	None	None

This course is designed to enlighten students on valuable information they will use throughout their everyday life. Students will gain an understanding of the basic marketing concepts, economics, business and social responsibility, basic math skills, communication skills, promotional concepts, and the steps of the sale.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
MARKETING 2 – FVTC (ODD YEARS)	11-12	0.5	None	Marketing 1

The course emphasizes the interrelated aspects of a firm's marketing functions. These functions include but are not limited to: product and service strategy, marketing strategy and research, advertising and promotion, pricing concepts and practices and distribution strategies. The course will be taught through an engaging, long term project that allows students to develop their own marketing materials. Students earning a C or better will earn 3 credits to FVTC.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
DIGITAL MEDIA AND MARKETING	10-12	0.5	None	Marketing 1 or Intro to Business

It is becoming critical for businesses to integrate digital marketing efforts into their marketing strategies. Through this course, students will explore marketing-information collected and used to form marketing communications, understand the basics of digital marketing platforms, develop content for use in marketing communications, plan promotions for maximized effectiveness, evaluate results of promotions, and explore career choices in the digital marketing landscape.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
ACCOUNTING 1	10-12	1.0	None	None

Accounting is a systematic method of analyzing and journalizing business transactions, posting to ledgers, preparing and interpreting end-of-fiscal period financial statements for service and merchandising businesses. Students are introduced to computerized accounting and the use of special journals as they apply to accounting practices. The applications of sales tax, the formation of partnerships and corporations, payroll procedures, and accounts receivable and accounts payable are also studied. Accounting enables the students to intelligently handle their personal and business financial affairs as citizens, consumers, proprietors and/or investors.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
ACCOUNTING 2 - FVTC (EVEN YEARS)	11-12	0.5	None	Accounting I

Accounting 2 includes the keeping of business records, preparing and understanding financial reports for partnerships and corporations. Emphasis is placed on accounting for current and long-term assets, liabilities, and equity in publicly held corporations. Students are introduced to not-for-profit organizations, departmental and cost accounting for a manufacturing environment, vouchers, and cost controls. Personal income tax problems are also completed in both manual and computerized format. The major focus of the second term is the study of advanced accounting programs and applications using microcomputers and spreadsheets. Activities include individualized and group instruction, business simulations, manual and computerized accounting, workbook assignments, and guest speakers.

ENTREPRENEURSHIP

<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
11-12	1.0	None	At least one business class

Entrepreneurship & Business Management is designed for students planning a career in business. The students will directly apply business principles in the operation of the Mustang Locker Room (School Store). The classroom components include exposure to the forms of business ownership, human resources, sales, promotions, customer service, financial management, business plans, and a company development project. The work experience component includes training and employment in cash handling, marketing, personnel management, inventory, computerized accounting, order processing, and payroll calculation pertaining to the day-to-day operations of the school store. Activities include projects, field trips, and school store operations.

FINANCIAL LITERACY - FVTC	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
	11-12	0.5	None	None

This course approaches planning from the perspective of an individual who applies specific financial concepts and principles to setting financial goals, choosing a career, budgeting and cash flow management. Topics include: banking, types of credit, managing credit, insurance, investing, and budgeting.

***Independent Living** (FACE) will also fulfill the Financial Literacy graduation requirement.

FAMILY AND CONSUMER SCIENCE

Recommended Course Pathway

	Visual Arts and Design	Education and Human Services	Hospitality & Tourism
Year 1	Intro to Fashion & Interior Design	Intro to Education and Human Services	Culinary Arts 1
Year 2	Fashion and Interior Design 2	Education and Human Services 2	Culinary Arts 2 Multicultural Foods Baking and Pastry Arts
Year 3/4	Fashion and Interior Design 2	Education Policy: Truths and Myths	Culinary Arts 2 Multicultural Foods Baking and Pastry Arts

Family & Consumer Science department courses offer the opportunity for students to learn how to live in today's society and to be more successful in the future. The particular focus of these courses enables students to work through complex situations they may face and to make reasoned judgments and take appropriate action. The Family and Consumer Science Programs have two parts: The home component and the job component. The Fox Valley Technical College offers advanced standing to students who meet academic requirements after completing LCHS' Fashion and Design, Nutrition and Health Related Careers. To be eligible for advanced standing, students must enroll in a technical college degree program and present appropriate documentation of the completion of the high school course(s) which meets the conditions stated in the articulation agreement.

INTRO TO FASHION & DESIGN

Grade
9-12

Credit
0.5
Based

Course Fee
Project

Prerequisite
None

Intro to Fashion and Design is designed to introduce you to careers in the Visual Arts and Design Career Pathway. Basic elements and principles of design will be introduced and implemented throughout the course. Clothing and housing history, styles, future concepts as well as careers will be researched. You will also understand how to choose housing and home furnishing and fashion and apparel that will suit your future lifestyles and budgets. Students will learn to use fabrics and materials with technology and apply it to their daily lives and future careers. **Students are required to bring materials and supplies for projects in this class.**

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
FASHION & INTERIOR DESIGN 2	9-12	0.5	Project Based	Intro to Fashion & Interior Design

Fashion and Interior Design 2 helps to further prepare students for occupations related to the Visual Arts and Design Career Pathway with a focus on housing & fashion related careers. This course will also work to improve their skills as consumers of clothing and home furnishings. Students become self-directed learners as they apply information learned from Intro to Fashion & Interior Design, choose a focus and develop, create, and evaluate student led projects. **Students are required to bring materials and supplies for their own projects in this class. Students taking this class must have taken Intro to Fashion and Interior Design.**

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
INTRODUCTION TO CULINARY ARTS	9-12	0.5	None	None

Culinary Arts is a course for all students who would like to learn the basics of cooking. Students will be engaged in activities, labs, and projects that will teach them basic cooking techniques and procedures, food preparation terminology, how to read and alter recipes, proper food safety and sanitations, how to use equipment and utensils properly, ingredient substitutions, chemical reactions in foods, and menu planning.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
CULINARY ARTS 2	9-12	0.5	None	Introduction to Culinary Arts

Culinary Arts 2 prepares students for one of the fastest growing areas of future part-time and full-time careers. Students explore careers in the field of food service and will concentrate on skills and attitudes needed for successful employment in the food service industry. Students will become part of a "mini food production company" as they practice customer service skills, quantity food preparation, promotions, and food display. Course includes exploratory food labs.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
INTRO TO EDUCATION & HUMAN SERVICES	9-12	0.5	None	None

This course provides students with an introduction to careers in the Education and Human Services Career Pathway. The student will learn basic child development principles and information in order to increase understanding of how humans develop and grow physically, socially, intellectually, and emotionally. Students will be introduced to basic child care and parenting knowledge as well as skills which students can use now and in the future. The class provides a foundation for students interested in working with children in future career areas and provides an opportunity to demonstrate leadership, citizenship, and teamwork skills required for success in the family, workplace, and global community. Learning activities, parenting simulation, observation techniques, and lab experiences in working with young children may be included. This course is for students interested in *careers* in early childhood education, child care, elementary education, or *careers related closely to children* such as being a counselor, psychologist, pediatric nurse, etc.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
EDUCATION & HUMAN SERVICES 2	10-12	0.5	None	Intro to Education & Human Services

This course is designed for those interested in further exploring the Education and Human Services Pathway. Students will be involved in a fast-paced, hands-on curriculum where they gain knowledge about teaching and learning. Students will explore the qualities of effective teachers, different learning styles, educational philosophies, brain research, development skills, and practice speaking/presentation and teaching techniques. Students will have the opportunity to create, practice, and execute lesson plans they create as they work with students in our community through a drug and alcohol awareness and prevention program. **Students taking this course must have taken Intro to Education and Human Services.**

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
INDEPENDENT LIVING	10-12	0.5	None	None

Independent Living is designed to help students become aware of, understand, and practice the skills necessary to live on your own and to enable them to become wise consumers. Units relate to responsibilities of becoming a legal adult, consumer rights, and responsibilities, budgeting, credit, insurance, saving and investing, housing selection, and socialization and human relationships.

****Independent Living will fulfill the Financial Literacy graduation requirement***

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
MULTICULTURAL FOODS (EVEN YEARS)	9-12	0.5	None	None

Multicultural Foods students study a diverse range of foods from around the world and learn how food can affect culture as well as how culture can affect food habits. Emphasis is placed on the impact of foreign foods in American cuisine. One dinner is prepared for each cuisine studied. Students learn about food related meanings, food attributes and names, obtaining food and actions taken regarding food.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
BAKING & PASTRY ARTS (ODD YEARS)	9-12	0.5	None	Intro to Culinary Arts

In Baking and Pastry Arts, students will build upon the beginning baking skills learned in Introduction to Culinary Arts and learn to make a variety of yeast breads and quick breads with a focus on the scientific principles that yield the best-baked products. Students will also practice the preparation of different types of cookies, cakes, pastries, and key culinary techniques such as meringue production and egg tempering. Students will learn the scientific principles behind candy making as they prepare a variety of homemade candies and learn techniques for cookies, pies, cakes, pastries, gluten-free desserts, and specialized desserts. Students will practice plating eye-catching desserts and designing and decorating their own custom cakes for a special occasion. Science and math skills are reinforced through practical food lab experiences. This class is recommended for students planning to pursue a degree in the culinary or pastry arts as well as culinary enthusiasts. **Students taking this course must have taken Intro to Culinary Arts.**

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
Education Policy: Truths and Myths CAPP UW OSHKOSH \$\$**	11-12	1.0	\$\$ **	Intro to Education and Human Services

Interested in teaching as a profession? This is an introductory, 3 credit college-level education course through UW Oshkosh. This course provides you with an introduction to teaching as a profession in the US public education system. Students will learn what future educators need to know, understand and practice in order to one day become accomplished teachers. This will be accomplished through a study of social, political, and economic forces in U.S. Society that have a direct bearing on schools and education. A portion of this course includes working directly with students in elementary and intermediate schools within the district and provides the student with hands-on teaching experiences. **Students taking this course must have a 2.75 GPA**
\$\$ ** = This course will incur a fee of up to \$400 (approximate) which is a prorated portion of the UW Tuition as determined by LCASD.

Elem/Sec Ed 110 - Education Policy: Truths and Myths

LANGUAGE ARTS

Recommended Course Pathway

	Education and Human Services	Communications and Information Systems (Visual Arts and Design)	Business, Marketing, and Administration
Year 1	English 1	English 1	English 1
Year 2	English 2 and Communications	English 2 and Communications	English 2 and Communications
Year 3	American Literature AP Literature AP Language and Composition Creative Writing Literary Genres	American Literature AP Literature AP Language and Composition College Speech Creative Writing	American Literature AP Literature AP Language and Composition College Speech
Year 4	AP Literature and Composition AP Language and Composition OR Fundamentals of Composition	Heroes and Villains Publications AP Literature	Applied English AP English Language and Composition OR Fundamentals of Composition

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
ENGLISH 1	9	1.0	None	None

English 1 is a required course that emphasizes language skills. The course contains four basic language areas: literature, composition, grammar and usage, and speaking. The course centers around four themes: Empathy, Dreams and Aspirations, Leadership, and All for Love. Through the writing process, students practice the skills of composition, which includes experience with different types of writing. The revision process emphasizes the practice and review of grammatical skills.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
COMMUNICATIONS	10-12	0.5	None	None

Communications involves the study of the ways people communicate and how individual & group communication can be improved from the individual's standpoint. The purpose of communication, self-concept and interpersonal communication, listening, interpersonal communication, nonverbal communication and communication in groups are all areas of emphasis that will be covered in this course. Students will also learn about preparing and giving speeches as they will present three different types of oral presentations, demonstration, persuasive, and informative speeches. Logical organization is stressed during the writing and speaking phase of this course.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
APPLIED ENGLISH	11-12	0.5	None	English 2

Applied English is a course which allows the student to explore the language arts areas directly related to life after high school. The students examine today's labor market and consumer affairs. Job related oral and written skills along with those faced on the job are stressed. Forms of literature most often encountered in the work world are stressed. Students review grammar and usage skills necessary to compete in today's world.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
ENGLISH 2	10	1.0	None	English 1

English 2 is a required course that will focus on both fiction and nonfiction pieces. This course centers around six units: Reader's Workshop, Argumentative Writing, Taking a Stand, Book Clubs, Communication, and Human Connection. Students will get a closer look at comprehension strategies, writings with citations, and argumentative speaking and writing in regards to literature covered in class. They will read from a variety of literature formats.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
CREATIVE WRITING	11-12	0.5	None	English 2

Creative Writing is designed to provide students with the opportunity to explore the basic types of writing. Students begin the course learning how to apply essential writing skills such as organization, ideas, word choice, and voice then move into learning how to write and analyze the development of short stories, plays, memoirs, and poetry. Students write examples of each form and are required to maintain a journal. Basic grammatical and usage skills are reinforced throughout the course. The use of the writing process is emphasized. Students are required to read two novels, one for an assigned midterm assessment and one for a final assessment.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
FUNDAMENTALS OF COMPOSITION	12	0.5	None	American Lit AP Literature AP Language

Students are required to demonstrate competence in the basic forms of expository writing. Students are required to read two novels, one for a midterm assessment and one for a final assessment and form examples from both nonfiction and fiction works. Oral communication skills are used in discussion. Grammar and usage practice occurs through exercises and correction of a student's own weaknesses.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
LITERARY GENRES	11-12	0.5	None	English 2

Literary Genres is an English elective wherein the student explores a variety of literary genres and selects a particular literary discipline to study. Such possibilities could include Wisconsin Literature, Mystery, Science Fiction, or Historical Fiction. Students are required to fulfill a list of tasks that include a variety of written analyses, some oral presentations, related assigned readings, and researching the chosen category. This course is designed to encourage reading as well as allow the student to further explore material in which they are truly interested.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
AP ENGLISH – LITERATURE & COMPOSITION	11-12	1.0	Exam fee	None

AP English- Literature and Composition is a challenging course which focuses on reading, writing, and critically analyzing literature. This course is designed for the college-bound student with a strong command of reading and writing skills. Students will be evaluated primarily on their ability to read and analyze various pieces of literature. Units will include several novels, poetry, drama, and short stories. Reading will be assigned prior to the start of the course. Students who elect to take the AP exam in May, will be eligible for college credit. Approximate cost of the exam is \$96.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
AP LANGUAGE & COMPOSITION	11-12	1.0	Exam fee	None

This course focuses on building students' understanding and appreciation of how writers use their words to convey meaning and impact readers. The course engages students in becoming skilled readers of a variety of nonfiction prose written in a variety of rhetorical contexts and at a varying degree of difficulty, and in becoming skilled writers who compose for a variety of purposes. This course is skills-based and will prepare students to be successful on the AP Language exam and for college-level writing. The approximate cost of the exam is \$96.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
AMERICAN LITERATURE	11	1.0	None	English 2

This required course focuses on American Literature and society. Emphasis will be placed on the critical and analytical interpretation of American literary selections as they relate to the development of our country. Aside from reading the literature, students will focus on various writing assignments and conventional rules as they apply. The four units of study are America the Beautiful, The Classics, Individual and Society, and The American Dream.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
COLLEGE SPEECH - UWO	11-12	1.0	UW Tuition For college Credit (approx. \$400) and Purchase of Textbook	Communications and Must meet criteria

Fundamentals of Public Address (133) are the examination of the principles of oral message preparation and presentation. Students will prepare and present actual public communication. A University of Wisconsin Green Bay faculty member teaches this course. ***Students pay a prorated portion of the UW tuition as determined by LCASD to receive college credit. Students may be required to purchase a required text for the course.***

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
HEROES & VILLAINS	10-12	.5	None	English 1

The entertainment industry has done their best to provide society with an overwhelming amount of stories that tell the story from the antagonist's perspective (*Hook* or *Maleficent*, for example). What is the villain's side of

the story? What if everything we thought we knew was wrong? This course will seek to examine this issue from all sides. What makes someone a hero? What causes someone to be defined as a villain? Throughout this reading course, we will examine the idea of what it means to be a hero versus a villain in our culture, through comic books, graphic novels, fairy tales, short stories, novel excerpts, and news articles.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
APPLIED LITERACY	9-10	0.5	None	Staff Approval

Applied literacy is a supplemental class tied to English 9 and English 10 that uses a small group instructional setting to teach essential reading skills and concepts while also supporting individual student needs.

MATHEMATICS

Recommended Course Pathway

	Manufacturing, Technology, and Engineering	Health Services	Computer Science
Year 1	Algebra	Algebra	Algebra
Year 2	Geometry & Algebra 2	Geometry	Geometry PLTW: Computer Science Essentials
Year 3	AP PreCalculus or College Technical Math*	Algebra 2	Algebra 2 PLTW-Computer Science Principles
Year 4	AP Calculus	AP Pre-Calculus AP Statistics	AP Pre-Calculus

***Dual Credit Course**

ALGEBRA 1

<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
9	1.0	None	None

Students are introduced to the basic structure of Algebra. The following topics are covered throughout Algebra 1: functions, solving equations, writing and graphing equations of lines, properties of exponents, sequences, exponential functions, quadratic functions, and linear inequalities. Student evaluation is based on proficiency in content standards. Students should take this as their first math course in high school unless they have successfully completed Algebra (A or B average) in eighth grade.

A TI-84/84+ Graphing Calculator is required for this class.

GEOMETRY

<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
9-10	1.0	None	Algebra 1

Geometry explores the properties of points, lines, surfaces, and solids. This course includes: Methods of reasoning and proof, logic, parallel lines and planes, congruent and similar polygons, right triangle trigonometry, circles, and coordinate geometry. Student evaluation is based on proficiency in content standards. **A scientific calculator is required for this class.**

ALGEBRA 2

<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
10-12	1.0	None	Algebra 1 & Geometry

In Algebra 2, students will explore families of functions along with their characteristics. In addition, students will learn about solving systems of equations, inverse logarithms, trigonometric functions, and higher degree polynomials. **A TI-84/84+ Graphing Calculator is required for this class.**

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
AP PRECALCULUS/TRIGONOMETRY	10-12	1.0	Exam fee	Algebra 2

Precalculus is for students who are highly motivated and have a very solid foundation of Algebra 2 skills. This is a fast-paced class and students should plan on individual study time outside of class to master the skills and procedures presented in class. This course includes the study of functions, exponents and logarithms, circular functions, limits, periodic functions, rates of change, vectors and parametric equations, polar equations and complex numbers, and conic sections. Student evaluation will be based on proficiency in content standards. Precalculus is strongly recommended for college bound students.

A TI-84+ Graphing Calculator is required for this class.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
AP CALCULUS	10-12	1.0	Exam Fee	Precalculus & Trigonometry

AP Calculus investigates the key mathematical concepts of the function, the limit, the derivative, and the integral. These concepts are discussed from a geometric, numerical, and analytical perspective. These concepts are used to explore applications within the fields of mathematics, the physical sciences, engineering, the social sciences, and the biological sciences. Student evaluation will be based on proficiency in content standards. ***A TI-84/84+ Graphing Calculator is required for this class.***

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
FOUNDATIONS OF MATH WITH APPLICATIONS	10-12	1.0	None	Attempt Algebra 1 Geometry

Students will work with a variety of math concepts and how these concepts tie into real world applications. Just some of the concepts covered in this class: Working with Whole Numbers, Fractions, Decimals, Percents, Measurement, Scientific Notation, Linear and Exponentials, Useful Trigonometry, Surface Area, Volume. By the end of this course students should be introduced and have mastered a variety of math skills that can be used in everyday life, and the math skills needed for Various Trades. Topics include arithmetic fundamentals, percent and proportion applications, Signed numbers and formula evaluation. Equation solving and standard rule measurement units are also included.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
COLLEGE TECHNICAL MATH**	11-12	1.0	None	Geometry

College Technical Math includes solving linear, quadratic, and rational equations; graphing; formula rearrangement; solving systems of equations; percents; proportions; measurement systems; computational geometry; right and oblique triangle trigonometry; trigonometric functions on the unit circle; and operations on polynomials. Emphasis will be on the application of skills to technical problems. ***A scientific calculator is required for this class.***

**=FVTC Advanced Standing Course

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
MATH STRATEGIES ALGEBRA	9	0.5	None	Staff Approval

Math Strategies is a supplemental class tied to Algebra that uses a small group instructional setting to preview and review the mathematical essential skills, each day, prior to the students entering the general education classroom.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
MATH STRATEGIES GEOMETRY	10	0.5	None	Staff Approval

Math Strategies is a supplemental class tied to Geometry that uses a small group instructional setting to preview and review the mathematical essential skills, each day, prior to the students entering the general education classroom.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
AP STATISTICS	10-12	1.0	Exam Fee	Algebra 2

This is a college level course designed to give students a deeper understanding of the processes and rationale behind the collection and analysis of data. Students will be expected to go beyond calculations to interpret and explain methodology and results. Topics include: collection methods, pictorial and numerical descriptions of data, hypothesis testing, complex probability, and appropriate reporting of results. ***A TI-84/84+ Graphing Calculator is required for this class.***

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
PLTW: Computer Science Principles	10-12	1.0	Exam Fee	None

Computer Science Principles is the PLTW course that covers the College Board's CS Principles framework. Students work in teams to develop computational thinking and problem solving skills. Using Python® as a primary tool and incorporating multiple platforms and languages for computation, this course aims to develop computational thinking, generate excitement about career paths that utilize computing, and introduce professional tools that foster creativity and collaboration. This course can be a student's first course in computer science, although we encourage students without prior computing experience to start with Computer Science Essentials. CSP helps students develop programming expertise and explore the workings of the Internet. Projects and problems include app development, visualization of data, cyber security, and simulation. **Students that complete this course will qualify to take the Computer Science Principles AP Exam and earn college credit.**

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
PLTW: Computer Science Essentials	9-12	1.0	Exam Fee	None

PLTW CSE introduces students to coding fundamentals through an approachable, block-based programming language where they will have early success in creating usable apps that can be executed on their phones or tablets. As students sharpen their computational thinking skills, they will transition to programming environments that reinforce coding fundamentals by displaying block programming and text-based programming side-by-side. Finally, students will learn the power of text-based programming as they are introduced to the Python programming language. They'll apply computational thinking practices, build their vocabulary, and collaborate just as computing professionals do to create products that address topics and problems important to them.

PLTW: Cybersecurity	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
	11-12	1.0	Exam Fee	None

PLTW Cybersecurity is a full-year course that exposes high school students to the ever growing and far reaching field of cybersecurity. Students accomplish this through problem-based learning, where students role-play and train as cybersecurity experts. PLTW Cybersecurity gives students a broad exposure to the many aspects of digital and information security, while encouraging socially responsible choices and ethical behavior. It inspires algorithmic thinking, computational thinking, and especially, “outside-the-box” thinking. Students explore the many educational and career paths available to cybersecurity experts, as well as other careers that comprise the field of information security.

MANUFACTURING & ENGINEERING

Manufacturing & Engineering recommended course sequence by student grade. You may advance one grade level in sequence depending on academic standing.

Recommended Course Pathway

	Manufacturing	Science, Technology, Engineering, and Math	Architecture and Construction
Year 1	Foundations of Manufacturing and Engineering Metals 1* Woodworking 1 Mechanical Drawing 1*	PLTW: IED Foundations of Manufacturing and Engineering Metals 1* Woodworking 1 Mechanical Drawing 1*	Foundations of Manufacturing and Engineering Mechanical Drawing 1* Metals 1*
Year 2	Mechanical Drawing 1* Mechanical Drawing 2* Metals 1* Metals 2* Woodworking 1 Woodworking 2	PLTW: POE Mechanical Drawing 1* Mechanical Drawing 2* Metals 1* Metals 2* Woodworking 1 Woodworking 2	Mechanical Drawing 1* Architectural Design 1 Woodworking 1 Metals 1* Metals 2*
Year 3/4	Mechanical Drawing 2* Metals 2* CI Manufacturing Metals 3* Machine Tool* Youth Apprenticeship	Mechanical Drawing 2* Metals 2* Computer Integrated Manufacturing Metals 3* Machine Tool* Youth Apprenticeship	Mechanical Drawing 2* Woodworking 2 Metals 2* Metals 3* Youth Apprenticeship

***Dual Credit**

FOUNDATIONS OF MANUFACTURING & ENGINEERING	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
	9-12	0.5	\$25	None

FME is an introduction to the Manufacturing and Engineering courses available at LCHS. In the design portion of this course, students are introduced to Visualization and Technical Sketching techniques used to complete worksheets on CAD or graph paper. In the Metals Manufacturing portion of the course, students will be introduced to basic welding, simple cutting processes, and basic fabrication. Students will also produce a small welding project. In the Woodworking portion of this course, students will learn how to safely use tools and equipment to produce an item. Students may also work with drawing software to utilize the Laser Engraver and/or CNC (Computer Numerical Controlled) Router.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
METALS 1 - FVTC	9-12	0.5	\$40	Foundations of Manufacturing & Engineering

Metals 1 will provide students experience in welding, cutting processes, and basics of fabrication. A portion of this class will be the FVTC course Related welding, that covers the theory of welding processes. Students can earn 1 credit for FVTC. Students will focus their time in this course on welding techniques and basic welding joints using both GMAW(Wire-feed) and SMAW(Stick) processes. Students will apply the skills they learn in their fabrication projects.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
METALS 2 - FVTC	10-12	0.5	\$40+ Material Cost	Metals 1 & Mechanical Drawing 1

In Metals 2, the student continues their training in the Metalworking and fabrication field. Approximately ½ of the course will be the FVTC Intro and Safety Welding course as dual credit and free to the student. This will focus on the basics of welding safety and prepare them for the FVTC Welding program. The course will focus on enhancing their skills by welding in different positions and more complicated processes, as well as advancements in fabrication. Students will have a very large portion of the course dedicated to Projects in Metals 2 and those projects are tailored to meet the student's interests and career goals.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
METALS 3 – FVTC	11-12	1.0	\$50	Metals 2 & Instructor Approval

Metals 3 is 4 credits of FVTC welding courses; Welding Print Reading, Welding Symbols, and GMAW Techniques 1. This will be taught as dual credit and the credits are free for the student. Students that take both Metals 2 and Metals 3 and pass all FVTC courses will receive the Basic GMAW Welder Certificate from FVTC. This course will be a semester long for a block. Students will visit FVTC to test welds and work through some of the Labs. Students will only work on projects if time permits.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
WOODWORKING 1	9-12	0.5	\$55	Foundations of Manufacturing & Engineering

Woodworking 1 is an entry level course where students will gain experience in safety training and proper use of machinery. Students will learn to crosscut, rip, joint, plane, and surface material. While developing these skills, students will create a useful project in a manufacturing-style environment.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
WOODWORKING 2	10-12	1.0	Cost of Materials for Project	Woodworking 1 Mechanical Drawing 1

Woodworking 2 is an advanced course that deals with design elements and quality construction. Advanced joinery and machine set-ups are discussed and used where appropriate. Students have access to all drawing

software used for the CNC (Computer Numerical Controlled equipment) Router and Laser Engraver. During this course students will design, plan, and construct a project of their choosing.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
COMPUTER INTEGRATED MANUFACTURING	10-12	0.5	\$40+ Cost of Materials	Mechanical Drawing 1

This course is designed to help students develop the skills and knowledge in Computer Integrated Manufacturing. Students will develop skills in Computer Aided Design (CAD), Computer Aided Manufacturing (CAM), Computer Numerical Control (CNC), and machine operation. Students will work with a variety of computer controlled equipment and learn, set-up, design, and operation of each machine. Students will get experience with laser engraving, 3-D Printing, Vinyl cutting and CNC Machines.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
MECHANICAL DRAWING 1 – FVTC	10-12	0.5	None	Foundations of Manufacturing & Engineering

Mechanical Drawing 1 concentrates on developing basic design skills. Units covered include sketching, instruments, lettering, symbols, geometric construction, orthographic projection, and pictorial drawings. Students that have successfully completed Mechanical Drawing I with a minimum grade of a "B" will receive 1 (Free of Charge) "Dual Credit" with Fox Valley Technical College. These FVTC course is:

10-606-151	Sketching and the Design Process	1 credit
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	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
MECHANICAL DRAWING 2 – FVTC	10-12	0.5	None	Mechanical Drawing 1

Mechanical Drawing 2 is a continuation of Mechanical Drawing 1. Units covered include dimensioning, auxiliary views, section views, assembly drawings, detail drawings, as well as a design project. Students who have successfully completed Mechanical Drawing 2 with a minimum grade of a "B" will receive 1 (Free of Charge) "Dual Credit" with Fox Valley Technical College. This FVTC course is:

10-606-152	CAD (Computer Aided Design) and Geometric Constructions	1 credit
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	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
ARCHITECTURAL DESIGN 1	10-12	0.5	None	Foundations of Manufacturing & Engineering

Architectural Design 1 concentrates on the study of residential design and construction. Students will design a set of plans. The plans include presentation drawings, electrical plans, roofing plans, and elevation drawings.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
MACHINE TOOL JUMP START – FVTC	11-12	0.5	\$25	Metals 1

A specialized program with FVTC, where the student receives college credit and gets an early start in the Machining field. Courses include: Measurement and Benchwork 1, Engine Lathe 1, and Blueprint Reading for MTO.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
PLTW: Intro to Engineering Design (IED)	9-12	1.0	None	None

Students are introduced to the engineering design process, applying math, science, and engineering practices to identify and design solutions to a variety of real problems. They work both individually and in collaborative teams to develop and document design solutions using engineering notebooks and 3D modeling software.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
PLTW: Principles of Engineering (POE)	10-12	1.0	None	PLTW IED

This course introduces students to engineering concepts that are applicable to a variety of engineering disciplines and empowers them to develop technical skills through the use of engineering tools such as 3-D modeling software, hands-on prototyping equipment, programming software, and robotics hardware to bring their solutions to life. Students apply the engineering design process to solve real-world problems across a breadth of engineering fields such as mechanical, robotics, infrastructure, environmental sustainability, and product design and development.

PERFORMING ARTS

Recommended Course Pathway

	Communication	Human Services and Education
Year 1	Symphonic Band Mustang Chorale Music Theory 1 Life in Music Career Exploration	Symphonic Band Mustang Chorale Music Theory 1 Life in Music Career Exploration
Year 2	Symphonic Band Mustang Chorale Music Theory 2 Life in Music Career Exploration	Symphonic Band Mustang Chorale Music Theory 2 Life in Music Career Exploration
Year 3	Wind Ensemble Mustang Chorale Chamber Singers Music Theory 1 Life in Music Career Exploration	Wind Ensemble Mustang Chorale Chamber Singers Music Theory 1 Life in Music Career Exploration
Year 4	Wind Ensemble Mustang Chorale Chamber Singers Life in Music Career Exploration	Wind Ensemble Mustang Chorale Chamber Singers Life in Music Career Exploration

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
LC SYMPHONIC BAND	9-12	1.0	\$50 Percussionists \$100 for Musicians Playing school owned Instruments	Prior MS/HS band program experience or consent of Instructor

The LC Symphonic Band is a year round, instrumental ensemble that focuses on building comprehensive musicianship skills through performance. Although the group is non-audition, students must have prior experience in the LCMS Band Program OR consent of the instructor. The instrumentalists will develop skills in music reading and tone production. The LCSB members will demonstrate their skills in a variety of performances and activities throughout the school year including a Homecoming halftime routine, winter and spring concerts, solo ensemble, parades and pep band appearances for athletic events. Please note: Student interest in LC Symphonic Band and Mustang Chorale can work out a Day1/Day 2 schedule with the instructors.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
WIND ENSEMBLE	9-12	1.0	\$50 Percussionist \$100 for musicians playing school instruments	Audition & prior band experience

The Wind Ensemble is a year round, advanced, instrumental ensemble. Prerequisites include past band experience and audition. Performances include Homecoming halftime routine, winter and spring concerts, solo ensemble, parades and pep band appearances for athletic events. These instrumentalists will perform advanced concert band literature. Further development and study of intonation, rhythm, tone production and sense of ensemble is the main focus of this class.

Please note: Students interested in Wind Ensemble and LC Chamber Singers can work out Day 1/Day 2 schedule with the instructors.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
MUSTANG CHORALE	9-12	1.0	None	None

The Mustang Chorale is a year round, non-auditioned, mixed (men and women) choral ensemble that focuses on building comprehensive musicianship skills through performance. These singers will develop skills in music reading, vocal production, and sight-singing. The Mustang Chorale will demonstrate these skills in four public performances each year, including the *Autumn Choral Concert*, *Winter Concert*, *Pops Concert* and *Spring concert*. Mustang Chorale is a semester course that is offered throughout the entire year. Students are encouraged to participate in the group for the entire academic year, however it is not required. Note: Students interested in LC Symphonic Band and Mustang Chorale can work out a Day 1/ Day 2 schedule with the instructors.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
LC CHAMBER SINGERS	9-12	0.5/sem	None	Audition

The LC Chamber Singers is an advanced mixed(men and women) choral ensemble. These singers will sing highly advanced choral literature from many diverse styles and musical periods. The LC Chamber singer will also build upon skills previously learned in other vocal ensembles by exploring historical backgrounds of pieces and advanced sight-reading skills. Students need to audition in the spring for the fall semester and in the fall for the spring semester

Please note: Students interested in Wind Ensemble and LC Chamber Singers can work out a Day 1/Day 2 schedule with the instructors.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
LIFE IN MUSIC: CAREER EXPLORATIONS	9-12	0.5	None	None

This course is specifically for students considering the music career pathway. In this course, students design their own curriculum based on their chosen pathway in music. Through a Project Based Learning format, students will be able to explore their content, experience unique career opportunities, and delve deep into the field they wish to pursue. Suggested areas of study are: Music Education, Music Performance, Music Business/Marketing, Music Therapy, Sound Engineering/Music Producing, Music Ministry, Composition, and Conducting. Other areas of study can be discussed and determined on a case to case basis. Contact Mrs. Dyble with any questions.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
MUSIC THEORY	9-12	0.5	None	None

Have you ever wondered about the inner workings of music? Explore the depth of music in this introduction to music theory course. In this class, you will experience sound in its fullest form. Through listening, writing, and discussing music, you will be exposed to the framework in which all music is created. Whether you play an instrument, sing, compose, or are an avid music listener, this course will provide a next level musical experience that will be sure to enhance your understanding and appreciation of music. While this is an introductory course, be advised that this is a rigorous course.

PHYSICAL EDUCATION & HEALTH

Recommended Course Pathway

	Health and Science	Education and Human Services
Tier1	Health Class	
Tier 2	Intro to Strength and Conditioning	
Tier 3	Advanced Strength and Conditioning	Lifetime Activities

One and one-half (1-1/2) credits of Physical Education are required of every student to meet graduation requirements over the course of 3 years. A written medical excuse from the doctor and the PE Health Examination form must be completed for medical conditions/emergencies lasting more than 1 day. During the term of the medical excuse, the student must report and remain in class unless the instructor and/or administration have made other arrangements. Medical absences are dealt with on an individual basis. Students on medical leave need to make up the days at the teacher's discretion. They may include, but are not limited to cardio, paper(s), projects, or assisting in the class in some way. In most cases, make-up days will be made up at the discretion of the instructor.

TIER 1

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
PE 9-10	9-10	0.5	None	None

This is an introductory course, intended to lay the foundation of future team sports. Units of study are personal fitness, soccer, basketball, volleyball, and the last unit will be determined by space, weather, and student interest. Students will create and manage a SMART Goal during the course. Students will be expected to change for this course when appropriate.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
INTRO TO PERSONAL FITNESS/ STRENGTH & CONDITIONING	9-12	0.5	None	None

Introduction to Personal Fitness will allow students to understand the influence that health and fitness have on your lifestyle.. Students will create a plan to improve present fitness levels. The introduction of the 5 components of fitness, the F.I.T.T. principle will be used to help create these individual programs while improving the physical, social, cognitive and mental well being of the students. The other offering within the class is the Intro to Strength and Conditioning portion. This section is geared towards athletes who want to maintain their athletic fitness/strength levels while they are in season. Students will create and manage a SMART Goal during the course. Students will be expected to change for this course when appropriate. Students will have individualized workouts created to manage their strength, agility, explosiveness, fitness levels, and athletic abilities. Additional emphasis will be placed on muscle, bone and exercise identification, along with proper safety protocol within the Fitness Center. ***Students will need to have access to a**

phone/chrome book to be able to download our PLT4M app.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
RACQUET SPORTS	9-12	0.5	None	None

Racquet sports will expose students to a variety of racquet sports to help students understand the line between physical activity and good health. The sports included in this course will be badminton, pickleball, eclipse ball, and table tennis. Students will create and manage a SMART Goal during the course. Students will be expected to change for this course when appropriate.

TIER 2

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
TEAM SPORTS	10-12	0.5	None	PE 9-10

Team Sports offers students a variety of team sports to help them understand the line between physical activity and good health. The sports included in this course will be volleyball, basketball, flag football, and soccer. Student interests will determine other team sport units. Students will create and manage a SMART Goal during the course. Students will be expected to change for this course when appropriate.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
ADVANCED STRENGTH & CONDITIONING	9-12	0.5	None	Intro to Strength/ Summer Strength & Conditioning

Advanced Strength and Conditioning is a course geared to minimize the risk of injury and adequately prepare the student athlete for the demands of competition. The course will improve joint stability, joint range of motion, increase muscular strength, power, enhance movement mechanics and increase energy system functions. Advanced Strength and Conditioning will build on previously learned training methods taught in Intro to Strength and Conditioning. This class provides an excellent opportunity for a student athlete not in a current sport to have daily workouts in speed, mobility, agility and strength to better prepare them for their upcoming season. Students will track their progress through their individualized programs and scheduled assessments. This course is made for any student athlete who wants to compete at a high level and continuously look for ways to improve his/her athletic performance. Advanced Strength and Conditioning requires students to maxout in exercises including the bench, squat, hang clean, and hex bar deadlift. Students will be assessed on their daily activities in class, their exercise technique, safety practices, understanding of basic movement concepts. Additional emphasis will be placed on muscle, bone, exercise identification, movement concepts and select biomechanical vocabulary. ****Students will need access to a phone/chrome book to utilize our PLT4M app.***

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
PHYSICAL EDUCATION IV	10-12	0.5	None	TIER 1

PE IV focuses on lifetime activities. Activities include team handball, broomball, speedball, volleyball, and ultimate frisbee/football and gatorball. Students will create and manage a SMART Goal during the course. Students will be expected to change for this course when appropriate.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
LIFETIME ACTIVITIES	11-12	0.5	None	TIER 1

A physical education class geared towards exposing students to various lifetime activities. and fitness activities available today. Students in this class will have fun exploring trendy new games such as Ladder Ball, Bean Bag Toss, Bottle Battle, Disc Golf, Indoor Tennis, Volleyball, etc. Beyond these trendy games, students will participate in lifetime fitness activities such as Yoga, Crossfit Training, Pilates, Zumba, and other fitness trends. Students will create and manage a SMART Goal during the course Students will be expected to change for this course when appropriate.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
HEALTH	9-12	0.5	None	None

Health is a required class that covers a broad spectrum of health-related topics to help make students aware of the causes of mental and physical illnesses and their prevention, and demonstrates how lifestyle, perceptions, and decisions affect health. Areas of study include: Mental and Emotional; Growth and Development; Nutrition; Personal Health and Physical Activity; Substance Use and Abuse; Sexuality Education; Communicable and Chronic Diseases; Safety and Injury Prevention; Consumer, Community and Environmental Health. The course may be taken as an elective by any other students.

SCIENCE

Recommended Course Pathway

	Agriculture, Food and Natural Resources	Health Services	Manufacturing, Technology and Engineering	Business Marketing and Administration	Human Services and Education
Tier 1	Physical Science Biology	Physical Science Biology PLTW: PBS	Physical Science Biology	Physical Science Biology	Physical Science Biology
Tier 2	Ecology and Environmental Science Food and Exercise Science Chemistry Earth Science	Chemistry Anatomy Physiology Food and Exercise Science PLTW: HBS	Physics Chemistry	Earth Science	Ecology and Environmental Science
Tier 3	AP Biology AP Chemistry	AP Biology AP Chemistry Physics PLTW: MI	AP Biology AP Chemistry		

PHYSICAL SCIENCE

Grade
9

Credit
1.0

Course Fee
None

Prerequisite
None

Physical Science is designed to strengthen scientific reasoning skills, measurement techniques, and safety procedures in the area of physics and chemistry. Physics topics include kinematics (describing speed and acceleration), dynamics (forces and 2D motion), "wave mechanics, (general properties, acoustics and EM radiation) and energy (forms and transfer)." Chemistry topics include atomic structure, the periodic table trends, chemical bonds and reactions. Students also investigate the connections between science technology and society. ***A scientific calculator is required for this class.***

BIOLOGY

Grade
9-10

Credit
1.0

Course Fee
None

Prerequisite
None

Biology investigates the facts of biology, concepts, and processes of life through a survey of general biology, and encourages critical thinking, decision-making, and relating of modern biological concepts to the world in which we live, including current events and problems. Topics discussed include molecules to organisms, inheritance, cells and body systems, natural selection, energy, and ecology. Evaluation is based on daily work, quizzes, labs and lab practical exams, individual written research papers and projects, and oral presentations.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
ECOLOGY & ENVIRONMENTAL SCIENCE	11-12	0.5	\$15 Field Trips	Biology

Ecology and Environmental Science explores the relationships between organisms and their nonliving environment. Emphasis is on exploring the influence of human activity (i.e., pollution, fertilizer run-off, etc.) on local waterways with a discussion of how to make smart environmental decisions. Specific course topics include: General ecology and biomes, biogeochemical nutrient cycles, aquatic ecosystems and basic limnology, water pollution, and environmental ethics. Student evaluation is based on participation in field trips, exams, projects, current event presentations, labs, papers, debates, service projects, and a final group research presentation. **PLEASE NOTE: SINCE FIELD WORK IS SUCH AN IMPORTANT AND UNIQUE ASPECT OF THIS COURSE, ATTENDANCE ON ALL FIELD TRIPS IS REQUIRED. FURTHERMORE, SOME FIELD TRIPS MAY REQUIRE STUDENTS TO PROVIDE AQUA SHOES OR KNEE-HIGH RUBBER BOOTS FOR THEIR OWN USE.** Fall and spring sports participants must consult their instructor before enrolling to discuss potential early release/field trip conflicts.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
CHEMISTRY	10-12	1.0	None	Algebra 1, Biology

Chemistry is an advanced science class which investigates both the composition of substances and the changes which take place in their composition. The various forms of matter and their physical and chemical properties will be discussed. This class will deepen and expand student's knowledge and understanding of the physical phenomena that surround them on a daily basis. Students will learn much of the content through inquiry based experiments and hands-on laboratory activities. Topics to be discussed include the classification of matter, atomic and chemical periodicity, chemical calculations, metals and nonmetals, gas laws, and heat exchange. Students will be assessed using exams, quizzes, projects, daily assignments, textbook activities, and experimental write-ups. **A scientific calculator is required for this class.**

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
AP CHEMISTRY	11-12	1.0	Exam Fee	Chemistry Algebra 2

The AP Chemistry course covers all first year college general chemistry concepts. Chemical concepts from high school chemistry are expanded upon. New topics include rate law, chemical equilibria, acid-base chemistry, thermodynamics, and electrochemistry. This course will prepare students for college level rigor, keeping a lab notebook, and conducting advanced analytical chemical experiments. Students interested in entering the scientific, medical, and engineering fields are encouraged to take the course. The course culminates in the AP Chemistry national test in early May. Concurrent enrollment or completion of Algebra 2 is required.

A scientific calculator is required for this class.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
PHYSICS	10-12	1.0	None	Algebra 2, Biology

Physics relates to the physical everyday world and the general laws and forces, which govern the universe. Physics is taught from a mathematical and conceptual perspective, balanced in a way to benefit both those interested in the subject itself and those interested in engineering and health careers. Areas of study include: Kinematics (describing motion), dynamics (forces and projectiles), universal gravitation, energy propagation

(heat transfer and waves mechanics), and some modern physics including relativity. Lab investigations include a variety of materials ranging from computer probes to water balloon launchers. Student evaluation is based on daily assignments, lab research, lecture, discussion, quizzes, chapter tests, and term projects.

A scientific calculator is required for this class.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
AP BIOLOGY	10-12	1.0	Exam Fee	Biology, Algebra 1

AP Biology is for those students intending to major in this field or related areas. This course differs significantly from the "regular" biology course with respect to the range and depth of material to be covered.

The textbooks and required laboratory activities are equivalent to those found in today's college classrooms, and the workload should be understood to be up to a college standard. Students will spend at least 25% of class time completing lab investigations. AP Biology will provide students with the factual knowledge, conceptual framework, and analytic skills necessary to deal critically with the rapidly changing science of biology. Students who obtain a score of 3 or better on the AP exam in May could receive college credit for the class.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
EARTH SCIENCE	10-12	1.0	None	Physical Science Biology

Earth Science explores concepts of scientific inquiry, mapping, geology, astronomy, and meteorology. . Students participate in research projects, hands-on activities, and various content delivery opportunities to investigate the big topics of Earth Science. The course is a broad survey of topics including Earth's interior layers, the solar system, earthquakes and volcanoes, rocks and minerals, weather, stars and galaxies, and many more. The interactions and impacts of human use of Earth's resources will also be discussed.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
HUMAN ANATOMY & PHYSIOLOGY	11-12	1.0	None	Biology Chemistry (strongly encouraged)

Human Anatomy and Physiology presents the structure and function of the human body, designed particularly for students interested in a career in the health or medical field. Emphasis on specific body organ systems is explored through a variety of hands-on dissections, including a year-long dissection of the fetal pig.

Furthermore, enrolled students will have the opportunity to work with real human cadavers at St. Norbert College. Student assessment is based on exams, project-based work, lab practicals, research papers, peer reviews, and a life-size paper human model.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
FOOD & EXERCISE SCIENCE	11-12	0.5	None	Biology

This course is designed for any student with the desire to learn more about the science behind food, in addition to exercise physiology. Students will learn about various nutrition topics, including: calories and calorimetry, the science of various macronutrients (carbohydrates, proteins and lipids), the efficacy of fad diets, and the scientific basis of various "healthy foods" and types of exercise. Assessment is based on a constructivist model, wherein students become active participants in their learning by participating in various

health and fitness activities, delivering super food and workout presentations, and completing various projects that have students demonstrate what they're learning.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
PLTW: PRINCIPLES OF THE BIOMEDICAL SCIENCES	9-12	1.0	None	None

From design and data analysis to outbreaks, clinical empathy, health promotion, and more, students explore the vast range of careers in biomedical sciences. They develop not just technical skills, but also in-demand, transportable skills that they need to thrive in life and career.

*Pre-Requisites: Required of all first-year Health Science students

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
PLTW: HUMAN BODY SYSTEMS	10-12	1.0	None	PLTW Principles Biomedical Sciences

Students experience real-world scenarios and cases to see medicine in action – as they diagnose and provide treatment and rehabilitation to patients at an outpatient center, keep clients safe and healthy on adventure medicine trips in remote locations, and work in a research center to design laboratory investigations to explore development and aging.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
PLTW: MEDICAL INTERVENTIONS	11-12	1.0	None	*Yes

Students investigate a variety of interventions involved in the prevention, diagnosis and treatment of disease as they follow the life of a fictitious family. The course is a "How-To" manual for maintaining overall health and homeostasis in the body. Students explore how to prevent and fight infection; screen and evaluate the code in human DNA; prevent, diagnose and treat cancer; and prevail when the organs of the body begin to fail. Through these scenarios, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics.

*Prerequisites: Biology and Chemistry. PLTW-PBS and PLTW-HBS recommended.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
MEDICAL TERMINOLOGY - FVTC	11-12	1.0	\$300	None

Focuses on the component parts of medical terms: prefixes, suffixes and word roots. Students practice formation, analysis and reconstruction of terms. Emphasis on spelling, definition and pronunciation. Introduction to operative, diagnostic, therapeutic and symptomatic terminology of all body systems, as well as systemic and surgical terminology.

SOCIAL STUDIES

Recommended Course Pathway

	Health Services	Education and Human Services	Business, Marketing, and Administration
Tier 1	World History Global Studies American History	World History Global Studies American History	World History Global Studies American History
Tier 2	Economics Psychology AP Psychology AP United States History Current Events	Economics Psychology AP Psychology AP United States History Current Events Political Science	AP World History Economics Psychology AP Psychology AP United States History Political Science

WORLD HISTORY

Grade
9

Credit
1.0

Course Fee
None

Prerequisite
None

World History is a required freshman course. This course focuses on the history of the civilizations of the Eastern Hemisphere, with an emphasis on the cultures of Western Europe. The social studies concepts of history, geography, economics, and political science are introduced and explored throughout the course. The course is designed to help students develop an understanding of the creation of civilization and important events throughout the world that have lead us to the current status of the world today. **A student may take AP-World History in place of this course based on teacher / student discretion.**

AP WORLD HISTORY

Grade
9-12

Credit
1.0

Course Fee
Exam Fee

Prerequisite
None

The AP World History course focuses on developing students' understanding of world history from approximately 8000 BCE to the present. The course has students investigate the content of world history for significant events, individuals, developments, and processes in six historical time periods, and develop and use the same thinking skills and methods employed by historians when they study the past. The course also provides five themes (interaction between humans and the environment; development and interaction of cultures; state building, expansion, and conflict; creation, expansion, and interaction of economic systems; development and transformation of social structures) that students explore throughout the course in order to make connections among historical developments in different times and places encompassing the five major geographical regions of the globe: Africa, the Americas, Asia, Europe, and Oceania. ***9 eligible at teacher / student discretion.**

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
CURRENT EVENTS	10-12	0.5	None	None

Current Events enhances and develops an awareness and appreciation of the "current issues" that shape our world. Current events are interpreted through a historical framework with an awareness of political relevancy. Local, national, and global issues will be analyzed from cultural, economic and social perspectives. The text includes a weekly newsmagazine, a daily newspaper and electronic media (CNN, Internet, etc.)

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
ECONOMICS	10-12	0.5	None	None

This course will give the students a greater understanding of economics ranging from the viewpoint of the individual consumer or small business owner to the global economy. The course will study the law of supply and demand, forms of business, labor unions, government finances and influence on the economy, money and prices, inflation and deflation cycles. The course relates history and politics to the study of economics.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
POLITICAL SCIENCE	10-12	0.5	None	None

Political Science will be offered in the first term of election years as it lends itself to the examination and discussion of campaigns and issues that will seem much more relevant to students during those terms. It should also be offered in the Block format to fit the time frame of elections. Political Science develops an awareness and knowledge of the structure and operation of the American political system. The course is designed to provide students with hands-on activities, role play exercises, and discussion opportunities to help develop this understanding of the political process. Students will engage in debates, a mock election, and have opportunities to examine their political views, as well as how closely politician candidates and parties align to those views. Political Science provides an opportunity to understand the various methods students can engage in civic participation and make a difference in society.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
PSYCHOLOGY	10-12	0.5	None	None

This course provides the students with an opportunity to increase his/her knowledge of human behavior and cognitive processes each individual displays. Introduction to Psychology focuses on human development and discovering the world through cognition, thinking, memory, and intelligence. Topics explored will be: Historical Origins of Psychology, Psychological Methods, Biology and Behavior, Sensation and Perception, Consciousness (Sleep, Dreams, Sigmund Freud, and Hypnosis, Learning (Operant v. Classical Conditioning). Memory and its Stages, and Psychological Disorders (Schizophrenia, Mood Disorders, Dissociative, Somatoform and Anxiety Disorders).

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
SOCIOLOGY	10-12	0.5	None	None

Sociology is an elective course that studies human society and social behavior. Positive human relationships are an essential part of a civilized society and how we interact with each other and solve problems in our world. "Sociology teaches us to look at life in a scientific, systematic way." The way that we view the world comes from what we learn in our everyday activities. "The values, beliefs, lifestyles of those around us, as well as historic events help to mold us into unique individuals who have varied outlooks on social reality." This course deals with the social atmosphere that helps to make us who we are and how we behave. Sociology will cover topics such as culture, deviance, social control, socialization and personality, group behavior, and social

institutions. The key component of this course is to study ourselves and the society that influences our behavior. Sociology is an activity, discussion based course.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
GLOBAL STUDIES	10	0.5	None	World History

Global Studies is a required class for all 10th graders. If a student takes AP World History as a freshman or sophomore, he/she does not have to take this course. In this required course, students will research and analyze non-western regional geography and historical backgrounds. This course is designed to explore current issues facing non-western world countries. The course also explores the issue of America's connectedness to these countries and actions necessary to create a better global environment. Issues include economic globalization, environmental and humanitarian concerns, as well as conflict and terrorism. **Students must also take 1 other elective (0.5 credits) from other Social Studies during 10th grade.**

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
AMERICAN HISTORY	11-12	1.0	None	Successful completion of 10 th grade Requirements

Semester 1 (Pre-Columbian 1492 to the Industrial Revolution 1870's) is a required course for all 11th graders. This 0.5 credit course will encompass the major events and concepts that occurred over 400 years of what is known as American History. Students will critically think about the intellectual, social, political and economic development from this time period of history.

Semester 2 (American Imperialism to modern American Issues) is a required course for all 11th graders. This 0.5 credit course will encompass the major events and concepts that have developed over the past 140 years of our nation's past. Students will critically think about the intellectual, social, political and economic development from this time period of history.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
AP US HISTORY	10-12	1.0	Exam Fee	None

This AP United States History course is a two-semester survey course designed on the model of college- level surveys. The primary goal of the course is to prepare students to earn college credit by earning a passing score on the AP United States History exam. The course covers the history of the United States from the first British settlement at Jamestown in 1607 through the 1980s. Solid reading and writing skills, along with a willingness to devote considerable time to homework and study, are necessary to succeed. Emphasis is placed on critical and evaluative thinking skills, essay writing, interpretation of original documents, and historiography.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
AP PSYCHOLOGY	10-12	1.0	Exam Fee	*See Below

***It is recommended that you take regular Psychology & Biology before taking AP Psychology**
The purpose of the AP course in Psychology is to introduce the systematic and scientific study of the behavior and mental processes of human beings and other animals. Included is a consideration of the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. Students also learn about the ethics and methods psychologists use in their science and practice. Coursework in biology and regular psychology are helpful, but not a requirement. Admission to the course is based on teacher approval and an academic history consistent of a student on a college-preparatory path.

VISUAL ARTS

Recommended Course Pathway

	Communication and Information Systems	Human Services and Education	Manufacturing, Technology, & Engineering	Information & Technology
Year 1/2	Art 1 Art 2 Animation	Art 1 Art 2	Art 1 Art 2	Art 1 Art 2 Animation
Year 2/3	Art 2 Digital Art Digital Photography 2D Art 3D OR Ceramics	Art 2 2D OR Drawing & Painting 3D OR Ceramics	Art 2 2D 3D	Art 2 Digital Art Digital Photography 2D 3D OR Ceramics
Year 3/4	Printmaking 3D or Ceramics Independent Art (with instructor approval)	Digital Art OR Digital Photography Independent Art (with instructor approval)	2D Printmaking 3D/3D Advanced	Digital Photography 3D/3D Advanced Printmaking Digital Art Independent Art (with Instructor approval)
Additional Electives	3D Advanced Drawing & Painting Independent Art (with instructor approval)	Printmaking 3D Advanced Independent Art (with instructor approval)	Digital Art Ceramics Independent Art (with instructor approval)	Drawing & Painting Independent Art (with instructor approval)

ART 1

Grade
9-12

Credit
0.5

Course Fee
\$25

Prerequisite
None

Art 1 is a general overview of art and is for the student desiring a basic knowledge of good design and the elements and principles of art. It is also beneficial for students pursuing any of the art related career pathways and is also required for all students who want to take other art classes. Students will hone basic drawing skills and will be introduced to color theory, perspective, painting and painting techniques, basic sculptural techniques, etc. Projects may include sketches, drawings, paintings, watercolors, clay projects, etc. They will use a sketchbook in class. Emphasis will be placed on the creative process.

ART 2

Grade
9-12

Credit
0.5

Course Fee
\$25

Prerequisite
Art 1

Art 2 is a continuation of Art 1 recommended for students with a general interest in art. It is also beneficial for students pursuing any of the art related career pathways and is required for all students who want to take other art classes. The elements and principles of design are reviewed and an overview of art history from Ancient to Modern Man is studied. Art 2 projects may include: drawings, printmaking, clay relief sculptures,

watercolor and acrylic media. Students will use a sketchbook in class. Emphasis will be placed on the creative process.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
DIGITAL ART	9-12	0.5	\$10	Art 1

Students will use computers, hardware, software, internet, and other media resources to create original and unique artworks as they learn how to use computers as their studio/canvas. They will learn the elements and principles of art in relation to the digital world, experimenting with composition, layout, typography, graphic design, and incorporating studio arts into the digital realm. A brief overview of how digital art and design has changed over the course of the past several decades will be explored.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
ANIMATION	10-12	0.5	\$20	Art 1, Digital Art

This course is a beginner level animation course that will cover the history of animation, as well as various animation processes, software applications, and integrated technology. Students will focus on four main types of animation over the course of the semester including cel, pixilation, stop motion, and computer animation.

ADVANCED VISUAL ART SEQUENCE

The advanced art sequence is for the serious art student who may pursue additional career training in technical school or college in commercial art, the printing and publishing industry, architecture, drafting, interior design, fashion design or merchandising, advertising, or public relations as a graphic designer, photographer, industrial designer, in the fine arts, in museum work, or in art education.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
2-DIMENSIONAL ART	10-12	0.5	\$30	Art 1 & Art 2

2-Dimensional Art emphasizes the relationship between drawing, painting, and mixed media design. The student will study compositional design and fine art appreciation focusing on two main branches of art: realism and abstraction. Projects will include work with pencil, pen/ink, pastels, watercolors, acrylic and/or oil painting techniques. Students are strongly encouraged to display art. Students will use a sketchbook in class. The creative process is required as part of their project planning.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
3-DIMENSIONAL ART	10-12	0.5	\$30	Art 1 & Art 2

3-Dimensional Art continues studies in composition and design with an emphasis on three-dimensional space. Sculpture in art history is reviewed and students are introduced to past and contemporary three-dimensional artists and their work. Projects may include: handmade paper, plaster, plaster gauze, large scale cardboard, papier mache', and wire. Students are strongly encouraged to display art. Students will use a sketchbook in class. The creative process is required as part of project planning.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
3-DIMENSIONAL ADVANCED	10-12	0.5	\$35	3D Art

3-Dimensional Art-Advanced includes more activity in detailed assemblages. Constructions of mobiles/kinetic sculpture, plaster, and clay sculptures will be explored. Basic jewelry making and stained glass designs, along with glass etching details, will be studied. Students are strongly encouraged to display art. They will use a sketchbook in class. The creative process is required as part of project planning.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
DRAWING & PAINTING	10-12	0.5	\$30	Art 1 & Art 2

Drawing & Painting students will study composition, design, and fine arts appreciation. Masters of drawing and painting from the 1800's to the present day will be studied to obtain an appreciation of different styles of art and impact artwork has in society. Project media includes pencil, pen/ink, pastels, marker renderings, and watercolor, acrylic and oil paintings. Students will problem-solve using the elements and principles of design to visually create impressions for themselves or others in society. Students are strongly encouraged to display art. They will use sketchbooks in class. The creative process is required as part of project planning.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
INDEPENDENT ART	12	0.5	\$30	*See Below

Prerequisite - Completion of all art classes or a minimum of art 1,2 and some 2D, 3D or digital art experience. Art GPA of 2.5 or higher, consent of instructor. Can take two terms.

*Students enrolling in Independent art MUST be entering a post-secondary, art –related field upon graduation and have completed ALL advanced art classes and have a 2.5 cumulative GPA in visual art classes. Projects include preparation of a portfolio for college or technical school admission or application. Independent art students are expected to be leaders by example when working in the art department. Students present an independent show at the end of term two.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
CERAMICS	10-12	0.5	\$30	Art 1 & 2 or Written request and consent of Instructor

Ceramics students will develop their skills from Art 1 & 2 in creating hand-built pieces and learn how to throw on the potter's wheel. They will review elements and principles of design and practice using them in planning and critiquing their own work as well as the work of other artists. Students will plan, create, glaze and critique hand-built wheel thrown pieces. Students will learn a variety of glazing techniques and explore thoughtful ways of embellishing and decorating their ceramic pieces. Students are encouraged to display art. The creative process will be emphasized especially with handbuilt projects.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
DIGITAL PHOTOGRAPHY	10-12	0.5	\$30	Art 1 & 2 or Written Request & Consent of Instructor

Digital photography students will study the history and development of photography as well as the elements and principles of good design. They will learn how to use a digital SLR camera and how to process digitally.

Digital photography students will be able to produce quality photographs using basic and advanced editing tools and techniques in Adobe Photoshop. Students will learn how to more effectively and creatively express their thoughts and ideas through photographic technique, digital processing and editing, and they will further develop critical thinking and problem solving skills when capturing quality photographs. Students will leave class with a published photography portfolio.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
PRINTMAKING	10-12	0.5	\$30	Art 1 & 2

An intermediate level printmaking class exposing students to image production from a single design. Emphasis is placed on incorporating the elements and principles of art, design basics, creativity of design and composition, creative use of tools and materials, and originality of work. Students are encouraged to display art. Sketchbooks will be used in class. The creative process is required as part of project planning.

WORLD LANGUAGE

Recommended Course Pathway

	Health Services	Human Services & Education	Business Marketing & Administration
Year 1	Spanish 1 or 2	Spanish 1 or 2	Spanish 1 or 2
Year 2	Spanish 2 or 3	Spanish 2 or 3	Spanish 2 or 3
Year 3	Spanish 3 or 4	Spanish 3 or 4	Spanish 3 or 4
Year 4	Spanish 4 or 5	Spanish 4 or 5	Spanish 4 or 5

SPANISH 1

Grade
9-12

Credit
1.0

Course Fee
None

Prerequisite
None

In this course, our goal will be to acquire the Spanish language. When you learned how to speak your first language, you acquired it naturally by listening to other people speak it around you for a long time; not by studying it. We will not be solely memorizing verb charts and vocabulary lists to regurgitate on a test, but actually using Spanish. Therefore, much of our class time will be spent using Spanish--not using English to talk about Spanish--and the focus will be on listening and reading more than speaking and writing. Those skills will come naturally as you take in more and more Spanish by listening and reading.

We will focus our class time on the acquisition of high frequency structures (the most frequently used words in a language). We will use these structures in class discussions, stories, games, readings, writing prompts, and cultural explorations. Students will work toward a Novice High proficiency level in reading, writing, speaking, and listening skills.

SPANISH 2

Grade
9-12

Credit
1.0

Course Fee
None

Prerequisite
Spanish 1

In this course, our goal will be to acquire the Spanish language. When you learned how to speak your first language, you acquired it naturally by listening to other people speak it around you for a long time; not by studying it. We will not be solely memorizing verb charts and vocabulary lists to regurgitate on a test, but actually using Spanish. Therefore, almost all of our class time will be spent using Spanish--not using English to talk about Spanish--and the focus will be on listening and reading more than speaking and writing. Those skills will come naturally as you take in more and more Spanish by listening and reading.

We will focus our class time on the acquisition of high frequency structures (the most frequently used words in a language). We will use these structures in class discussions, stories, games, readings, writing prompts, and cultural explorations, and you will be expected to recognize them when you read or hear them and, in time, be able to produce them in speech and writing. Specifically in Spanish 2 we will concentrate on present tense grammar and introduce high frequency vocabulary from a wide range of topics. Students will work toward an Intermediate Low proficiency in reading, writing, speaking, and listening skills.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
SPANISH 3	10-12	1.0	None	Spanish 2

In this course, our goal will be to acquire the Spanish language. When you learned how to speak your first language, you acquired it naturally by listening to other people speak it around you for a long time; not by studying it. We will not be solely memorizing verb charts and vocabulary lists to regurgitate on a test, but actually using Spanish. Therefore, almost all of our class time will be spent using Spanish--not using English to talk about Spanish. We will focus our class time on the acquisition of the most frequently used words in a language and intermediate structures. We will use these structures in class discussions, stories, games, readings, writing prompts, and cultural explorations, and you will be expected to recognize them when you read or hear them and, in time, be able to produce them in speech and writing. Specifically in Spanish 3 we will review present tense grammar, explore past tense grammar, and introduce vocabulary from a wide range of topics. We will also read novels and work toward an Intermediate Low proficiency in reading, writing, speaking, and listening skills.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
SPANISH 4	10-12	1.0	None	Spanish 3

In this course, our goal will be to acquire the Spanish language. When you learned how to speak your first language, you acquired it naturally by listening to other people speak it around you for a long time; not by studying it. We will not be solely memorizing verb charts and vocabulary lists to regurgitate on a test, but actually using Spanish. Therefore, almost all of our class time will be spent using Spanish--not using English to talk about Spanish. We will focus our class time on the acquisition of high frequency structures (the most frequently used words in a language) and advanced structures. We will use these structures in class discussions, stories, games, readings, writing prompts, and cultural explorations, and you will be expected to recognize them when you read or hear them and be able to produce them in speech and writing. Specifically in Spanish 4 we will concentrate on present, past, and future tense grammar along with the subjunctive mood and introduce higher level grammar concepts and vocabulary from a wide range of topics to prepare you for college coursework. We will work toward an Intermediate Mid proficiency in reading, writing, speaking, and listening skills.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
COLLEGE SPANISH – UWGB SPAN 202	10-12	1.0	UWGB	Spanish 4
SPANISH 5		UWGB Credits	Tuition \$350 (varies per year)	

Upon successful completion of the course, students will earn 3 college credits for this class. With a grade of "B" and above, students will receive 11 additional retroactive credits for a total of 14 college credits from UWGB, which is equal to a full semester of college credits. This rigorous course reviews and refines all aspects of Spanish grammar, focuses on the main AP themes, and introduces a variety of text interpretation skills. Emphasis is placed on all modes of communication with the goal of improving language proficiency. This is achieved through both comprehensible input and also input that stretches their thinking to prepare for future coursework and travel abroad experiences. Additional cultural traditions, holidays, music, food, film, and information about Spanish-speaking countries will be introduced in order to strengthen cultural literacy among students. Please note that there may be some additional costs for field trips and cultural activities. We will also read novels and work toward an Intermediate High proficiency in reading, writing, speaking, and listening skills.

NON-DEPARTMENTAL COURSE OFFERINGS

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
COMMUNICATING WITH THE DEAF <i>(Course fee subject to change)</i>	11-12	1.0	\$395	None

This course provides a foundation of sign language skills and fingerspelling skills to facilitate communication with individuals who are deaf or hard of hearing. Pertinent issues are discussed to broaden an understanding of Deaf culture.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
LEADERSHIP	10	0.5	None	None

Leadership encompasses the ability of an individual, group or organization to "lead", influence or guide other individuals, teams, or entire organizations. In the Little Chute School District we will equip all students with the tools to lead themselves and others to find success in life beyond school. Students will study the following topic areas: styles of leadership; self-esteem; goal setting; time management; problem solving; decision making; conflict resolution; communication; organization and evaluation. In addition, students will demonstrate competency in our 8 district outcomes and become more solution-focused problem solvers in an ever changing world.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
PUBLICATIONS	11-12	.5 - 1.0	None	None - Students who earn a B or better can take the class multiple semesters or both years

Publications offers students an opportunity to produce high quality, visual publications. They fund, design and create the ARCH Yearbooks. These processes give them the unique opportunity to experience life as it were in an actual newsroom: working as a team, meeting deadlines, interviewing and writing articles. Students may be given the opportunity to apply to take on roles such as Editor-in-Chief, Section Editor, Head Photographer and Business Manager.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
WORK EXPERIENCE	11 - 12	.5 per term	Drug Test Fee	Consent of Instructor

School-supervised Work Experience is a course designed to give high school students a chance to choose a career area and explore it through work experience prior to graduation. This experience can be either paid or non-paid volunteer hours. Students will be excused from a portion of the school day for work and will receive elective credits. This is a term course that can be taken each term for a total of two credits for the year. Students interested must complete an application to be eligible. Students should already be employed or be guaranteed that they will be employed when school starts in September. Staff and prospective employers will screen all applicants. Work Experience requires a student to be responsible, self-motivated, and self-reliant. Successful applicants will be notified of their placement. Mandatory: On average 10 hours of scheduled work per week.

- All students are required to pass a urine analysis testing. Students are responsible for paying for the initial testing via their infinite campus portal (approximately \$50). The school district pays for those randomly selected for testing thereafter.
- Need to complete an application and be approved through Pupil Services.

	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
YOUTH APPRENTICESHIP	11 - 12	1.0 per term	Drug Test Fee	None

Youth Apprenticeship is a rigorous 1 or 2 year program that combines academic and technical classroom instruction with mentored on-the-job learning for high school students. It opens doors for students by giving them a chance to “try out” a potential career interest, while allowing them to experience an adult working environment. Youth Apprenticeship provides students with new options for the future! Youth Apprenticeship combines academic instruction, instruction in an occupational area, and paid on-the-job-training.

- Students need to complete an application found in Pupil Services, recommended by a teacher, have good attendance and be on track for graduation to be considered. Employers have the final hiring decisions.
- Students may be released several periods per day to work at their job site. Credit toward graduation is granted upon successfully completing the requirements of both the school and the employer.
- All students are required to pass a urine analysis testing. Students are responsible for paying for the initial testing via their Infinite Campus portal (approximately \$50). The school district pays for those randomly selected for testing there after.

YOUTH APPRENTICESHIP PROGRAM

YA Program	YA Unit	Related Instruction
Construction	Carpentry	Architectural Design 1, Woods 1 and Woods 2
	HVAC Technician	Found. of Man, Metals 1, 2, 3
	Plumbing	Found. of Man, Metals 1, 2, 3, Architectural Design 1, Woods 1 and Woods 2
	Electrician	Found. of Man, Metals 1, 2, 3, Architectural Design 1, Woods 1 and Woods 2
	Masonry/Concrete	Found. of Man, Metals 1, 2, 3, Architectural Design 1, Woods 1 and Woods 2
Science, Tech, Engineering, and Math	Engineering/Drafting	Mechanical Design 1/2 Architectural Design 1
Financial Services	Banking	Intro to Business, Business Foundations, Accounting 1/2
	Accounting	Intro to Business, Business Foundations, Accounting 1/2
	Insurance	Intro to Business, Business Foundations, Marketing 1 and Marketing 2
Health Science	Certified Nursing Assistant	People Skills for the Health Care Professional, Anatomy and Physiology, Medical Terminology
	Dental Assistant	People Skills for the Health Care, Anatomy and Physiology, Medical Terminology
	Pharmacy Tech	People Skills for the Health Care, Anatomy and Physiology, Medical Terminology, Chemistry
Hospitality, Lodging, and Tourism	Food & Beverage/Lodging	Intro to Culinary Arts, Culinary 2, Baking and Pastry, Multicultural Foods
	Sales and Marketing	Intro to Business, Marketing 1 and Marketing 2
Information Technology	Info Tech Essentials	Computer Apps, Computer Science Essentials, Computer Science Principles
Manufacturing	Industrial Equipment Maintenance	Found. of Manufacturing, Metals 1/2/3, Machine Tool Jump Start

	Machining	Found. of Manufacturing, Metals 1/2/3, Machine Tool Jump
	Welding	Found. of Manufacturing, Metals 1/2/3, Machine Tool Jump
	Production	Found. of Manufacturing, Metals 1/2/3, Machine Tool Jump Start
Production Agriculture	Animal Science/Crop Science	Ecology & Environmental Science
	Vet Technology	Fox Valley Tech, Medical Terminology
	Water Resource Management	Ecology, Chemistry
Transportation	Automotive Technician	Fox Valley Tech
	Diesel Technician	Fox Valley Tech

Early College Credit Programs (Four-year University) / Start College Now (Technical College)

The Youth Options Program provides an opportunity for students in grades 11 and 12 to enroll in post-secondary institutions (colleges, universities, and technical schools) pre-approved courses that are not available in the high school curriculum. Courses are taken for both high school and college credit. Student admission is contingent on meeting entrance requirements and the availability of space. Student's grades from Youth Options will be calculated in their high school grade point average.

The student is required to apply for this program and must get approval from the School Board. Application for enrollment at post-secondary institutions must be made by March 1 for the fall semester and by October 1 for the spring semester.

Students interested in enrolling in a Youth Options course should contact their counselor for information. LCASD policy 343.45, the Youth Options contract, and State Statute 118.33 must be followed.

ADVANCED PROGRAM STUDIES

Juniors and Seniors may take College English, Calculus, Speech, Sociology, and Psychology at LCHS for college and high school credit. Cost will be approximately \$120 per college credit. The program is offered through UW-Oshkosh and UW-Fox Valley, but credits are usually transferable to any North Central Accredited University. Under the revised guidelines, we are able to enroll students in the UW Program as follows:

1. Ranking in the upper 25% of their class - or
2. 3.25 GPA and above (on a 4.0 scale) - or
3. Ranking between the 25% and 50% of their class and have an ACT score \geq 24.

SUPPLEMENTAL PROGRAMS

INDEPENDENT STUDY	<u>Grade</u>	<u>Credit</u>	<u>Course Fee</u>	<u>Prerequisite</u>
	11-12	0.5 or 1.0	None	Approval of Faculty, Counselor & Principal

Juniors and seniors may continue to study in an area of special interest by working on an independent study project for credit. If the school counselor approves the proposal and the faculty member agrees to serve as an advisor and evaluator, the student will (upon successful completion of the course) earn academic credit. To qualify for the program, the student must complete an application form and secure all necessary signatures.

Following is a list of guidelines and procedures:

1. Only juniors and seniors are eligible for the program.
2. Application forms must be secured from the counselors.
3. Applications may be submitted at any time to the counselor. Projects are to be completed one week before the end of the term for which credit is to be issued.
4. Independent study for credit MAY NOT replace any of the courses required for graduation.
5. Independent study courses are NOT to be taken in place of regular curricular offerings.
6. A faculty member must serve as advisor, supervisor, and evaluator. The faculty supervisor's approval must be secured before the course begins.
7. The principal will give the final approval.
8. The student will meet with the advisor to establish guidelines for the course. A sequential time schedule for completion of the work and a schedule of regular meetings between the student and teacher will be established.
9. Guidelines for credit will be 0.5 credits given for a minimum of 67 hours of work.
10. The faculty advisor must evaluate the student before credit is issued. A term exam must be a part of the evaluation.
11. A student can pursue one independent study project per term.
12. There must be a culminating experience that allows the student to demonstrate desired outcomes

COURSES NOT OFFERED IN 2025-26

N/A