

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 resolutions 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:

Rick Carlson, Interim District Administrator
Little Chute Area School District
1402 N Freedom Rd
Little Chute, WI 54140

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TO: ALL LCHS STUDENTS

This guidebook has been prepared by the administration and staff to assist you in planning your educational program for the 2004-05 school year. It is full of new courses and opportunities! Study the entire booklet before making decisions on courses you plan to request. It is your responsibility to select the courses that meet LCHS' 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 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?
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 help you to make 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. Botz

THIS REGISTRATION BOOKLET IS FOR YOU AND YOUR PARENTS!

COURSE SCHEDULING PROCEDURES

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.

Course request changes initiated by a student or parent during the registration process (December, January, February) are encouraged and welcomed. After February, the master schedule and final staff assignments are finalized based upon student requests. A class drop and add procedure is then followed and allowed only when it is obvious to all concerned (student-parent-teacher-counselor-principal) that the student's best interests are not being served.

ADDING OR DROPPING A CLASS

Courses must be added or dropped before the first day of any term unless academic ability, an extended illness, or for reasons initiated by a teacher, parent, principal, and/or guidance counselor.

Disliking the subject matter, requirements, or the teacher's presentation is not viewed as valid reasons for dropping the course. Insisting on dropping a course in progress, without the support of the teacher, principal, and guidance counselor, **will result in a failing grade for that course.**

GRADUATION CREDIT REQUIREMENTS

<u>LCASD Graduation Credits</u>	
English	4.0
Math	2.0
Science	2.5
Social Studies	3.5
Phy Ed	1.5
Career Skills	0.5

Required Credits	14.0
Elective Credits	14.5
*Healthy Choices	0.5

Total Credits	29.0

To fulfill graduation requirements, students are encouraged to take a blend of courses that meet their social, cultural, and vocational needs. Your guidance counselor will assist you in making a selection.

*Note: One course in health, taught by a certified health teacher, must be completed between grades 8-12. Beginning with the class of 2008, Healthy Choices will be a 9th grade requirement; pending board approval.

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

SUGGESTED COURSE SEQUENCE HIGH SCHOOL PROGRAM

Ninth Grade (8.0 credits)

1. English 1
2. Math
3. World History
4. Intro to Chemistry
5. Intro to Physics
6. Healthy Choices/PE/Career Skills sequence
7. Earth Science
8. Electives

Tenth Grade (8.0 credits)

1. Americans in History and Literature (pending approval)
2. Math
3. US History, Modern US History
4. Biology
5. PE or elective
6. Electives

Eleventh Grade (8.0 credits)

1. English 3
2. Social Studies or elective
3. PE or elective
4. Electives

Twelfth Grade (8.0 credits)

1. English sequence
2. Social Studies or elective
3. Electives

TO GRADUATE: Board Policy states that students must schedule for an eight-credit academic load per year, with the exception of those students enrolled in the performing arts program. In addition, participation in commencement or any other graduation activity is not permitted without **obtaining** the required number of credits.

It is not the prerogative of the guidance department or the high school principal to interpret board policy. 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 PLANNING

When discussing your educational plans with your parents, teachers, and counselors, it is important to focus attention on an educational or vocational goal. 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. Career interest and educational aspiration should be the basis for your selection of elective offerings.

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 (788-7613) and set up an appointment. The counselors are assigned as follows: Mr. Pratt - last names A-L and Ms. Schnell -last names M-Z.

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 SAT (Scholastic Aptitude Tests) for juniors. The American College Testing Program administers the PLAN for sophomores and the ACT 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 sophomore 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 and/or ACT requirement as listed in the Intro to UW-System and Wisconsin Independent Colleges guides, which are available in the guidance office.
2. Upon graduation, have successfully completed a **minimum** of 17 academic credits:

Required:

- 3 Math credits which **must** include Algebra 1, Geometry, and an Advanced Algebra
- 3 Science credits to include a lab science beyond biology
- 4 English credits
- 3 Social Studies credits

13 academic credits

Plus 4 additional academic credits which could be a combination of any of the above areas, foreign language, fine arts, computer science, and other academic and vocational areas. Foreign language requirements for college entrance vary by university.

For those students interested in attending a four-year college or university, it is recommended you discuss a 4-year academic plan with your counselor.

TECHNICAL COLLEGE PLANNING

It is important to select classes wisely when planning to attend a technical college. Students who plan to attend a two-year school after high school should take those College/Tech prep classes that are related to their planned course of study.

1. Technical colleges in Wisconsin require the ACUPLACER Test or will convert scores from the ACT.
2. Check with your counselor about appropriate high school classes for your two-year college course of study. Also, look at specific technical college catalogs in the guidance office.
3. Some programs of study at FVTC and other two-year schools have waiting lists. Students are encouraged to apply in their junior year for such programs.
4. The following vocational courses at LCHS are offered for Advanced Standing at Fox Valley Technical College:

<u>HS COURSE(S)</u>	<u>Equals</u>	<u>FVTC COURSE(S)</u>
Chemistry 1	=	Chemistry (806-174) 4 credits
Accounting 1 or 2	=	Accounting for Business (101-192) 3 credits
Child Care	=	Early Childhood I (307-115) 2 credits
Fashion & Design	=	Interior Design Study Tour elective (304-107) 1 credit
Introduction to Food Service	=	NRA/Letter/Certificate (316-118 and 316-150)
Apparel Production	=	Retail Principals (104-157)
Electrical Systems	=	Automotive Basic Electrical (602-101)
Mechanical Drafting 2	=	Draft – Auto CAD 1 (606-110)

YOUTH OPTIONS

The Youth Options Program provides an opportunity for students in grades 11 and 12 to enroll in post-secondary institutions (college, 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.

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.

Cooperative Advance Placement Program (CAPP)

Juniors and Seniors may take College English, Economics, or Calculus at LCHS for college and high school credit. Cost will be approximately \$75.00 per college credit. The program is offered through UW-Oshkosh, but credits are usually transferable to any North Central Accredited University. Under the revised guidelines, we are able to enroll students in the CAPP 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.

YOUTH INTERNSHIP PROGRAM - Grade 12

How the Program Works:

- Students apply by mid-quarter of the third term of their junior year. Applicants will be students who have a specific career goal and are interested in learning more about the occupation through "on the job" experiences.
- Students will complete a typed application form, to include transcripts, and submit it to Mrs. Lohry. Applications should reflect at least one and one-half credits of completed coursework related to the career area the student is listing as a career goal.
- Teachers on the Vocational Committee will review applications. Final selection of students eligible to participate in the internship program will be made by the end of the third term.
- Mrs. Lohry will contact students during August when appropriate work site placements have been identified. Typically, students are interviewed for available positions. The employers make final hiring decisions. The goal is for all eligible students to have an appropriate job site secured by the first day of the school year.
- Students are released from school one to two blocks 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. Students receive a "Pass" or "Fail" grade.
- All students participating in the Youth Internship Program are required to also successfully complete Applied Communications.

The possibility of employment also exists through the Special Needs Work Experience Program or the GOALS Work Experience Program. See your counselor or Mrs. Lohry for more information.

**Student Worksheet
Block Scheduling**

	Term 1	Term 2	Term 3	Term 4
Blk 1				
Blk 2/3				
Blk 4				
Blk 5				

Alternative Class Selections:

Four Year Academic Plan – Name _____

Grade 9	Term 1	Term 2	Term 3	Term 4
Block 1				
Block 2/3				
Block 4				
Block 5				

Grade 10	Term 1	Term 2	Term 3	Term 4
Block 1				
Block 2/3				
Block 4				
Block 5				

Grade 11	Term 1	Term 2	Term 3	Term 4
Block 1				
Block 2/3				
Block 4				
Block 5				

Grade 12	Term 1	Term 2	Term 3	Term 4
Block 1				
Block 2/3				
Block 4				
Block 5				

ENGLISH DEPARTMENT

TITLE	GRADE	LENGTH	CREDIT	PREREQUISITE
English 1	9	2 terms	1.0	none

English 1 is a required course that emphasizes language skills. The course is divided into the four basic language areas: literature, composition, grammar and usage, and speaking. The literary areas covered are the short story, nonfiction, drama - Romeo and Juliet, poetry and a novel. Through the writing process, students practice the skills of composition which include experience with different types of writing. The revision process emphasizes the practice and review of grammatical skills. Speech development is through group discussion and informal speaking. **Students are required to purchase a novel.**

English 3	11	2 terms	1.0	English 2 or Consent of Instructor
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English 3 is the third course in the English sequence. It also stresses the four basic language areas: literature, composition, grammar and writing, and speaking. The literary section of the course deals with the study of American Literature. Composition assignments are based upon readings from the course. The students are expected to show competence in grammar and usage. Students are involved in numerous speaking projects throughout the course such as: oral book reports, panel discussions, and reports. **The student is required to purchase a novel.**

World Literature	11-12	1 term	0.5	English 3
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World Literature deals with the major periods of literature in the western world. Students will read plays, poetry, and other excerpts from various eras as well as two novels of choice. Students are also expected to show their understanding of the readings through periodic written assignments dealing with basic expository forms. Students are expected to participate in oral exercises and various projects relative to the course contents. This course is recommended for college bound students.

Fundamentals of Composition	12	1 term	0.5	English 3
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Fundamentals of Composition is a beginning course in expository writing. Students are required to demonstrate competence in the basic forms of expository writing. Students read form examples from both nonfiction and fiction works. Oral communications skills are used in discussion and classroom presentation. Grammar and usage practice occurs with through exercises and correction of student's own weaknesses. Students **may not take this course** if they plan on taking or have taken College English 1.

Creative Writing	11-12	1 term	0.5	English 3
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Creative Writing is designed to provide students with the opportunity to explore the basic types of fictional writing. Students analyze the development of short stories, plays, and writing poetry. Student 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.

Americans in History & Literature	10	4 terms	2.0	English 1 & World History
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Americans in History & Literature is an integrated course that combines US History and American Literature. The course runs for one block for all four terms. The core of this course focuses on nine themes: the American dream, science and technology, economic opportunity, women in America, cultural diversity, immigration and migration, constitutional concerns, expanding democracy, and civil rights. Emphasis will be placed on the critical and analytical interpretation of American literary selections. Students will analyze and evaluate the connection between economic, political, social, and intellectual development in the United States.

TITLE	GRADE	LENGTH	CREDIT	PREREQUISITE
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Human Communications	11-12	1 term	0.5	English 3
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Human Communications includes a study of the ways human beings communicate and how communication can be improved from the individual's standpoint. Effective speaking and listening skills are studied. Students organize and present different types of speeches. Other units of study include oral interpretation, discussion, and public speaking. Literature is an integral part of the course background materials. Student will write effective speeches. Logical organization is stressed during the writing phase of the course. Basic grammatical and usage principles are reinforced throughout the course.

Applied English	11-12	2 terms	1.0	English 1 & 2
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Applied English is open to all students but is a prerequisite for students wishing to enter the Youth Internship Program. This course 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 the grammar and usage skills necessary to compete in today's world. The course provides job shadow opportunities for career exploration. This course concludes with a mock interview.

Literary Genres	11-12	1 term	0.5	English 3
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Literary Genres is an English elective wherein the student selects a 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.

Classic Novel Studies	12	1 term	0.5	English 3
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Classic Novel Studies is a senior elective in which students read four novels identified as classics. These novels have withstood the test of time and have had a significant impact on an era and in literary history. Through class discussions, analytical papers, and thematic research, the student pursues an academic depth of great literature.

CAPP College English 1	12	2 terms	1.0	Senior Standing or Consent of Instructor & must meet CAPP standards.
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CAPP College English 1 develops students' sense of expository writing as an ongoing process of invention, decision-making, drafting, revising, and editing. It also develops a student's skills in reading to analyze, interpret, and generalize from a variety of texts. College English 1 emphasizes literacy is a form of social action, meaning that language is used to define and solve problems. The course requires students to show competence in research and the use of electronic tools. **Students pay a prorated portion of the UW-Oshkosh tuition as determined by LCASD to receive college credit. Students may be required to purchase a required text for the course.**

CAPP College Speech	11-12	2 terms	1.0	Must meet CAPP Requirements
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Fundamentals of Public Address (133) is the examination of the principles of oral message preparation and presentation. Students will prepare and present actual public communication. The course is taught by a University of Green Bay faculty member. **Students pay a prorated portion of the UW-GB tuition as determined by LCASD to receive college credit.**

FOREIGN LANGUAGE DEPARTMENT

TITLE	GRADE	LENGTH	CREDIT	PREREQUISITE
Spanish 1	9-12	2 terms	1.0	None

Spanish 1 covers the basic skills of pronunciation and present tense grammar emphasizing conversation skills. Pre-Hispanic cultures, customs, and various language activities are introduced.

Spanish 2	9-12	2 terms	1.0	Spanish 1
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Spanish 2 further develops the basic reading, writing, and speaking skills in present, past and future tenses. Language acquisition is enhanced by small group work, employing conversational methods by means of dialogues, skits, and cultural activities. Hispanic literature and history are introduced.

Spanish 3	10-12	2 terms	1.0	Spanish 2
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Spanish 3 focuses on conversational skills, pronunciation, and listening. Students explore the language through a variety of themes and advanced grammar concepts will be introduced. This is a college preparation class. This class prepares students for college advance placement exams.

Spanish 4	10-12	2 terms	1.0	Spanish 3
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Spanish 4 students are given an extended review of basic grammar from previous years. This is done through literature, culture, arts, and situational conversations to enhance the student's functional skills in the target language. Students learn more advanced conversational techniques and have the opportunity to participate in special projects using the target language. This class prepares students for college advance placement exams.

Spanish 5	10-12	2 terms	1.0	Spanish 4
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Spanish 5 focuses on literature, art and theater as a means to help improve a student's ability to speak Spanish and to understand it when spoken naturally by native speakers. This unit of foreign language instruction covers progressively the most common patterns of speech in everyday Spanish. **There are entrance & transportation fees paid by students for fieldtrips.** This class prepares students for college advance placement exams.

MATHEMATICS DEPARTMENT

TITLE	GRADE	LENGTH	CREDIT	PREREQUISITE
Algebra 1	9-12	2 terms	1.0	None

Algebra 1 introduces to the basic structure of algebra. This includes the study of variables, combining polynomials, factoring, slopes, and graphs, solving linear, quadratic and systems of linear equations, problem solving, exponents, and statistics. **A TI-86 Graphing Calculator is required for this class. Rental is available at a cost of \$10 per term.**

Algebra 2	10-12	2 terms	1.0	Algebra 1 and Geometry
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Algebra 2 is designed for students who are interested in having a deeper understanding of Algebra and applying algebraic fundamentals. This course quickly reviews topics of Algebra 1 and continues to review these topics as more advanced topics are woven in. Areas of study include fundamental topics of algebra, equations, graphs, problem solving, polynomials, rational expressions, exponents, functions, sequences and series, and matrices. Additional topics include percents and ratios, complex and imaginary numbers. **A TI-86 Graphing Calculator is required for this class. Rental is available at a cost of \$10 per term.**

Geometry	9-12	2 terms	1.0	Algebra 1 or Applied Math 1 & 2
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Geometry explores the properties of points, lines, surfaces, and solids. This course also includes the different methods of reasoning and proof, logic, parallel lines and planes, congruent and similar polygons, the right triangle, circles, coordinate geometry, and constructions. Student evaluation is based on regular daily assignments, tests, problem solving and participation. **A TI-86 Graphing Calculator is required for this class. Rental is available at a cost of \$10 per term.**

Advanced Algebra	10-12	2 terms	1.0	Algebra 1 & Geometry
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Advanced Algebra is for students who are highly motivated and have a very solid foundation of Algebra 1 and Geometry 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 introduces the concept of function and explores a variety of functions including linear quadratic, polynomial, exponential, logarithmic, and rational functions. The properties of function are used to analyze applications within the fields of science, social studies, language arts, business, economics, and others. A variety of other topics are discussed including matrices and conic sections. This course is designed for university bound and some technical college bound students. The purchase or rental of the TI-82 graphics calculator is required for this course. **A TI-86 Graphing Calculator is required for this class. Rental is available at a cost of \$10 per term.**

Pre-Calculus	11-12		1 term	0.5 Adv Algebra
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Pre-Calculus provides a deeper understanding of topics from previous math courses and serves as a foundation for Calculus. This one-term class includes the study of the real number system, equations and inequalities, relations and functions, graphs, polynomial and rational functions, sequences and series. Grades are based on daily assignments, quizzes, and major tests. This is an important course for all college bound students and for some technical college students. Pre-Calculus is best taken with Trigonometry, but can be taken independently. The purchase or rental of the TI-86 graphics calculator is required for this course. **A TI-86 Graphing Calculator is required for this class. Rental is available at a cost of \$10 per term.**

TITLE	GRADE	LENGTH	CREDIT	PREREQUISITE
Trigonometry	10-12	1 term	0.5	Adv Algebra

Trigonometry is intended for students with a solid foundation in Geometry and Advanced Algebra. This course includes the student of right triangle trigonometry, circular functions, and trigonometric functions. Included within these topics are solutions of triangles, proofs of identities, solutions of equations, graphs or trigonometric functions, and the study of complex numbers and the polar coordinate system. Trigonometry is strongly recommended for all college and technical college bound students. Trigonometry is best taken in conjunction with Pre-Calculus, but may be taken independently. The rental or purchase of a TI-86 Graphics Calculator is required for this course. **A TI-86 Graphing Calculator is required for this class. Rental is available at a cost of \$10 per term.**

AP/CAPP Calculus	12	3 terms	1.5	Pre-Calculus & Trigonometry
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AP/CAPP 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. Students wishing to take this class for college credit must meet the CAPP entrance requirements found on page 7 and meet required score on math placement exam. The purchase or rental of a TI-86 Graphics Calculator is required for this course. **A TI-86 Graphing Calculator is required for this class. Rental is available at a cost of \$10 per term.**

Consumer Math	11-12	1 term	0.5	Applied Math 2 or Algebra 1
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Consumer Math provides a complete review of the basic skills relating to consumerism. Topics covered include vital skills for such tasks as banking, budgeting, calculation of interest and taxes. Other topics include computing auto expenses, and units on careers, economics, consumer awareness, and applying for jobs. Fundamental math skills will be discussed and practiced throughout this course.

Intro to Probability & Statistics	10-12	1 term	0.5	Geometry
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Intro to Probability & Statistics investigates the important aspects of basic probability and statistics including data collection, measures of central tendencies, permutations, combinations, and simulation methods. The students will be involved in cooperative and technology enhanced activities. Projects, daily work, tests, quizzes, and positive participation will determine grades. The rental or purchase of a TI-82 Graphics Calculator is required for this course. **A TI-86 Graphing Calculator is required for this class. Rental is available at a cost of \$10 per term.**

SCIENCE DEPARTMENT

TITLE	GRADE	LENGTH	CREDIT	PREREQUISITE
Intro to Physics	9	1 term	0.5	none

Introduction to Physics is required of all freshmen students and is designed to strengthen scientific reasoning skills, measurement techniques, and safety procedures in the area of physics. Content includes basic mechanics (motion, force), energy (conservation and transfers), and wave propagation (light and sound). Problem solving is stressed along with building resourcefulness. Students investigate the application of concepts in technology. Chapter and term exams are given, along with daily assignments, textbook activities, and laboratory investigation.

TITLE	GRADE	LENGTH	CREDIT	PREREQUISITE
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Intro to Chemistry	9	1 term	0.5	none
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Introduction to Chemistry is required of all freshmen students and consists of chemical concepts, laws, and relationships in nature. Laboratory investigations, student activities, and discussion of current scientific events expand topical investigation. Students explore classifications of matter, atomic structure, and bonding and delve into examples of chemical reaction and chemical bonding. Problem solving skills are developed and exams reflect daily assignments, textbook activities, and laboratory investigations.

Earth Science	9	1 term	0.5 credits	none
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Earth Science explores the basic concepts of geology, meteorology, and astronomy. Topics covered include the rock cycle, plate tectonics, weather patterns, the solar system, and planetary motion. Methods of instruction include laboratory exercises, discussions, field trips, and cooperative group activities. Assessment activities include tests, quizzes, and lab performance assessment.

Biology	9-10	2 terms	1.0	Intro to Physics & Intro to Chemistry
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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 characteristics of life, heredity, biological change, plant and animal structure, and function, diversity of life, ecology, scientific methodology, and biotechnology.

Chemistry 1	10-12	2 terms	1.0	Algebra 1, Biology
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Chemistry 1 investigates the composition of substances and the changes that occur in their composition. Studies include the various forms of matter and their physical and chemical properties. Units discussed include the metric system of measurement, the classification of matter, a study of the important elements of hydrogen and oxygen, atomic structure, chemical periodicity, chemical nomenclature, chemical calculations, solutions, equilibria, metals and nonmetals, carbon, an introduction to nuclear chemistry, and an introduction to organic chemistry. Daily assignments, quizzes, unit or chapter tests, laboratory work, and term examinations will make evaluation of student progress. Fox Valley Technical College offers advance standing to students who meet academic requirements after completing LCHS Chemistry (4.0 credits). Students who satisfactorily complete this course may obtain dual credit at Fox Valley Technical College.

Chemistry 2	11-12	2 terms	1.0	Minimum of Biology, Chemistry 1 with a B-/<, Algebra 1
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Chemistry 2 further acquaints students with the physical and chemical world around them, as well as the forces that control the chemical changes taking place around them. This course better prepares those students interested in further specialized work in scientific, technical, or medical fields. Units include chemical structure, bonding, solution process, acids-bases-salts, reaction energy and equilibrium, individual elements (metals, nonmetals, and metalloids), radioactivity, and carbon chemistry (substitutions and biochemistry). Problem solving skills and techniques are extensively covered. Evaluations are based on daily assignments, quizzes, unit and chapter tests, and laboratory work and term examinations. One major research paper is required each term. Fox Valley Technical College offers advance standing to students who meet academic requirements after completing LCHS Chemistry (4.0 credits).

Biotechnology	11-12	1 term	0.5 credits	Freshmen science series Biology
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Biotechnology explores many of the modern applications of biology and biotechnology in agriculture, medicine, evolution, and the environment. Topics include transgenic crops, gene therapy, genetically engineered pharmaceuticals, genetic forensic science, biological molecules in computers, cloning and pre-natal testing. The course will also examine the ethics involved in biotechnology. Some of the areas explored will be cloning animals to boost the populations of endangered species, creating designer babies, using genetic testing to qualify for health insurance, genes and behavior, stem cell research and animal rights. Methods of instruction will include discussions debates, lab activities, field trips, and cooperative group activities. Assessment will include tests, debates and presentations, quizzes and lab performance assessment.

TITLE	GRADE	LENGTH	CREDIT	PREREQUISITE
Physics	11-12	2 terms	1.0	Adv Algebra, Biology

Physics relates to the physical every day 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 careers related to physics as well as those simply interested in the subject itself. Areas of study include motion, properties of matter, energy (heat, light, sound, electricity, and magnetism), relativity, and some nuclear applications. 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.

Anatomy & Physiology	11-12	2 terms	1.0	Biology, Algebra 1, Chemistry 1 strongly recommended
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Anatomy & Physiology is a course that presents the basic human anatomical and physiological knowledge and understanding, as discovered and presented by the latest advances in the various areas of the subject. The emphasis is on the human body and all its interrelated functions, and is designed for the student with a career goal in the health fields or allied fields requiring knowledge of human anatomy and physiology. This course utilizes lectures, demonstrations, lab investigations, and AV-materials. Evaluation is based on quizzes, practical lab exams, chapter exams, current event discussion, lab write-ups, research projects, written and oral presentations, and two term exams.

Advanced Biology	11-12	2 terms	1.0	Biology, Algebra 1 & Chemistry 1 strongly recommended
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Advanced Biology builds upon the basic knowledge gained in the introductory biology course and emphasizes the detailed relationships of the systems of biology including biochemistry, cells, photosynthesis, respiration, genetics, zoology, botany, and some ecology where applicable. Technology tools are used. Evaluation is based on daily work, quizzes, labs and lab practical exams, individual written research papers and projects, and oral presentations.

Ecology & Environmental Sciences	11-12	1 term	0.5	Biology
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Ecology & Environmental Science explores the processes of the interacting systems that comprise the environment. Students will develop understanding of the earth as a dynamic physical and living system that has been affected over time by various human societies. Examples of topics covered include ecosystems, energy movements, populations, natural resources, pollution and environmental decision making. Student evaluation is based on observation journals, tests, projects, individual research, participation and assignments. Participation in field trips is required.

SOCIAL STUDIES DEPARTMENT

TITLE	GRADE	LENGTH	CREDIT	PREREQUISITE
World History A/B	9	2 terms	1.0	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.

US History A/B	10	2 terms	1.0	World History
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US History uses a thematic research approach to use and incorporating research and cooperative learning. Themes included: exploration, colonization, independence, expansion, technology, aggression/war, culture, lifestyles, foreign policy, world affairs, history, and democratic government/politics.

TITLE	GRADE	LENGTH	CREDIT	PREREQUISITE
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Modern US History	10-12	1 term	0.5	World History
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Modern US History is a contemporary study of recent events in the United States. Events from WWII through current events are covered.

Social Problems	11-12	1 term	0.5	None
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Social Problems - because of the nature of this course, its contents are constantly changing. A major emphasis of this course is moral reasoning and value clarification. Possible topics may include: point of view, attitude, values, human relations, and goal setting.

Economics	11-12	1 term	0.5	None
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Economics examines what economics are and why it is important. Areas of emphasis include: inflation, supply and demand, and concepts of production and distribution. The course provides students with a good basic understanding of economics and the ability to better deal with economic decisions in life. Those wishing to take this course for college credit must meet the CAPP entrance requirements found on page 7.

Political Science	11-12	1 term	0.5	None
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Political Science develops an awareness and knowledge of the operation of the American political system. Areas of emphasis include the executive, legislative, and judicial branches of government, bureaucracy, and political involvement and voter behavior. An understanding of democratic institutions and the role of people in a democracy will be attained.

Psychology	11-12	1 term	0.5	None
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Psychology - the basis of psychology is the understanding of self and elements that affect psychological well being. Areas emphasized will be memory and learning, sensation and perception, states of consciousness, human development, disturbance and breakdown, and therapy.

Sociology 1	11-12	1 term	0.5	None
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Sociology 1 looks at our daily social life and tries to understand what we do on a daily basis, in sociological terms. We will look at how rules are established and enforced, and what society does to the rule breakers. We will try to understand what social forces cause our behavior. All of this is accomplished by looking at sociological research and cultural studies.

Americans in History & Literature	10	4 terms	2.0	English 1, & World Hist
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Americans in History & Literature is an integrated course that combines US History and American Literature. The course runs for one block for all four terms. The core of this course focuses on nine themes: the American dream, science and technology, economic opportunity, women in America, cultural diversity, immigration and migration, constitutional concerns, expanding democracy, and civil rights. Emphasis will be placed on the critical and analytical interpretation of American literary selections. Students will analyze and evaluate the connection between economic, political, social, and intellectual development in the United States.

Sociology 2	11-12	1 term	0.5	Sociology 1
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Sociology 2 covers problems that develop primarily because of man's relationship with fellow man. Various social problems such as crime, juvenile delinquency, and effective parenthood are discussed.

TITLE	GRADE	LENGTH	CREDIT	PREREQUISITE
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World Civilizations	12	1 term	0.5	None
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World Civilizations is a good background course for college "Western Civilization" courses. Students will study civilizations from the ancient Egyptians through the Middle Ages of European history. The course involves research topics and a variety of student presentations. While all students receive a certain amount of "core" information, a great deal of flexibility is allowed in the selection of individual research topics. World Civilizations must be taken with the World Literature course.

Physical Geography	9-12 Or as "Skinny" 2 terms	1 term	0.5 0.5	None
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Physical Geography familiarizes students with the physical make-up of the world. Studies will focus on the major concepts of geography: location, place, human/environment interaction, movement, and region.

Current Events	11, 12 Or as "Skinny" 2 terms	1 term	0.5	None
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Current Events enhances and develops an awareness and appreciation of the "current issues" that shape our world. Current events are interpreted through an 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.).

History of Early Civilization	11, 12	1 term	0.5	None
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History of Early Civilization focuses on the study of humankind including the various theories concerning humankind's physical development. Humankind's cultural development is studied through the origins of human inventiveness (technology, etc.), social organizations (family, government, etc.), and human symbolic expressions (language, art, etc.). A simulated anthropological dig is a class requirement.

Comparative Religions	11-12	1 term	0.5	None
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Comparative Religions studies the belief systems of the world with an emphasis on the major organized religions: Christianity, Judaism, Islam, Buddhism, and Hindu. Origins, functions, philosophies, leadership, and ceremony are researched and compared.

CAPP College Psychology	11-12	2 terms	1.0	Must meet CAPP Requirements
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Introduction to Psychology (102) consists of understanding of behavior from psycho-physiological, cognitive, social and clinical perspectives; important issues, methods of findings in the study of psychological process. The course is taught by a University of Wisconsin-Green Bay faculty member. Students pay a prorated portion of the UW-GB tuition as determined by LCASD to receive college credit.

CAPP US History to 1877	11-12	2 terms	1.0	Must meet CAPP Requirements
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US History to 1877 (57-201) is a survey of the North American continent from the arrival of the first Americans through 1877. The course will examine the political, intellectual, social, military, and economic development of the population. The course is taught by a University of Wisconsin-Green Bay faculty member. Students pay a prorated portion of the UW-GB tuition as determined by LCASD to receive college credit.

PHYSICAL EDUCATION & HEALTH DEPARTMENT

One and one-half (1-1/2) credits of Physical Education are required of every student to meet graduation requirements. A written medical excuse from the doctor and the PE Health Examination form must be completed for medical conditions/emergencies lasting 1 day or more. 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. Alternative daily assignments related to the area of study will be given to the student so that credit for the unit can be earned. Long-term medical absences will be dealt with on an individual basis.

➤ **ALL STUDENTS MUST TAKE WINTER SPORTS & SPRING/FALL SPORTS BEFORE TAKING ANY OTHER PE COURSES.**

TITLE	GRADE	LENGTH	CREDIT	PREREQUISITE
Winter Sports	9-10	1 term (T2 or T3)	0.5	None

Winter Sports demonstrate the effects of exercise on the human body in both theory and practice through the understanding of the fundamentals of health related physical fitness. Instruction will cover the techniques of fundamentals through play according individual ability. Sports to be included in this course are: pickleball, volleyball, basketball, and weights. Fitness testing will be done twice during the term.

Spring/Fall Sports	9-10	1 term (T1 or T4)	0.5	None
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Spring/Fall Sports demonstrates the effects of a proper lifestyle on the human body in both theory and practice through the understanding of the fundamentals of wellness. The sports portion of the course will be comprised of skill development, rule and term knowledge, and training aspects. Instruction will cover the techniques of fundamentals through play of flag football, weights, soccer, and softball. Fitness testing will be done twice per term.

PE 3	10-12	1 term	0.5	Winter Sports, S/F Sports
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PE 3 will focus on individual, dual, and lifetime recreation activity. Students will be able to participate in the following activities: Term 1 & 4 - archery, field hockey, team handball; Term 2 & 3 - speedball, volleyball, and basketball. Fitness testing will be done twice during the term.

PE 4	1-12	1 term	0.5	Winter Sports, S/F Sports
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PE 4 focuses on lifetime activities. **This class requires a student fee of approximately \$75** to cover the costs of outings for various activities, transportation and/or equipment rental. Activities include bowling, roller blading & aerobic activities. Fitness testing is completed twice each term.

Team Sports	0-12	1 term	0.5	Winter Sports & S/F Sports
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Team Sports is designed to offer students a variety of team sports to help students understand the line between physical activity and good health. The sports included in this course will be volleyball, basketball, and soccer. Fitness testing is completed twice per term.

Racquet Sports	10-12	1 term	0.5	Winter Sports & S/F Sports
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Racquet Sports will expose students 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, and table tennis. Fitness testing will be done twice per term.

TITLE	GRADE	LENGTH	CREDIT	PREREQUISITE
Beginning Personal Fitness/Weight Training	10-12	1 term	0.5	Winter Sports & S/F Sports

Beginning Personal Fitness/Weight Training students will be exposed to a variety of personal fitness conditioning activities. Activities included in this course are weights, cardiovascular machines & other conditioning activities decided by the class. Fitness testing will be done twice per term.

Advanced Personal Fitness/Weight Training	11-12	1 term	0.5	Beginning PF/WT
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Advanced Personal Fitness/Weight Training students will be exposed to a variety of personal fitness conditioning activities at an advanced level. Activities included in this course are advanced weights, cardiovascular machines, and other conditioning activities decided by the class. Fitness testing will be down twice per term.

Health	9-12	1 term	0.5	None
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Health is a required course which meets every day during a term if not already successfully completed in grades 7 or 8. Areas of study include nutrition, CPR, First Aid, human sexuality, disease, substance use, and abuse.

PERFORMING ARTS DEPARTMENT

TITLE	GRADE	LENGTH	CREDIT	PREREQUISITE
Band	9-12	4 terms	1.0	Ability to play an instrument

Band is a course designed to acquaint the students with a variety of music literatures, primarily through performance. Both popular and classical styles of music will be studied. The development of technical and music proficiency on individual instruments will also be stressed. In addition to daily rehearsals, students will be required to have 7 private lessons per term and perform in concerts and at athletic events. Solo, small ensemble, and jazz ensemble performance opportunities will be available.

Bell Choir	9-12	2 Terms (T1 & T2)	0.5	Concurrent enrollment in Concert Choir and not in Band
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Bell Choir is offered to Concert Choir members who need another class to fill out their 2/3 block and receive a full music credit. Members of this group need to have a solid foundation in rhythm and counting skills and past participation in Middle School Bell Choir is helpful. The group performs in a Christmas Concert as well as other outside performances. This class runs for terms 1 and 2. **A tuxedo shirt and bow tie is needed for performance** and can be arranged through Mr. Bouressa.

Concert Choir	9-12	4 terms	1.0	Consent of Instructor
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Concert Choir is a mixed voice choir that studies and performs music from a variety of styles. Expectations from choir members are high due to the fact that this is a select group. Required performances include: Homecoming Coronation, Musical Play, Christmas Concert, Spring Concert, and Graduation. Optional involvement in the Solo and Ensemble Music Festival.

TITLE	GRADE	LENGTH	CREDIT	PREREQUISITE
Contemporary Music Appreciation	9-12	1 term	0.5	None
<p>Contemporary Music Appreciation is designed for today's contemporary music enthusiast. Practical studies in music history, literature, and etiquette are coupled with today's popular music styles and performers. The class format is a cooperative one with emphasis on participation and creativity.</p>				
Extra Solo Ensemble	9-12	1 Term (T3)	0.25	Concurrent enrollment in Band and NOT in Concert Choir
<p>Extra Solo Ensemble students will be required to study at least 2 pieces of music for possible participation in the district Solo-Ensemble Festival. Students will be required to spend a portion of each class period practicing on this music. Students will perform for and critique each other as part of the process. Assessment will be based on performance progress.</p>				
Jazz Rock Ensemble	10-12	4 terms	0.25/year	Successful audition & enrollment in LCHS' band for at least 1 year
<p>Jazz Rock Ensemble is a course designed to provide students with opportunities to perform in a jazz ensemble. Various types of literature including swing, rock, fusion, popular, and Latin styles are studied. Elementary improvisation is included. The ensemble rehearses twice weekly during the lunch period (11:00-11:25) on Tues & Thurs. This group performs at the Elementary School, District Solo Ensemble Festival, and Winter and Spring Concerts.</p>				
Secondary Instrument	9-12	1 Term (1, 2, 3, 4)	0.25/term	Concurrent enrollment in Band and NOT in Concert Choir
<p>Secondary Instrument students will select an instrument other than their primary performance instrument. Students will learn basic playing techniques in individual and group settings. Cooperative learning will be included. Assessment will be based on performance progress. Each student will be responsible for obtaining his own instrument; some school instruments will be available.</p>				
Womens Choir	9-12	2 Terms (T3 & T4)	0.5	Cannot be enrolled in band
<p>Womens Choir is available to any female student in grades 9-12 who enjoys singing choral music. This is a performing show choir - choreography and dance are included. Placement from this choir into the Concert Choir is done through audition with the instructor at the end of the year. Required performance in the Spring Concert and optional involvement in the Solo and Ensemble Music Festival.</p>				

VISUAL ARTS DEPARTMENT

TITLE	GRADE	LENGTH	CREDIT	PREREQUISITE
Art 1	9-12	1 term	0.5	None

Art 1 is designed for the student desiring a general knowledge of good design and wanting to learn basic drawing; the study of color and color theory; and different approaches to painting techniques. Projects include pencil sketches of still life, perspective, and figure drawing; tempera and watercolor painting; and sculpture. Participation in the art show is required. **This course requires students to pay a materials fee of \$25.00.**

Art 2	9-12	1 term	0.5	Art 1
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Art 2 is a continuation of Art 1 to be taken preferably in the following term by students with a general interest in art. The elements and principles of good design are reviewed and an overview of art history from Ancient to Modern Man is studied. Art 2 emphasizes two and three-dimensional projects to include drawing with perspective review; printmaking; ink graphics; work with clay; watercolor and acrylic media. Students are required to participate in the art show. **This course requires students to pay a materials fee of \$25.00.**

Stagecraft	9-12	2 Terms (T1 & T2)	0.5	Concurrent enrollment in Concert Choir and not in Band
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Stagecraft students will design the sets needed for the fall musical play and the drama play in January. Students build, paint, and supply necessary props for the sets. Assessment will be based on creativity, artistry, and involvement in this large project. Ability to work well on a team is essential. **Students need to take Stagecraft for both Terms 1 & 2.**

Sights & Sounds	9-12	1 term	0.5	None
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Sights & Sounds_students will learn principles of audio and video transmission. They will tour the LCHS auditorium to experience sound/video equipment. Students will learn basics of digital video composition and production. They will use computers and other digital equipment to film, edit, and produce short video segments. Areas explored include animation, commercial arts, and movie making. They will also analyze and critique current media and films verbally and in written format. Taking the Photography course is suggested as an optional prerequisite.

ADVANCED 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.

TITLE	GRADE	LENGTH	CREDIT	PREREQUISITE
2-Dimensional Art	10-12	1 term	0.5	Art 2

2-Dimensional Art emphasizes the relationship between drawing, painting, print making and multimedia design. The student will study compositional design and fine art appreciation utilizing the three theories of art: imitationalism, formalism, and emotionalism. Projects will include work with pencil, pen/ink, pastels, watercolors, acrylic and/or oil painting techniques. Students must participate in the term art exhibit. **This course requires students to pay a materials fee of \$25.00.**

TITLE	GRADE	LENGTH	CREDIT	PREREQUISITE
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2-Dimensional Art - Advanced	10-12	1 term	0.5	2D Art
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2-Dimensional Art – Advanced offers advanced work in drawing, painting and print making using a variety of media. Efforts will focus upon strengthening composition, use of color theory, and expressive content. A more in depth look at the work of other 20th Century artists and styles will be included. Working with oil paints, airbrush, print making styles and batik processes will be studied. Students will have the option of purchasing molding supplies for framing one work of art and required to participate in the term art exhibit. **This course requires students to pay a materials fee of \$25.00.**

3-Dimensional Art	10-12	1 term	0.5	Art 2
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3-Dimensional Art continues studies in composition and design with an emphasis on three-dimensional space. Sculpture in art history is reviewed and an analysis comparing the student's artwork to work done by past artists in research form is required. Projects are done in paper, plaster, multimedia sculpture, clay, wire, and woven fibers. The student is required to participate in the term art exhibit. **This course requires students to pay a materials fee of \$25.00.**

3-Dimensional Art - Advanced	10-12	1 term	0.5	3-D Art
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3-Dimensional Art – Advanced includes more activity in detailed assemblages. Constructions of mobiles, plaster and clay sculptures and copper enameling will be explored. Basic jewelry making and stained glass designs, along with glass etching details, will be studied. The history of multicultural mask-making techniques will be explored. The student is required to participate in the term art exhibit. **Students are required to pay a materials fee of \$25.00.**

Drawing & Painting	10-12	1 term	0.5	Art 2
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Drawing & Painting students will study composition, design, and fine arts appreciation. Masters of drawing and painting from the 1800's to present day will be studied to obtain an appreciation of different styles of art and the impact artwork has in society. Project media includes pencil, pen/ink, pastels, marker renderings, and watercolor, acrylic and oil paintings, and airbrush techniques studies. Students will problem-solve using the elements and principles of design to visually create impressions for themselves or others in society. **This course requires students to pay a materials fee of \$25.00.**

Photography	10-12	1 term	0.5	Art 2
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Photography students will study the history and development of photography. Students will understand the current use of the camera and the changing needs for digitized imagery in our changing technology. Students will produce quality photographs through dark room management and digitized imagery. Students will communicate changing environmental needs through photography printmaking and use critical thinking skills in recording memorable moments. Students will also use problem-solving skills in creativity by producing special effects prints from the Adobe PhotoShop software. **This course requires students to pay a materials fee of \$25.00.**

Ceramics	10-12	1 term	0.5	Art 2
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Ceramics students will search advanced techniques in clay building, glazing, and decorating. Hollow core (combining two to three fundamental pottery units) will be explored, as well as planning pottery with surfaces appropriate for glaze and decorator color treatment. Hand built, base-relief, and wheel thrown 3D projects are explored as a means of embellishing decorative and functional pottery. A great emphasis is placed on applying sculpture theory in pottery design and in ceramic building in general. Students are required to participate in the term art show. **This course requires students to pay a materials fee of \$30.00.**

TITLE	GRADE	LENGTH	CREDIT	PREREQUISITE
Independent Art	12	1 term	0.5	All other art courses, Art GPA of 2.5, & Consent of Instructor

Independent Art is for career art students who 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 are required to participate in the term art exhibit and also plan an independent art show before May 20th. **This course requires students to pay a materials fee of \$25.00 and purchase supplies needed for personal matting and framing of work for the independent art show requirement.**

BUSINESS EDUCATION

Courses taken in the Business Education Department are based on skill and knowledge progression. Courses must be taken in sequence as listed below. Fox Valley Technical College offers advanced standing to students who meet academic requirements after completing Little Chute High School's Accounting course.

TITLE	GRADE	LENGTH	CREDIT	PREREQUISITE
Keyboarding	9-12	1 term	0.5	None

Keyboarding is necessary for any student with a future career utilizing computers in mind. Keyboarding helps students develop speed and accuracy by learning the touch operation of the keyboard and 10-key number pad on a microcomputer. Student progress into business and personal letters, reports and tables. Since computers are used extensively today, this course is useful in high school, college, and everyday life. Activities include practice in keying to develop speed and accuracy by individual practice, assignments, speed and accuracy drills, and document formatting and production.

Information Processing	9-12	1 term	0.5	Keyboarding or test out by instructor
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Information Processing Students enrolled in this class become more proficient at the keyboard. Information Processing enhances a student's progress in developing speed and accuracy. Letters, tables, outlines, and reports are reviewed and expanded; business applications using word processing features are introduced. Activities include keying to increase speed and accuracy. Keyboarding simulation projects are used to develop time guidelines and expertise in production skills.

Computer Literacy	9-12	1 term	0.5	Career Skills, Keyboarding or test out by Instructor
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Computer Literacy students become familiar with using the computer featuring an introduction to Windows operating systems along with learning the basics of using an integrated software package. Emphasis is placed on Microsoft Word, Excel, Access, and PowerPoint applications. Students gain further exposure to Internet use through Microsoft Office. Activities include class discussion, use of networked computers using word processing, spreadsheet, presentation and database software packages, and class presentations.

Computerized Business Applications	10-12	1 term	0.5	Computer Literacy
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Computerized Business Applications offers advanced application problems using more complex features of Microsoft Word, Excel, Access, and PowerPoint software. Students planning post-graduation education are encouraged to enroll as the software programs taught are used at most post-secondary schools and in the business environment. Activities include class discussion, use of networked computers using word processing, spreadsheet, presentation and database software packages. Computer simulation packages and class presentations.

TITLE	GRADE	LENGTH	CREDIT	PREREQUISITE
Desktop Publishing	10-12	1 term	0.5	Computer Literacy

Desktop Publishing uses a microcomputer-based software system to produce publication materials, combining text and graphics resulting in professional quality printed documents and is used in both large and small companies. These materials include memos, correspondence, notices, flyers, posters, certificates, office forms, brochures, schedules, catalogs, reports, manuals, newsletters, etc. - - anything made up of words and pictures. Use of scanners and digital cameras are introduced. It is an extension of office computing as well as graphic arts. Activities include class discussion, projects, videos, use of network computers, page layout and design software, scanner, and digital camera. This class is a pre-requisite for Media Publication

Web Page Design	11-12	1 term	0.5	Computer Literacy
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Web Page Design provides the student with the information and lab experience necessary to perform quality web site design. Upon completion students will be able to plan and develop well-designed web sites that combine effective navigation with the balanced used of graphics, color, and text. As students progress through the course they will practice design techniques by examining sample pages and web sites that follow best practices, and then applying these principles in the lab exercises. Upon completion of the course, students will be able to design and implement functional web pages, plan a web site's organization, and publish a web site to make it accessible to the World Wide Web. Activities include creating and updating the Little Chute Area School District's web pages and building personal web sites.

Intro to Business	9-11	1 term	0.5	None
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Introduction to Business is designed 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, business structures, social responsibility and business ethics, international business, the banking system, fundamentals of credit, savings and investments, and insurance. 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.

Business Law	10-12	1 term	0.5	None
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Business Law is an introduction to the principles of law and how they affect personal and business matters. Business law involves the application of legal practices to the student's personal relationship with the law. In addition to studying the development of the law, specific topics covered include criminal and civil law (common torts), dual court system, trial procedures, and contracts with pertinent references to the Uniform Commercial Code and recent consumer legislation. Current and landmark cases are integrated to encourage students to understand their role in studying law. Students will hear a variety of professional and law enforcement speakers. The class will include a field trip to a Courthouse to observe a trial or intake proceedings. Activities include lecture, small group discussions, guest speakers, videos, and field trips.

Accounting	10-12	2 terms	1.0	
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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. Students are exposed to financial planning and investing through participation in the Wisconsin Stock Market Challenge. Accounting enables the students to intelligently handle their personal and business financial affairs as citizens, consumers, proprietors and/or investors. Activities include individualized and group instruction, business simulations, manual and computerized accounting, and working paper assignments. Students who satisfactorily complete this course may obtain dual credit at Fox Valley Technical College.

TITLE	GRADE	LENGTH	CREDIT	PREREQUISITE
Advanced Accounting	11-12	2 terms	1.0	Accounting

Advanced Accounting 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. Students who satisfactorily complete this course may obtain dual credit at Fox Valley Technical College.

Personal Finance	11-12	1 term	0.5	
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Personal Finance is designed to help students become more aware of how to handle some of the every day economic situations they will encounter as adult consumers. Some of the topics to be included are employment, taxes, personal budgeting, savings and investments, credit, transportation, housing, insurance, recreation, and retirement. The students will need to learn and apply business math concepts throughout the term. Activities will include projects, speakers, and discussion.

Entrepreneurship	11-12	2 terms	1.0	Accounting Computer Literacy
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Entrepreneurship is a designed for students planning a career in business. The students will directly apply business principles in a school store work experience. 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 operation.

FAMILY & CONSUMER EDUCATION

Family & Consumer Education 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 concern of these courses is to prepare students for their role within the family for employment in the world of work. The knowledge and skills learned in these courses enables students to work through complex situations they may face and to make reasoned judgements and take appropriate action. The Family and Consumer Education Programs have two parts: the home component and the job component. Fox Valley Technical College offers advanced standing to students who meet academic requirements after completing Little Chute High School's Introduction to Food Service, Childcare, Fashion and Design

TITLE	GRADE	LENGTH	CREDIT	PREREQUISITE
Food Service	9-12	1 term	0.5	Fun with Foods

Food Service 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, promotion, and food display. Course includes exploratory food labs and training in Taher School Kitchen. **A major part of the course requirements involves students setting up and running a restaurant as well as banquets outside of normal class time.** Students who satisfactorily complete this course may obtain dual credit at Fox Valley Technical College.

TITLE	GRADE	LENGTH	CREDIT	PREREQUISITE
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Fun with Foods	9-12	1 term	0.5	None
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Fun With Foods is a course aimed at all students, who want to learn the basics of cooking. Units studied will include safety and sanitation. Basic food terms, preparation skills, measuring techniques, menus and planning parties. Dual credit at FVTC if taken junior or senior year.

Food, Family and Society	9-12	1 term	0.5	None
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Food, Family and Society students develop the skills needed to learn more about food-related meanings, processes, conditions, and events as they occur in their lives. Students develop a sense of their real physical, emotional, and social needs and the ways foods might satisfy these needs. Along with exploratory labs, we discuss the development of food attitudes and norms, patterns of food consumption, obtaining food, and actions taken regarding food.

Childcare	11-12	1 term	0.5	None
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Childcare is for the student who is planning to enter the child care profession, becoming a parent or genuinely interested in children. Units covered include the development of the child emphasizing the quality of life, learning activities, working with children, play equipment, safety, promoting responsible behavior, and promoting children's health and handling emergencies. Students who satisfactorily complete this course may obtain dual credit at Fox Valley Technical College.

Independent Living	11-12	1 term	0.5	None
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Independent Living is a course aimed toward all students, whether they are college, work, or marriage bound. Students will become aware of, explore, and practice skills necessary for living on your own. Units relate to food selection, care and preparation; housing selection, financial management, job finding and keeping skills, wise clothing choices, and developing socialization and human relation skills.

Parents & Children	10-12	1 term	0.5	Health
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Parents & Children is a must for future elementary education teachers, nurses, social workers, counselors, professional babysitters, nursery school workers, and parents. Students learn prenatal care and fetal development, age appropriate activities for children; choices parent have, communication with children, types of discipline and being a positive parent. Resource people and class study trips are used to make the class more meaningful.

Family Relationships	10-12	1 term	0.5	None
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Family Relationships promotes the development of satisfying relationships with others built on trust, respect, cooperation, and caring. Students learn communication skills, examine values, develop positive feelings about themselves and others, examine lifestyle options, and develop necessary skills for coping with crises.

Fashion & Design	9-12	2 terms	1.0	None
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Fashion and Design helps students identify their greatest skills, talents, and abilities and develop them through hands-on project work. Students choose to work with fabrics, sewing machines, embroidery machine, sergers, handcrafted projects, interior decoration materials, retail shop display items, or environmental design. Entrepreneurship skills are developed as students design, create and display mustang clothing and apparel for the LCHS School store. Students who satisfactorily complete this course may obtain dual credit at Fox Valley Technical College.

TITLE	GRADE	LENGTH	CREDIT	PREREQUISITE
Apparel Production	11-12	1 term	0.5	Fashion & Design

Apparel Production students work with the entrepreneurship class to design and produce clothing and apparel for the school store. The Professional Sew Ware program will be used to develop designs to be embroidered. Students will be involved with purchasing, pricing, layout, graphics and final display. Students will learn how to work with others to produce items and satisfy customer's needs. A portfolio will be developed and maintained throughout the term. Students who satisfactorily complete this course may obtain dual credit at Fox Valley Technical College.

Health Related Careers	10-12	1 term	0.5	None
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Health Related Careers prepares students for the wide range of careers in the health field such as nursing, psychology, alcohol and drug counseling, dental assistant, occupational therapy, and veterinarian assistant. Guest speakers help students identify the advantages and disadvantages of different careers as well as indicate the amount and type of education required for each.

Teen Service	11-12	1 term	0.5	None
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Teen Service stimulates the creation of opportunities and support required for meaningful school, neighborhood, business, and community volunteer service participation. Agencies, organizations, and groups in the community describe their needs and explain ways the teen service volunteers can help to meet their needs. Students participate in a variety of activities to determine where their interests, skills, abilities, and talents would meet or match community needs. As students become more aware of needs, issues, and concerns, and gain experience in relevant community volunteer activities, they also improve their ability to take reasoned action to improve quality of life for self and others. **Students are required to have transportation for this class. Student must complete a contract agreement.**

World Foods	9-12	1 term	0.5	None
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World 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 the American cuisine. One dinner is prepared for each cuisine studied.

Nutrition	9-12	1 Term	0.5	none
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Nutrition focuses on appropriate management of activity, diet, and making positive changes in one's health and lifestyle. Some activities that the students will participate in are: individual exercise programs, food buying, learning to "eat out," preparing sensible meals & selecting proper exercise programs & facilities. This course is especially valuable to student athletes, students with special lifestyle needs, and students who plan to live on their own after graduation.

Family and Community Services	9-12	1 term	0.5	None
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Family and Community Services focuses on the family and community partnership. Students will become aware of a variety of services and agencies within the community. They will also prepare for careers or volunteerism in human services. Guest speakers, class trips, and many hands-on activities will be included. Students are required to perform volunteer hours at outside agencies on their own time.

INDUSTRIAL TECHNOLOGY DEPARTMENT

TITLE	GRADE	LENGTH	CREDIT	PREREQUISITE
Materials & Processes	9-10	1 term	0.5	None

Materials & Processes introduce the beginning student to the world of manufacturing. An emphasis is placed on the understanding and use of tools and processes needed to change such raw materials as wood and metal into usable products. Students will be charged a \$15.00 materials fee.

Communications Technology	9-10	1 term	0.5	None
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Communication Technology is intended to give the student experience related to communication in industry and society. Areas of study include drafting, electricity, graphics, and computer-aided drafting. A materials fee is charged for this course.

Modular Technology	9	1 term	0.5	None
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Modular Technology makes use of technology to explore the areas of construction, communication, manufacturing, transportation, and power & energy. Working in a cooperative learning environment, students explore technology through the process of designing, producing, using and assessing the technological actions, which create the human built world.

Drafting	10-12	1 term	0.5	None
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Drafting is designed to introduce students to mechanical drawing and architectural drawing. Mechanical drawing units of study include orthographic projection and pictorial drawing. Architectural drawing units include floor plans and elevation drawings. Basic computer-aided drafting is part of this course.

Mechanical Drafting 1	10-12	1 term	0.5	Drafting 1
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Mechanical Drafting 1 concentrates on developing basic drafting skills. Units covered include sketching, instruments, lettering, symbols, geometric construction, orthographic projection, and pictorial drawings. Further development of computer-aided drafting skill is emphasized.

Mechanical Drafting 2	10-12	1 term	0.5	Mechanical Drafting 1
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Mechanical Drafting 2 is a continuation of Mechanical Drafting 1. Units covered include dimensioning auxiliary views, section views, intersections and developments, assembly drawings, detail drawings and one design project. Once the project is identified it is researched, drawn, built, and tested. Development of computer-aided drafting skill is emphasized. Students who satisfactorily complete this course may obtain dual credit at Fox Valley Technical College.

Architectural Drafting 1	10-12	1 term	0.5	Draft
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Architectural Drafting 1 concentrates on the study of residential design and construction. Students will design a house set of plans. The plans include presentation drawings, electrical plans, roofing plans, and elevation drawings.

Architectural Drafting 2	10-12	1 term	0.5	Architectural Drafting 1
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Architectural Drafting 2 is a continuation of Architectural Drafting 1. In addition to the regular drawings from Architectural Drafting 1, the student will complete wall plot plan. Upon completion of all drawings, the student will develop a model of that house. Computer-Aided Drafting (CAD) is incorporated. **This class requires a course fee of \$15 to cover cost of materials.**

TITLE	GRADE	LENGTH	CREDIT	PREREQUISITE
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Electrical Systems	10-12	1 term	0.5	None
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Electrical Systems is an introduction to basic electrical concepts. Using lab equipment, such as electrical circuits, resistance, voltage, current and magnetism are studied. Basic house wiring is another activity that stimulates student interest. **This class requires a course fee of \$15 to cover cost of materials.** Students who satisfactorily complete this course may obtain dual credit at Fox Valley Technical College.

Electromechanical Technology	10-12	1 term	0.5	Electrical Systems
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Electromechanical Technology is an introduction to the world of electronics and its interaction with mechanical systems. Units of study include meters, power supplies, switches, circuits, relays, transformers, Ohm's and Kirchoff's Law. Robotics systems such as hydraulics, pneumatics, mechanisms, are also explored. Electronic projects and computer aided electronic drafting are popular activities **A course fee of \$25.00 covers the cost of materials.**

Electrical Apprentice	11-12	1 term	0.5	Electrical Systems
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Electrical Apprentice Systems students will learn about how the modern electrician must be able to install, maintain, and troubleshoot very sophisticated equipment. The students will be introduced to residential wiring, commercial wiring, and industrial wiring. The National Electric Code will be utilized throughout the course. The concept of electric motors and how they are utilized will be covered. The student will have a number of "hands-on" experiences during the course, including on-the-job training.

Metals 1	10-12	1 term	0.5	None
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Metals 1 will provide students experience in bench metals, machining, welding, jewelry and blacksmithing. In order to meet basic requirements of this course, the student will construct several projects. **Students are required to pay a \$30.00 materials fee to cover project costs.**

Metals 2	11-12	1 term	0.5	Metals 1
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Metals 2 is designed for the student to continue their training in the metals field. Equal time is spent in arc welding, gas welding, and machining. Projects in Metals 2 are tailored to meet the student's interests and career goals. **Students are required to pay a \$30.00 materials fee to cover project costs.**

Machine Woodworking	10-12	1 term	0.5	None
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Machine Woodworking will deal with the proper and safe use of basic woodworking tools and machinery. It will also include the application of consumer and industrial finishing materials on wood products. Each student will construct a useful project. **Students are billed for the cost of materials not to exceed \$40.00**

Production Woodworking	10-12	1 term	0.5	Machine Woodworking
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Production Woodworking will deal with advanced machine operations and setups. Each student will be introduced to a variety of mass production concepts. The major focus of the class is to study the processes that are currently being used in production woodworking industry. These skills and concepts can easily be transferred within the manufacturing and construction industry. **Students are billed for the cost of materials used in their projects.**

Design in Woodworking	11-12	2 terms	1.0	Machine Woodworking & Drafting
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Design in Woodworking deals extensively with elements of design and quality construction of furniture and cabinetry. Advanced machine work will be stressed. Each student will design and construct a major project of his/her own choice. **Students are billed for the cost of materials used in their projects.**

TITLE	GRADE	LENGTH	CREDIT	PREREQUISITE
Light Building Construction	11-12	1 term (T1 or T4)	0.5	Machine Woodworking

Light Building Construction includes classroom, shop, and on-site building experiences. This is a course designed to introduce basic construction theory and practice. Areas covered could include rough and finished carpentry, house wiring, painting and decorating, wallboard installation, plumbing, roofing, heating, masonry, and excavation. Students are expected to furnish their own tape rule, hammer, and warm clothing.

Research & Development	12	1 term 2 terms	0.5 1.0	All courses in Dept
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Research & Development students will be given the opportunity to earn credit for research in cluster areas of their career interest. This research must be in depth and more advanced than that which is covered by the regular technology classes. This independent student opportunity is not offered in place of any existing class, but is used to allow the **"self-directed student"** to progress further into areas of technology. **Before registering the student must complete an application form which includes a research proposal and approval signatures of the supervising instructor and guidance counselor.**

NON-DEPARTMENTAL COURSE OFFERINGS

TITLE	GRADE	LENGTH	CREDIT	PREREQUISITE
Career Skills	9 Or as "Skinny"	1 term 2 terms	0.5 0.5	Freshman Requirement

Career Skills provides an overview of the skills necessary for high school and future success. Through a variety of activities students explore introduction to high school, study skills, technology, career exploration, planning, and portfolio development.

Media Publication	11-12	2 terms	1.0	Desktop Publishing
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Media Publication offers students an opportunity to work with others to produce high quality, visual publications. This process requires them to meet deadlines, become acquainted with the Macintosh computer and have a general knowledge of graphic art areas that include photography, layout design, and writing text copy. This course focuses on team building skills that require students to do their share to ensure a quality publication. In doing so, each student is challenged by the multifaceted roles of Editor, Advertising Editor, Photography Editor, Finance Manager, Sports Editor, News Executive, and staff members in all the content areas. These skills are demonstrated through the production of school newspapers, yearbook, and other publications.

STRYPE	11-12	1 term	0.5	Application Procedure & Instructor Approval
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STRYPE (Students Teaching Reaching Youth - Peer Education) is offered to a limited number of juniors and seniors who have a sincere, genuine desire to inform and discuss decisions faced by young people. After 2-1/2 weeks of training on issues dealing with alcohol/drug/tobacco use, decision making skills, peer pressure, and the use of effective facilitation skills, students assume the role of educator, team teaching their own group of 5th graders. Before beginning the class, each student must sign a contract to agree to abstain from any mood-altering substances and must model responsible decisions.

Quality Leadership	9-12	1 term	0.5	None
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Quality Leadership will provide an environment where students learn about leadership skills and express what they learn freely. Once these skills are identified, each student will gain experience using the skills that will help them become more effective personally and socially. Students will acquire and refine these competencies: learning to learn, listening ability, oral communication, problem solving, creative thinking, self-esteem, goal setting, and organizational effectiveness.

TITLE	GRADE	LENGTH	CREDIT	PREREQUISITE
Youth Internship Program	12	½ credit per block of work release time		Applied English & a specific career objective by end of student's junior year. Student has completed 1.5 credits course work in their area of interest.

Youth Internship Program provides seniors with an avenue for school-to-career transition. Students with specific career objectives can obtain on-the-job experience in their respective career area. Students must have taken extensive course work in the career area they wish to pursue before entering this course. This course has two components that include the classroom course and on-the-job work experience. Students must apply by **February 1** to be considered for this course. A committee of faculty members from various vocational areas will interview and select candidates eligible to participate. **Students are responsible for providing their own transportation.**

SUPPLEMENTAL PROGRAMS

COURSE #	TITLE	GRADE	LENGTH	CREDIT	PREREQUISITE
INDSTU	Independent	11-12	1 term	0.5	Approval of Faculty, Counselor & Principal
	Study		2 terms	1.0	

Juniors and seniors may continue study in an area of special interest by working on an independent study project for credit. If the guidance counselor approves the proposal and a faculty member agrees to serve as 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 anytime to the counselor. Projects are to be complete 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 being 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.

KSCADE COURSES

The mission of the KSCADE (K-12 Schools/College Alliance for Distance Education) is to enhance learner access to available instructional resources among schools and colleges in east central Wisconsin through the development of cost-effective, interconnected telecommunication technology linkages. LCHS' KSCADE lab is located across from the high school office.

TITLE	TIME	DAYS	LENGTH	CREDIT
KS Auto Collision Automotive systems diagnostic, repair and adjustment procedures covering commonly effected areas of the automobile regularly repaired by an Auto Collision Technician.	8:15-9:00	MTR	Term 1 & 2	1.0
KS Fashion Illustration Drawing techniques, drawing supplies, fashion figure proportions, fashion face, movement in figures, clothing styles, rendering techniques, render fabrics, illustration design, draw accessories, presentation drawing, and source of inspiration.	10:00-10:50	MTF	Term 1 & 2	1.0
KS Communicating - Deaf Relating to the deaf culture including non-manual grammatical markers, signing, finger-spelling, classifying and the technology related to deafness.	11:30-12:30	MWF	Term 3 & 4	1.0
KS Ground School & Aviation This course will teach and reinforce math and science concepts while introducing the material necessary to take the FAA written exam to become a Private Pilot. This course covers topics such as aerodynamics, radio communications, aircraft systems, meteorology, navigation, and aviation physiology. Activities include classroom presentations, guest speakers, videotape, and fieldtrips. There will also be opportunities to fly with a certified flight instructor.	12:00-12:50	MTWRF	Year Long	1.0
KS CAPP Modern World Lit This course focuses on the diversity of Modern World Literature and develop an understanding of the global community through analysis of 20 th & 21 st century selections. The course requires students to develop skills of clear persuasive writing, basic literary research, and analytical discussion. Required field trips to UW Oshkosh library for research. Must meet CAPP requirements: Upper 25% of class; =/<3.25 GPA on 4.0 scale; ACT of 24 or above.	12:00-1:20	TR	Term 1	0.5
KS Animal Care Management Students will bring in and care for various animals, work on class and individual projects, talk with guest speakers and visit area businesses. Animals that are studied are selected by the students. Areas of study include care, behavior, habitat, feeding, reproduction, and impact on society. This hands-on course includes many interactive activities.	2:-00-2:50	MTWRF	Term 1 & 2	0.5
KS Veterinarian Science Students will learn how to restrain animals, give injections, suture wounds, perform animal physicals, and learn about radiology. Students develop a basic understanding of animal nutrition, genetics, reproduction, and health. Guest speakers, demonstrations, job shadows, field trips, and lab experiments are required parts of this course.	2:00-2:50	MTWRF	Term 3 & 4	0.5