

Fort Laramie High School



**Registration Guide
2020 - 2021**

**FORT LORAMIE HIGH SCHOOL
COURSE REGISTRATION BOOKLET
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I.) ACADEMIC POLICIES

a) Registration Board of Education Policy # 5410

The process of selecting and enrolling in specific courses is required of each student yearly -- soon after the beginning of the second semester. Many of the items found in this booklet will form a basis upon which the registration process can be accomplished more beneficially.

b) Course Load:

- Each student is required to enroll in no fewer than 5 credits per year, exclusive of Physical Education and Strength & Conditioning.
- Students should select classes so that their schedule will include no more than one (1) study hall per day, per semester.

c) Class Changes and Withdrawals

The purpose of registration is to gather relevant information to serve as the basis for planning the master schedule. If numerous changes and/or withdrawals are requested, the schedule will not necessarily reflect the greatest good for the greatest number of students.

d) Class Change Procedure

- Students will have the first three days of school to make class and study hall changes. No changes made after 3rd day of school.
- For those students taking College Credit Plus courses that are not built into the FLHS Master Schedule will have the first three class sessions to make changes. Any change made after the first three class sessions may be permissible, but will exclude the student from earning their FLHS Honors Diploma.
- Same policy will apply to changes for 2nd semester elective courses only.
- Addition of a course – courses will be added only if there is no disruption to the rest of the schedule and there is room in the course.
- Please note AP Classes are not subject to the first 3 days of the semester rule. For more information on this see the AP Student Contract.

e) Class Change Requests

The following guidelines will be observed and the following reasons will be accepted for schedule changes.

- The student could not be scheduled for all courses requested.
- The student is scheduled into a course without having the required prerequisite.
- The student is not scheduled into a course required for graduation.
- Medical reasons documented by a physician.
- Schedules will not be changed because of a change of mind, loss of interest, or desire to be in a class with another student.

f) Withdrawal

- The principal in conjunction with the counselor will consider cases with extenuating circumstances.
- For a course that is dropped after the 3rd day of school, there will be no credit given. Students who choose to drop a yearlong course at the semester, will be given no credit, but the grade earned for first semester will factor into the student's Cumulative GPA. Only in certain circumstances will this be allowed.
- For CCP courses dropped after the 3rd class session, exclusion from the FLHS Honors Diploma will ensue.

g) Student Classification Board of Education Policy # 5410

The class standing of students is currently determined as follows:

Freshman	fewer than 5 credits
Sophomore:	5 - 10 credits
Junior:	11 - 15 credits
Senior	16+ credits

h) Grades and Quality Points

- In arriving at a nine-week grade, several factors are to be included such as daily class participation, homework, projects, group activities, quiz grades and test grades.
- In the high school, provision will be made for parent-teacher conferences. Parents of students, for whom teachers feel the need to arrange a conference, will be contacted.

i) Grading Scale Board of Education Policy # 5421

Grade cards and reports of progress will be made available to parents and students at the end of each nine weeks via the online grade book system. If a parent wishes to have their student's report card sent home in paper format they are to call the Jr./Sr. High School office at the beginning of each school year.

Grades are reported on a letter basis.

A	95-100	B+	91-92	C+	82-83	D+	72-73	F	Below 65
A-	93-94	B	86-90	C	76-81	D	67-71		
		B-	84-85	C-	74-75	D-	65-66		

j) Honor Roll

The honor roll is calculated at the close of each grading period. If students qualify for the honor roll, it is their responsibility to check the unofficial listing and discuss needed additions or corrections with the School Counselor prior to the time the honor roll is made official. The honor roll is based upon the GPA by dividing the total points by the total credits.

The honor roll will be published at the end of each nine-weeks grading period.

The honor roll system used is as follows:

A =	4.00	B+ =	3.66 – 3.34
A- =	3.99 – 3.67	B =	3.33 – 3.00

Students who attend the Upper Valley Career Center will use the following honor roll system:

A =	4.00 – 3.67	B =	3.66 – 3.00
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k) Grade Point Average

The Grade Point Average is computed by dividing the total points earned by the total credits. Each semester grade is computed into the GPA individually. The final grade is used to determine whether credit is received for the course.

In arriving at a semester grade, a formula will be used to balance nine-week grades.

$$\text{Semester Grade} = 40\% (\text{first 9 week grade}) + 40\% (\text{second 9 week grade}) + 20\% (\text{exam})$$

$$\text{Yearly Grade} = \frac{\text{1st semester average} + \text{2nd semester average}}{2}$$

EXAMPLE: Student X received a 94 % for the first 9 weeks, a 92% for the second 9 weeks and a 95% on the exam. Student X received a 93 % for the third 9 weeks, a 97 % for the fourth 9 weeks and an 89% on the exam.

1 st 9 weeks Grade	94 x 0.4 =	37.6	
2 nd 9 weeks Grade	92 x 0.4 =	36.8	
Exam Grade	95 x 0.2 =	19	
Add together to receive		<u>93.4%</u>	First Semester Grade

3 rd 9 weeks Grade	93 x 0.4 =	37.2	
4 th 9 weeks Grade	97 x 0.4 =	38.8	
Exam Grade	89 x 0.2 =	17.8	
Add together to receive		<u>93.8%</u>	Second Semester Grade

$$1^{\text{st}} \text{ Semester } (93.4) + 2^{\text{nd}} \text{ Semester } (93.8) = 187.2 / 2 = \mathbf{93.6\% \text{ Final Grade}}$$

l) NCAA Core Course Requirements

The NCAA guidelines are subject to change and can be found by visiting the following website:

<http://www.ncaa.org/>. Please see the School Counselor for more specific information concerning the NCAA core courses.

m) Graduation Requirements Board of Education Policy #5460

- 1) Curriculum Requirements Students are required to meet all curriculum requirements established for their year of graduation when they entered high school.
- 2) Twenty-one (21) units of credit will be required for all students for graduation.
- 3) Graduation Rehearsal - A student must attend and participate fully in the entirety of the Graduation Rehearsal as a requirement to be able to participate in the Commencement Ceremony.
- 4) Student Fees - All book fees, fines and charges payable to Fort Loramie Local Schools must be paid in full prior to the Commencement Ceremony.
- 5) Required Units for graduation:

English	4 Units	Fine Art	1 Unit
Math	4 Units	Health	½ Unit
Science	3 Units	Physical Education	½ Unit
Social Studies	3 Units	Personal Finance	½ Unit

a) Special Notes concerning specific units:

1. Math - Students must complete four (4) units of Math including Algebra II or equivalent.
2. Science
 - One (1) unit of Biological Science and one (1) unit of Physical Science.

- A maximum of (1) science credits may be earned for successfully completing the applicable agricultural courses.

3. Social Studies

- One (1) unit of American Government will be required of all students, unless the student attends the UVCC or a UVCC-sponsored program.
- Full time UVCC students will be required to complete ½ unit of American History and ½ unit of American Government as directed in the UVCC curriculum.

4. Fine Arts - One (1) unit of credit or two ½ units of Fine Arts credit are required for graduation.

5. Financial Literacy Requirement - Students must earn 0.5 credits in Personal Financial Management in order to graduate.

b) Electives

- Four and a half (4 ½) units of electives will be needed to meet the 21-unit requirement.
- One to two (1-2) units of credit can be applied towards graduation from correspondence courses with approval of the Principal.

c) Correspondence and Independent Study Courses

All class work for Correspondence and Independent Study Courses must be completed by May 1 to be able to receive the grade prior to graduation.

6) Additional Requirements for the Classes of 2021 & 2022:

(1) Students must take an End of Course exam in the following subject areas:

- Algebra I & Geometry
- Biology
- American History & American Government
- English 9 & English 10

(2) Scores on each test will range from 1-5. All subject area scores listed above will be totaled; students must reach a total of at least 18 points to graduate (students must take each test).

7) Additional Requirements for the Classes of 2023 and beyond:

- Students must show competency by earning a minimum score on Ohio's Algebra and English II exams.
- Students must also show readiness by earning two of twelve diploma seals outlined by the state of Ohio. These seals include:

- | | |
|---------------------------------------|-------------------------------|
| • Ohio Means Jobs Readiness Seal | • Honors Diploma Seal |
| • Industry Recognized Credential Seal | • Seal of Biliteracy |
| • College-Ready Seal | • Technology Seal |
| • Military Enlistment Seal | • Community Service Seal |
| • Citizenship Seal | • Fine & Performing Arts Seal |
| • Science Seal | • Student Engagement Seal |

n) Fort Loramie Graduation with Honors & the Ohio Honors Diploma

Students need to fulfill all but one of the 8 following criteria to graduate with Honors:

- 4 English credits required
- 4 Mathematics credits required
 - Algebra I, Geometry, Algebra II, Advanced Algebra or Pre-Calculus, AP Calculus
 - Math courses must go in the above sequence
- 4 Science credits required
 - Physical Science, Biology, Chemistry, Physics, AP Physics, or any other lab based science (includes Advanced Biology and Anatomy & Physiology)
 - One full credit of each of the above is required; no substitutions
- 4 Social Studies credits required
- Foreign Language required
 - 3 credits of one language or 2 credits each of 2 languages
- 1 Fine Art credit required
- Minimum 3.5 grade point average
- 27 on the ACT or 1280 on the SAT

- No student may withdraw from a class after the 3rd day of school to be considered for Graduation with Honors. No CCP student may withdraw from a class after the 3rd class session to be considered for Graduation with Honors.

- Students taking courses through College Credit Plus are required to have prior approval for courses to meet the requirements listed above. CCP students vying for the Fort Loramie Honors Diploma will be required to take the outlined courses listed on the next page. *CCP students who do not take the outlined course sequence may still be eligible to earn the Ohio Honors Diploma.*

o) CCP Course Substitutions & the Fort Loramie Honors Diploma

- (1) The courses listed below are all approved CCP substitutions for the Fort Loramie Honors Diploma. Other required courses are also subject to possible substitutions, but must be approved by the principal and the counselor.
- (2) ******There is no substitute for Advanced Placement courses, but if a student is on the CCP pathway, the listed course(s) would count for the Fort Loramie Honors Diploma.

Subject	Course 1	Course 2	Course 3	Course 4	Course 5	Course 6
English	English 9	English 10/Honors English 10	English 11/Honors English 11	English 12	AP English**	
CCP Equivalent	n/a	n/a	2 of the following: Edison: ENG121S & ENG221S/ENG205S Wright State: ENG1100 & ENG1120	2 of the following: Edison: ENG122S & COM121S WSU Lake: Any 2 ENG courses		
Math	Algebra 1	Geometry	Algebra 2	Advanced Algebra	Pre-Calculus	AP Calculus**
CCP Equivalent	n/a	n/a	2 of the following: Edison: MTH122S (Col Alg) & MTH123 (Col Trig) Wright State: MTH1280 (Col Alg) & MTH1380 (Col Trig)	Edison: MTH122S (Col Alg) & MTH123 (Col Trig) Wright State: MTH1280 (Col Alg) & MTH1350 (Col Trig)	Edison: MTH128S (Precalculus) Wright State: MTH1340 (Precalculus)	Edison: MTH221S (Calculus I) Wright State: MTH2300 (Calculus I)
Science	Physical Science	Biology	Chemistry	Physics/AP Physics**	Anatomy	Biology II
CCP Equivalent	n/a	n/a	CHM110S (Intro to Chem) & CHM121S (Gen Chem I) Wright State: CHM1010 (Intro to Chem) & CHM1210 (Gen Chem I)	Edison: PHY121S (Col Physics I) Wright State: PHY1110 (Prin of Physics I)	Edison: BIO125S (Anatomy & Physiology I) Wright State: ANT2100 (Anatomy & Physiology I)	Edison: BIO121S (Intro to Bio) & BIO122S (Animals, Plants, & Ecology) Wright State: n/a
Social Studies	World History	American History	American Government/Honors/AP Government **	Sociology	Psychology	
CCP Equivalent	n/a	n/a	2 of the following: Edison: PLS121S (American National Government) & PLS122S (State & Local Government) Wright State: PLS2120 (American National Government) & PLS3220 (State Government)	Edison: SOC121S (Intro to Soc) Wright State: SOC2000 (Intro to Soc)	Edison: PSY121S (Intro to Psych) Wright State: PSY1210 (Gen Psych)	
Spanish	Spanish I	Spanish II	Spanish III			
CCP Equivalent	n/a	n/a	2 of the following: Edison: SPN121S & SPN122S	<i>*To fulfill the Honors Diploma requirements for Foreign Language, students may take three credits of one language or two credits each of two different languages.</i>		

**It is recommended that students take a full year of core courses every year that they participate in the CCP program.*

AWARD: Students wear white robes and gold stoles for the graduation ceremony. Students selected for the National Honor Society also wear gold tassels.

Comparison of Diplomas with Honors Criteria

Students need to fulfill all but one of the applicable criteria for the Diploma with Honors.

Subject	Academic Diploma with Honors for Classes 2020 and Beyond <i>The FLHS Honors Diploma mirrors the Ohio Academic Diploma Criteria</i>	Career-Technical Diploma with Honors for Classes 2018 and Beyond	STEM / Arts / Social Science & Civics Honors Diplomas
English	4 units	4 units	4 units
Mathematics	4 units, including Algebra I, Geometry, Algebra II or the equivalent and another higher level course or a four-year sequence of courses that contain equivalent content	4 units, including Algebra I, Geometry, Algebra II or the equivalent and another higher level course or a four-year sequence of courses that contain equivalent content	5 units*** / 4 units / 4 units Must include Algebra I, Geometry, Algebra II or the equivalent and another higher level course or a four-year sequence of courses that contain equivalent content
Science	4 units, including two units of advanced science*	4 units, including two units of advanced science*	5 units (including two units of advanced science) / 4 units (including one unit of advanced science) / 4 units (including one unit of advanced science)*
Social Studies	4 units	4 units	3 units / 3 units / 5 units
Foreign Language	3 units of one world language, or no less than 2 units of each of two world languages studied	2 units of one world language studied	3 units / 3 units / 3 units one world language, or no less than 2 units of each of two world languages studied
Fine Arts	1 unit	N/A	1 units / 4 units / 1 units
Electives	N/A	4 units of Career-Technical minimum. Program must lead to an industry recognized credential, apprenticeship, or be part of an articulated career pathway which can lead to post-secondary credit**	2 units with a STEM focus / 2 units with a Fine Arts focus / 3 units with a focus in social science/civics
Grade Point Average	3.5 on a 4.0 scale	3.5 on a 4.0 scale	3.5 on a 4.0 scale
ACT/SAT Score [excluding scores from the writing sections]*	27 ACT / 1280 SAT	27 ACT / 1280 SAT / WorkKeys (6 Reading for Information & 6 Applied Mathematics)	27 ACT / 1280 SAT
Additional Assessment/ Requirements	N/A	Achieve proficiency benchmark established for appropriate Ohio Career-Technical Competency Assessment or equivalent	Complete a field experience and develop a comprehensive portfolio specific to the focus area ****

Diploma with Honors requirements pre-suppose the completion of all high school diploma requirements in the Ohio Revised Code including:

- ½ unit physical education (unless exempted)
- ½ unit health
- ½ unit in American History
- ½ unit in World History (Class of 2021 and beyond)
- ½ unit in Government

*Advanced science refers to courses that are inquiry--based with laboratory experiences and align with the 11/12th grade standards (or above) or with an AP science course, or with an entry--level college course (clearly preparing students for a college freshman--level science class, such as anatomy, botany, or astronomy).

**Program must lead to an industry recognized credential, apprenticeship, or be part of an articulated career pathway which can lead to post-secondary credit.

***The fifth mathematics and science credit for the STEM honors diploma may be fulfilled with a single course. 5 Field Experience refers to experiential learning in either an internship or apprenticeship. Students will document their experiences by describing their understanding in a portfolio.

****The student portfolio is a collection of experiential learning and competencies based on the student's field experiences. Students will engage with professionals or scholars in the field while developing their own portfolio or ePortfolio of original work that documents their technical, critical and creative skills representative of their honors focus; students' work must be reviewed and evaluated by scholars or professionals within the field/area of study in which the students' work is focused, and the scholars or professionals must be external to the district staff; students will give a presentation to showcase the work and provide an analysis of it to the school and local community. If the student does not complete a field experience, the portfolio can be based on a collection of work related to the student's honors diploma area of focus.

II. COURSE DESCRIPTIONS

**** Note: All course fees in this guide are projected and will not be made final until approved by the Board of Education.**

ENGLISH DEPARTMENT

210 English 9 1 Credit Full Year Course

Required of all freshmen, English 9 is designed as a survey course which aims to prepare new high school students with advanced skills in reading and writing. It will provide an in depth exploration of multiple literary and writing genres (classical, contemporary, young adult, poetry, and drama), as well as the literary terms and techniques necessary to fully understand and appreciate English as a content area of study. The course will provide an introduction to Shakespearean text, as well as introducing students to basic literary analysis and research writing. Course activities may include: independent reading, lit circles, whole class reading, journals, essays, portfolios, quizzes, tests, presentations and research projects.

Projected Course Fees: ****Students will be responsible for purchasing books or borrowing from the library.**

220 English 10 1 Credit Full Year Course

Required of all sophomores, English 10 will build upon the skills introduced in English 9, with a greater emphasis on analysis and synthesis of literary and informational texts. The literature presented in this course will introduce students to a wide variety of writing traditions that represent the various cultures around the globe. Students will extend their knowledge of world literatures and Shakespearean text, as well as refine literary analysis skills. Course activities may include: independent reading, lit circles, whole class reading, journals, essays, portfolios, quizzes, tests, presentations, and research reports.

Projected Course Fees: ****Students will be responsible for purchasing books or borrowing from the library.**

220H Honors English 10 1 Credit Full Year Course

Pre-requisite: A average English 9th semester 1 and 2 and teacher recommendation. **Summer reading is required for this course.

This course provides a continuation of the themes explored in English 9. Students will expand their knowledge of world literature and Shakespearean text, as well as refine literary analysis skills introduced during English 9. There will be a strong emphasis on writing, analyzing and demonstrating skills learned. Methods of instruction may include: independent reading, lit circles, whole class reading, journals, essays, portfolios, quizzes, tests, presentations and research projects.

Projected Course Fees: ****Students will be responsible for purchasing books or borrowing from the library.**

234 Contemporary Novels 1/2 Credit Semester Course

The Contemporary Novel is a semester-long elective English course designed to promote pleasure reading, appreciation for cultural diversity, and insight into human nature in general and the contemporary American experience in particular. Texts for this course will be current, and chosen with input from the students enrolled in the course. Emphasis is placed upon dialogue and communication, both written and spoken. *Students will be responsible for securing their own copies of the books chosen for this course.*

240H Honors English 11 1 Credit Full Year Course

Pre-requisite: B+ average in Honors English 10 and teacher recommendation

This course will explore a variety of themes mainly in American Literature. Students will be expected to analyze literature in all text explored both fiction and nonfiction. There will be a strong emphasis in writing, analyzing, and demonstrating skills learned. Methods of assessment include the following: independent reading, journals, literature circles, class reading, essays, quizzes, tests, presentations, research projects, portfolios, and classroom participation. This course differs from English 11 in its level of rigor. Students will be expected to read more challenging texts and write more in-depth papers. Students who elect to take this course for CCP credit will earn ENG121S Composition I credit, as well as ENG205S Great Books credit through Edison State Community College. ENG205S Great Books was chosen to prepare these students for success in AP English Literature & Composition.

- Students can elect to take this course as a College Credit Plus Course
\$30 (Book Fee)

Projected Course Fees:

ENG121S Composition I 1 HS Credit Semester Course

This course must be successfully completed before any other Edison State English courses can be taken.

Recommended for Juniors

Pre-requisite: Passing mark on Edison's Placement Test or ACT/SAT.

Study and practice of essay writing by reading published authors and producing college-level writing for a variety of audiences and purposes. Employs critical thinking and analytical skills in both formal and informal writing. Formal writing is based on reporting information, narration, analysis, and research. All writing will stress Standard English, organization, and

style.

- Students who take this course can earn 3 college credits through Edison State Community College

ENG221S American Literature I 1 Credit Semester Course

Recommended for Juniors

Pre-requisite: Passing mark on Edison's Placement Test or ACT/SAT and the successful completion of ENG121S.

This course will explore a variety of themes mainly in American Literature. Students will be expected to analyze literature in all text explored both fiction and nonfiction. There will be a strong emphasis in writing, analyzing, and demonstrating skills learned. Methods of assessment include the following: literature circles, class reading, essays, quizzes, tests, presentations, research projects, portfolios. Students will be expected to read more challenging texts and write more in-depth papers.

- Students can elect to take this course as a College Credit Plus Course

ENG122S Composition II 1 Credit Semester Course

Recommended for Seniors

Pre-requisite: Passing mark on Edison's Placement Test or ACT/SAT and the successful completion of ENG121S.

Study and practice of essay writing, including formal essays, reviews, and research papers, based on the study of logic and library research. Writings will stress organization, argument, referencing techniques, and the use of standard English.

- Students can elect to take this course as a College Credit Plus Course

COM121S Fundamentals of Communication 1 Credit Semester Course

Recommended for Seniors

Pre-requisite: Passing mark on Edison's Placement Test or ACT/SAT.

Introduction to principles of effective oral communication. Activities will involve the sending and receiving of verbal and nonverbal messages in all contexts, with an emphasis on presentational speaking skills.

- Students can elect to take this course as a College Credit Plus Course

245 Advanced Placement English Literature & Composition 1 Credit Full Year Course

Pre-requisite: Students must pass English 11 Honors with a final grade average of an A- or higher. Instructor approval is required. AP Agreement required. **Summer reading is required for this course.

A college level learning experience, English 12-Advanced Placement is a full year course. The class is a challenging and thought-provoking course, which asks students to understand and interpret literature. The course will emphasize literature and analytical writing. Students who take this course will take the Advanced Placement Exam, with the opportunity to earn college credit. The methods of evaluation may include individual writing, essays, quizzes, projects, and reports. Extensive reading is required.

Projected Course Fees: \$105 (\$85 AP Exam Fee + texts purchased for course)

MATHEMATICS DEPARTMENT

All FLHS Math Courses must be completed in sequence unless approved by the instructor.

410 Algebra I 1 Credit Full Year Course

Prerequisite: Students must have earned a credit in Pre-Algebra.

Graphing Calculator: Students are required to have a Graphing Calculator. Acceptable models include TI-84, TI-84 Plus, TI-84 Plus Silver Edition, TI-84 Plus C Silver Edition, or a TI-84 Plus CE. Fort Loramie Local Schools has a limited quantity of graphing calculators available for rental.

Algebra is the language through which most of mathematics is communicated. Therefore, it is a prerequisite to further formal work in all mathematical subjects, including courses such as statistics and calculus, which would be taken following high school. This course will extend algebraic concepts developed in grades 5-8, but will focus on algebra's logical framework. Students will represent situations that involve variable quantities with expressions, equations, and inequalities. They will operate on expressions in various ways and solve equations and inequalities. Students will be given ample opportunity to develop skills in problem solving. The methods of evaluation may include tests, quizzes, homework, and a notebook.

411 Applied Algebra 1 1 Credit Full Year Course

Teacher Recommendation Required

Graphing Calculator: Students are required to have a graphing calculator. Acceptable models include all versions of TI-84. Fort Loramie Local Schools has a limited quantity of these calculators available to rent.

Algebra is the language through which most of mathematics is communicated. Therefore, it is a prerequisite to further formal work in all mathematical subjects, including courses such as statistics and calculus, which would be taken following high school. This course will cover algebraic concepts developed in grades 5-8, but will focus on the fundamental skills of

algebra's logical framework. Students will represent situations that involve variable quantities with expressions, equations, and inequalities. They will operate on expressions in various ways and solve equations and inequalities in one and two variables. Students will be given opportunities to develop skills in problem solving. The methods of evaluation will include tests, quizzes, and homework.

420 Geometry **1 Credit** **Full Year Course**

Prerequisite: Students must have earned a credit in Algebra I or Algebra I-B.

Graphing Calculator: Students are required to have a Graphing Calculator. Acceptable models include TI-84, TI-84 Plus, TI-84 Plus Silver Edition, TI-84 Plus C Silver Edition, or a TI-84 Plus CE. Fort Loramie Local Schools has a limited quantity of graphing calculators available for rental.

Plane and solid geometry are integrated in this mathematics course. The primary objectives of the course are: to develop an understanding of the meaning and nature of mathematical proof; to improve the quality of thinking and reasoning in nonmathematical situations; to provide an understanding of two and three dimensional relationships and to develop further the mathematical concepts of an arithmetical nature. Emphasis will be placed on developing critical thinking skills as they relate to logical reasoning and argument. The methods of evaluation may include tests, quizzes, homework, and a notebook.

421 Applied Geometry **1 Credit** **Full Year Course**

Teacher Recommendation Required

Graphing Calculator: Students are required to have a graphing calculator. Acceptable models include all versions of TI-84. Fort Loramie Local Schools has a limited quantity of these calculators available to rent.

Plane and solid geometry are integrated in this mathematics course. The primary objectives of the course are: to develop an understanding of mathematical proof; to improve the quality of thinking and reasoning in nonmathematical situations; to provide an understanding of two and three dimensional relationships and to develop mathematic concepts of an arithmetic nature. Emphasis will be placed on developing critical thinking skills as they relate to logical reasoning and argument. The methods of evaluation will include tests, quizzes, and homework.

430 Algebra II **1 Credit** **Full Year Course**

Prerequisite: Students must have earned a credit in Geometry.

Graphing Calculator: Students are required to have a Graphing Calculator. Acceptable models include TI-84, TI-84 Plus, TI-84 Plus Silver Edition, TI-84 Plus C Silver Edition, or a TI-84 Plus CE. Fort Loramie Local Schools has a limited quantity of graphing calculators available for rental.

Algebra II is a continuation and broadening of the concepts introduced in Algebra I such as number systems, operations of polynomials, equations, and inequalities. Also included is a study of more advanced topics pertaining to mathematical relations, functions, systems of linear open sentences, and irrational and complex numbers. Several graphing calculator applications are introduced. The methods of evaluation may include projects, tests, quizzes, homework, and a notebook.

435 Advanced Algebra **1 Credit** **Full Year Course**

Prerequisite: Students must have earned a credit in Algebra II.

Graphing Calculator: Students are required to have a Graphing Calculator. Acceptable models include TI-84, TI-84 Plus, TI-84 Plus Silver Edition, TI-84 Plus C Silver Edition, or a TI-84 Plus CE. Fort Loramie Local Schools has a limited quantity of graphing calculators available for rental.

The Advanced Algebra course first reviews some concepts introduced in Algebra II and then includes some Pre-calculus concepts. The Pre-calculus concepts will not be investigated in as much depth or with as much application as in the Pre-calculus course. Some topics covered are: graphing quadratic and higher degree equations, solving quadratic and higher degree equations and inequalities, conic sections, solving systems of equations, exponential and logarithmic functions, and trigonometry. Graphing calculators will be used to facilitate learning. The methods of evaluation may include projects, tests, quizzes, homework, and a notebook.

440 Pre-Calculus **1 Credit** **Full Year Course**

Instructor approval is required.

Prerequisite: Students must have earned a "B" or higher in Geometry and Algebra II.

Graphing Calculator: Students are required to have a Graphing Calculator. Acceptable models include TI-84, TI-84 Plus, TI-84 Plus Silver Edition, TI-84 Plus C Silver Edition, or a TI-84 Plus CE. Fort Loramie Local Schools has a limited quantity of graphing calculators available for rental.

The Pre-Calculus course will provide a foundation of pre-calculus concepts, techniques, and applications. Some calculus will also be covered. Several topics include: Functions and Graphs/Polynomial, Power and Rational Functions/Exponential, Logistic and Logarithmic Functions/Trigonometric Functions/Analytic Trigonometry/Applications of Trigonometry. Exercise sets help students apply advanced math to business, economics, manufacturing, physics, agriculture, physiology, and other areas. To facilitate learning, graphing calculators are integrated as tools throughout the course. The methods of evaluation may include projects, tests, quizzes, homework, and a notebook.

- Students can elect to take this course as a College Credit Plus Course

445 Advanced Placement Calculus AB 1 Credit Full Year Course

Instructor approval is required. AP agreement required.

Prerequisite: Students must have earned a “B” or higher in Pre-Calculus.

Graphing Calculator: Students are required to have a Graphing Calculator. Acceptable models include TI-84, TI-84 Plus, TI-84 Plus Silver Edition, TI-84 Plus C Silver Edition, or a TI-84 Plus CE. Fort Loramie Local Schools has a limited quantity of graphing calculators available for rental.

AP Calculus AB is a college-level course in differential and integral calculus, equivalent to one semester of calculus at most universities. Topics include a review of functions, an introduction to limits and continuity, derivatives and their applications, integrals and their applications, anti-derivatives and the Fundamental Theorem of Calculus, and an introduction to differential equations using slope fields. There is an emphasis on conceptual understanding and working with functions represented graphically, numerically, analytically, and verbally. The TI-84 graphing calculator is used extensively. The Advanced Placement Calculus AB exam is expected of all students in this course. More information can be found at <http://www.collegeboard.com/ap/students/calculus/> The methods of evaluation may include projects, tests, quizzes, and homework.

Projected Course Fees: \$85 (AP Exam Fee)

SCIENCE DEPARTMENT

710S Life Science 1 Credit Full Year Course

Prerequisite: Teacher Recommendation required

This course investigates the composition, diversity, complexity and interconnectedness of life on Earth. Fundamental concepts of ecology, cells, genetics, evolution, plants and animals provide a framework of understanding about life. Students will explore the living world, physical environment and interactions between them. Students will engage in investigations and lab exercises to help deepen their understanding. Dissection is required.

Projected Course Fees: \$21 (Lab & Class Supplies)

710 Biology I 1 Credit Full Year Course

This course investigates the composition, diversity, complexity and interconnectedness of life on Earth. Concepts of ecology, cells, genetics, evolution, plants and animals provide a framework through inquiry-based instruction to explore the living world, the physical environment and the interactions within and between them. Students will engage in investigations to understand and explain the behavior of living things in a variety of scenarios that incorporate scientific reasoning, analysis, communication skills and real-world applications. Dissection is required.

Projected Course Fees: \$21 (Lab & Class Supplies)

715 Physical Science 1 Credit Full Year Course

The purpose of this course is to introduce students to the studies of chemistry and physics. Students will cover topics such as matter, its properties and changes it undergoes, the periodic table, motion, forces, energy waves and more. Emphasis will be placed on learning concepts through small group interactions, laboratory activities and projects.

Projected Course Fees: \$10 (Lab & Class Supplies)

720 Anatomy & Physiology 1 Credit Full Year Course

Prerequisite: “B” average in Biology I and either Physical Science or Chemistry, or Instructor Approval

This course is a preliminary investigation into the structure and functions of the human body. Emphasis is placed on cells, tissues, skin, skeletal, muscle, nervous and sensory organs. It is recommended for students interested in a career in the medical field. Multiple body systems will be examined as well as diseases that affect these body systems and current medical research. Dissection is required as an integral part of learning. Additional laboratory experiments & projects will also aide in learning.

- Students can elect to take this course as a College Credit Plus Course

Projected Course Fees: \$38 (Lab & Class Supplies)

725 Forensic Science 1 Credit Full Year Course

Prerequisite: Biology I (or Life Science with instructor approval) and Physical Science (Chemistry and Anatomy & Physiology Recommended)

Forensic science is the application of basic biological, chemical and physical science principles and technological practices to the purposes of justice in the study of criminal and civil issues. This course will present the scientific principles and laboratory and field methods forensic scientists use to solve problems. Students will explore how to collect, handle, and evaluate evidence. Topics studied include crime scene analysis, chromatography, hair and fiber analysis, DNA technology and its uses, toxicology, anthropology, pathology, ballistics, fingerprints, impression evidence,

questioned documents, criminalistics and career opportunities. After developing a foundation of knowledge students will take on the various roles of crime scene investigator, scientists and medical examiner in order to collect and evaluate evidence in a mock criminal investigation.

- This class will only be offered if there are enough requests & if the schedule allows

Projected Course Fees: **\$35 (Lab & Class Supplies)**

731 Chemistry 1 Credit Full Year Course

Pre / Co-requisite: Algebra II, or permission of instructor.

The purpose of this class is to introduce the student to chemical concepts, measuring and lab methods. This is a college preparatory course dealing with the study of matter, its properties, and the changes it undergoes. Topics include studies of the physical and chemical properties of solids, liquids, gases, and solutions. Emphasis will be placed on learning concepts through small group interactions, laboratory activities and projects.

- Students can elect to take this course as a College Credit Plus Course

Projected Course Fees: **\$15 (Lab & Class Supplies)**

732 Advanced Biology 1 Credit Full Year Course

Prerequisite: Strong background in Biology I, Chemistry and English Composition AND permission from Instructor

Students will continue study of the basic concepts of biology with emphasis on the structure and function of animal and plant systems, distribution of organisms and ecology. Students will learn about the structure/function, growth/development, resource acquisition and reproduction of vascular plants. The basic organization of human anatomy and physiology will be covered as well as an overview of each organ system and how the body maintains homeostasis as a whole. Several animal phyla will be explored including the adaptations of those phyla and the form/function of organisms as well as their behavior interactions. Information will then be synthesized to examine the interrelatedness of the biosphere and man's impact through the study of ecological interactions. The course will consist of projects and dissections to aid in learning.

- Students can elect to take this course as a College Credit Plus Course

****Students may be responsible for purchasing books or borrowing from the library**

Projected Course Fees: **\$50**

740 Physics 1 Credit Full Year Course

Prerequisite: Algebra I, Geometry, or permission of instructor

Co-requisite: Algebra II

The purpose of this course is to help the student understand the concepts of physics, gain first-hand experience with using the scientific method, and develop problem-solving techniques by stressing the relationship of physics and how it relates to the world. This is a college preparatory course dealing with the study of mechanics (motion, forces, vectors, work and energy), materials, waves, light and sound, and electricity and magnetism. Emphasis will be placed on learning concepts through small group interactions, laboratory activities and projects.

- Students can elect to take this course as a College Credit Plus Course

Projected Course Fees: **\$10 (Lab & Class Supplies)**

745 Advanced Placement Physics 1: Algebra-Based 1 Credit Full Year Course

Instructor approval is required. AP agreement required.

Prerequisite: Students must have earned a "B" or higher in Geometry and Chemistry

Co-requisite: Algebra II

AP Physics 1 is equivalent to a first-semester college level course in algebra-based physics. The course covers mechanics (motion and forces), rotational dynamics and angular momentum, work, energy and power, mechanical waves and sound and electric circuits. Students will learn the concepts of physics, gain first-hand experience with using the scientific method, and develop problem-solving techniques by stressing the relationship of physics and how it relates to the world. The methods of evaluation may include projects, labs, tests, quizzes, and completion of homework.

Projected Course Fees: **\$95 (AP Exam Fee (\$85) & Lab Fees)**

SOCIAL STUDIES DEPARTMENT

810 American History 1 Credit Full Year Course

American History is designed as a survey course in American History covering the periods following the Reconstruction through Post 9-11 America. Students will gain a better understanding of the events and thoughts, which enabled us to develop and build a nation and then almost destroy what we had built, as well as the events surrounding the United States involvement

and fighting of two world wars, the turbulent years of the Korean and Vietnam conflicts, the problems of a Presidential resignation and changes to domestic and foreign policy after the events of September 11, 2001. Students will need to understand and interpret some of the events and philosophies throughout this period of time; including American industrialism and imperialism. The methods of evaluation may include tests and quizzes.

820 World History **1 Credit** **Full Year Course**

The World History course is designed to give students a general understanding of the development of mankind from the Enlightenment through present day. Included will be such topics as the Enlightenment, revolutions around the world, industrialization, imperialism, World War I, worldwide depression, World War II, the Cold War, the fall of Communism and the Post-Cold War era. The methods of evaluation may include projects, tests, and quizzes.

830 American Government **½ - 1 Credit** **Semester Course**

American Government is designed to be the culmination of the student's investigation in the social sciences. It will require the students to understand many different aspects of the operation of the American governmental system, form opinions concerning numerous events, and justify those opinions. We will investigate governmental operations, not only in the United States, but also those occurring throughout the world. The students will gain a better understanding of how to effectively bring about reform within the democratic setting. The methods of evaluation may include tests and quizzes.

- Students can elect to take this course as a College Credit Plus Course

845 Advanced Placement US Government & Politics **1 Credit** **Full Year Course**

Prerequisite: Advanced Placement Agreement required. Instructor Approval Required.

Advanced Placement American Government is an intensive college preparatory course in Political Science focusing on the theories of government, America's philosophical and historical heritage, the U.S. Constitution, U.S. Government in all phases, U.S. politics, & the policymakers. The methods of evaluation will include homework, quizzes, tests, discussions and essays. Students will be expected to take the AP test in May. Many colleges reward credit based on achieving the institutions established test score criteria.

Projected Course Fees: \$120 (\$85 AP Exam Fee & \$35 AP Study Guide & Reader)

850 Advanced American History **½ - 1 Credit** **Semester Course**

Prerequisite: Passing grade in American History

Advanced American History is a research-based history class. One purpose of the class would be to "dig a little deeper" than a mere text oriented class. Rather than study chapters or time periods out of textbook, students will research areas of interest to them. Using traditional research methods and resources as well as the latest technological resources, students will create individual projects and reports. In addition, class may from time to time read various historical works. This may include but not be limited to biographies, general nonfiction or even historical novels. The methods of evaluation may include individual projects and reports.

- Students can elect to take this course as a College Credit Plus Course

851 Western Civilization **½ - 1 Credit** **Semester Course**

Prerequisite: Passing grade in American History

Survey of the development of the civilization of the West from the 18th century to modern times, emphasizing the distinctive characteristics of Western culture; the ideas, individuals, and institutions that shaped it; and the influence of Western culture on the world.

- Students can elect to take this course as a College Credit Plus Course

853 Ohio History **1/2 Credit** **Semester Course**

Prerequisite: At least one credit earned in American History

A survey of Ohio's history from its early Native Americans inhabitants to the present. The general geographical, social, cultural, political, constitutional, intellectual, and economic development of Ohio will be examined. Special attention will be given to the following topics: geographic regions, cultural interactions, life in Ohio, statehood, and the significance of Ohio in national history.

- This class will only be offered if there are enough requests & if the schedule allows

854 Economics **1/2 Credit** **Semester Course**

Prerequisite: At least one credit earned in a History course or Instructor Approval

Macroeconomics is the study of how resources, goods and services are distributed among a society. In that study, we will look at how societies set up the activities and institutions that are put in place to satisfy a society's needs and wants. Concepts such as growth, inflation, and unemployment at the national level are covered. The course is designed to make students understand the broad scope of economics at the large scale. The methods of evaluation may include quizzes, projects and tests.

- This class will only be offered if there are enough requests & if the schedule allows

Projected Course Fees: \$8 (Workbook)

860 General Psychology **1 Credit** **Semester Course**

Prerequisite: Students must be eligible to take CCP courses through Edison State CC

Introduction to the scientific study of behavior and mental processes with an emphasis on personality, learning and memory, human sexuality, lifespan development, sensation and perception, health psychology, abnormal behavior and interventions, social psychology, stress, motivation, and states of consciousness. This course will be offered online through Edison Community College. Students who take this course will be taught by an Edison professor, but will have a class period solely to work on this course scheduled into their course load.

- Students who take this course will earn 3 college credits through Edison State Community College

865 Introduction to Sociology **1 Credit** **Semester Course**

Prerequisite: Students must be eligible to take CCP courses through Edison State CC

Basic concepts, theories, and scientific methodology of sociology. Includes an emphasis on processes through which people shape and are shaped by their social environment, culture, social structures, and institutions. This course will be offered online through Edison Community College. Students who take this course will be taught by an Edison professor, but will have a class period solely to work on this course scheduled into their course load.

- Students who take this course will earn 3 college credits through Edison State Community College

PHYSICAL EDUCATION DEPARTMENT

620 Health **1/2 Credit** **Semester Course**

The Health class will provide the student with basic health knowledge such as community and personal health, with emphasis on future health practices. Some topics discussed include: smoking, drugs, alcohol, family relationships, emotions, etc. The methods of evaluation may include participation in class, test and quiz scores, class assignments, and homework grades.

631 Co-ed Physical Education **1/4 Credit** **Semester Course**

The Physical Education class will be offered on a 4-day per week basis each semester. Two semesters of physical education fulfill the student's requirement for graduation. This course will give the student contact and instruction in a wide range of activities including team sports, individual sports, and general physical fitness. Physical Education is a participation course and will be graded according to attendance and participation in class.

632 Strength and Conditioning **1/4 Credit** **Semester Course**

Prerequisite: 1/4 Credit of Co-ed Physical Education or Completed PE Waiver (see below)

Students will learn proper lifting techniques while increasing overall body strength. Participating students will become more knowledgeable about the components of becoming physically fit. The class will focus mainly on Free weights, core strength, plyometrics and agility. Students need no prior knowledge to participate.

PHE-Opt Physical Education Waiver Option

The Ohio Revised Code requires that high school students to accumulate 1/2 credit of physical education for graduation. A new option that is available to schools is to allow students who compete in two complete seasons of interscholastic sports, cheerleading or two full credits of marching band to be excused from the physical education requirement. Students receive no credit for participation in interscholastic athletics, only exemption from the physical education requirement. Students will have to choose other course offerings to make up the 1/2 credit.

A student must use one method or the other to fulfill the graduation requirement. Students who select this option cannot opt to take less than the full 1/2 credit or two full seasons of interscholastic sports, cheerleading or the full credits of marching band. For example, they may not choose to trade 1/4 physical education credit for 1 season in sports. The coach, cheer advisor and band director is responsible for providing a roster of students who participated in interscholastic sports, cheerleading or band to the guidance department at the end of each season. If a student-athlete is cut, quits or does not complete a full athletic season for any reason, the season does not count as one of the full two seasons. The student would then be responsible to make up the physical education credit

WORLD LANGUAGES DEPARTMENT

310 Spanish I **1 Credit** **Full Year Course**

Prerequisite – A student must earn a ‘C’ or better in English 8 to enroll in Spanish I.

In Spanish I students will learn the basic components of the Spanish language. They will focus on pronunciation, grammar structures, verb conjugation, vocabulary and word order. Students will gain knowledge of the Spanish/Hispanic culture and customs and connect with other disciplines as well. The methods of evaluation include written and verbal tests, daily homework, verbal presentations, listening and comprehension exercises, and projects.

Projected Course Fees: \$10 (Dictionary and Class Materials)

320 Spanish II 1 Credit Full Year Course

Prerequisite – A student must earn a ‘C’ or better in Spanish I to enroll in Spanish II.

Students will build upon the fundamental elements of the Spanish language that they acquired during their first year of study in the Spanish II course. They will continue to focus on pronunciation, grammar structures, verb conjugation and tenses, vocabulary and word order. Students will continue to combine all of these components in order to read, write, speak and understand the Spanish language. Students will also continue with the study of the Spanish/Hispanic culture and customs. The methods of evaluation include written and verbal tests, homework, verbal presentations, listening and comprehension exercises, and projects.

Projected Course Fees: \$20 (Workbook and Class Materials)

330 Spanish III 1 Credit Full Year Course

Prerequisite – A student must earn a ‘B’ or better in Spanish II to enroll in Spanish III.

In Spanish III students will build on the fundamental elements of the Spanish language that they acquired during their first two years of study. Students will review pronunciation and word order. They will progress with more depth into grammar structures, verb conjugation and tenses and vocabulary. Students will continue to combine these components in order to read, write, speak and understand the language. They will also continue the study of the Spanish/Hispanic culture and customs. The methods of evaluation include written and verbal tests, homework, verbal presentations, listening and comprehension exercises, and projects.

- Students can elect to take this course as a College Credit Plus Course

Projected Course Fees: \$14 (Reader and Class Materials)

340 Spanish IV 1 Credit Full Year Course

Prerequisite – A student must earn a ‘B’ or better in Spanish III to enroll in Spanish IV.

Students will continue to develop their knowledge of the Spanish language in the Spanish IV course. They will periodically review pronunciation and word order as well as grammar structures, verb conjugation and tenses, and vocabulary. Students will focus in a much greater extent on reading, writing and speaking in Spanish. They will also continue to gain knowledge of the Spanish/Hispanic culture and customs. The methods of evaluation include written and verbal tests, homework, verbal presentations, listening and comprehension exercises, and projects.

- Students can elect to take this course as a College Credit Plus Course
- This class will only be offered if there are enough requests & if the schedule allows

Projected Course Fees: \$16 (Reader and Class Materials)

MUSIC DEPARTMENT

500 Band 1.5 Credits Full Year Course

Band is a full year course that trains students to improve their musicianship and develop a lifelong appreciation of music through instruments. This performance-based class will prepare students for various activities including concerts, contests, sporting events, and parades throughout the school year and summer. Performances and practices are scheduled on during the school day, evenings, weekends, and summer. Students will have the option to perform in Solo and Ensemble, Pit Orchestra, and Honor Bands throughout the year. The methods of evaluation include playing tests, written tests, attendance, and participation evaluations.

Projected Course Fees: \$15

501 Chorus 1 Credit Full Year Course

The high school Chorus is a musical organization that develops the singing voices of its members and provides additional training for young musicians. Activities, rehearsals, and performances are held in the evenings and on weekends throughout the school year, and attendance is required. The methods of evaluation may include singing and written tests, worksheets, attendance, and participation evaluations.

Projected Course Fees: \$10

502 Color Guard 1/2 Credit Semester Course

Instructor approval is required.

The Color Guard is an outdoor performance ensemble. This ensemble will perform with the marching band using flags, and other select pieces of equipment. The students will be expected to perform at all football games, and various other marching events during the 1st semester. Attendance at all performances and practices is expected. The students will also have an opportunity to participate in the winter guard performance ensemble.

Projected Course Fees: \$15

503 Drama I **1/2 Credit** **Semester Course**
First class in the performance sequence. Emphasis on script analysis, fundamentals of acting, history of theatre, musical theater, and improvisation. This course is designated as hands-on fine arts division general education course.

504 Drama II **1/2 Credit** **Semester Course**
Second class in the performance sequence. Emphasis on set production and the modern theatre, with continued learning on script analysis, fundamentals of acting, history of theatre, musical theater, and improvisation.

ART DEPARTMENT

510 Art 1 **1 Credit** **Full Year Course**
Art Appreciation 1 is an introductory course, which makes use of various materials and techniques in combination with art history, art criticism, and art appreciation. Art Appreciation 1 focuses on the study of art and artists of different periods and cultures. Various basic studio projects shall be completed utilizing various types of media and artistic techniques. The methods of evaluation may include art projects, homework and in-class assignments, oral and written critiques, quizzes, tests, and a semester exam.

Projected Course Fees: **\$40**

512 Painting 1 **1/2 Credit** **Semester Course**

Prerequisite: Art 1 and Drawing 1

Painting 1 offers a continuation of drawing concepts learned in Drawing 1. These concepts and skills will be utilized in an introduction to the material and subject possibilities of painting. The emphasis is on composition, painting techniques, and basic color theory utilizing materials such as ink, pastels, watercolors, and acrylics. The methods of evaluation may include art projects, homework, in-class assignments, oral and written critiques, and a semester exam.

Projected Course Fees: **\$20**

513 Painting 2 **1/2 Credit** **Semester Course**

Prerequisite: Art 1, Drawing 1, and Painting 1

Painting 2 is very similar to Painting 1 with more emphasis on composition, painting techniques, and color theory utilizing materials such as ink, pastels, watercolors, and acrylics. The methods of evaluation may include art projects, homework, in-class assignments, and a semester exam. The methods of evaluation may include art projects, homework, in-class assignments, oral and written critiques, and a semester exam.

Projected Course Fees: **\$20**

514 Drawing 1 **1/2 Credit** **Semester Course**

Prerequisite: Art 1

Drawing 1 encourages the development of skills and the education of the artist's eye. It is a basic drawing course, which encompasses all free hand and technical drawing concerns, including subject matter and various drawing materials, as well as basic design and compositional concerns. The methods of evaluation may include art projects, homework, in-class assignments, oral and written critiques, and a semester exam.

Projected Course Fees: **\$20**

515 Drawing 2 **1/2 Credit** **Semester Course**

Prerequisite: Art 1 and Drawing 1

Drawing 2 is very similar to Drawing 1 with a continuation of the development of basic drawing skills and techniques. The methods of evaluation may include art projects, homework, in-class assignments, oral and written critiques, and a semester exam.

Projected Course Fees: **\$20**

516 Sculpture 1 **1/2 Credit** **Semester Course**

Prerequisite: Art 1 and Drawing 1

Sculpture 1 is an introductory course, which focuses on the basic elements of three-dimensional forms and design. This course focuses on the basic concepts of modeling, carving, and constructing three-dimensional forms using various materials such as wood, clay, paper-maché, wire, etc. The methods of evaluation may include art projects, homework, in-class assignments, oral and written critiques, and a semester exam.

Projected Course Fees: **\$30**

517 Sculpture 2 **1/2 Credit** **Semester Course**

Prerequisite: Art 1, Drawing 1, and Sculpture 1

Sculpture 2 is very similar to Sculpture 1, focusing on basic elements of three-dimensional forms and design. The methods of evaluation may include art projects, homework, in-class assignments, oral and written critiques, and a semester exam.

Projected Course Fees: \$30

518 Sculpture 3 1/2 Credit Semester Course

Prerequisite: Art 1, Drawing 1, and Sculpture 1, 2

Sculpture 3 is very similar to Sculpture 1 and 2, but with more focus on advanced elements of three-dimensional forms and design. The methods of evaluation may include art projects, homework, in-class assignments, oral and written critiques, and a semester exam.

Projected Course Fees: \$30

519 Sculpture 4 1/2 Credit Semester Course

Prerequisite: Art 1, Drawing 1, and Sculpture 1, 2, 3

Sculpture 3 is very similar to Sculpture 1, 2, and 3, but with more focus on advanced elements of three-dimensional forms and design. The methods of evaluation may include art projects, homework, in-class assignments, oral and written critiques, and a semester exam.

Projected Course Fees: \$30

520 Painting 3 1/2 Credit Semester Course

Prerequisite: Art 1, Drawing 1, and Painting 1, 2

Painting 3 is very similar to Painting 1 and 2, with emphasis on a more advanced understanding of composition, painting techniques, and color theory utilizing materials such as ink, pastels, watercolors, and acrylics. The methods of evaluation may include art projects, homework, in-class assignments, and a semester exam. The methods of evaluation may include art projects, homework, in-class assignments, oral and written critiques, and a semester exam.

Projected Course Fees: \$20

521 Painting 4 1/2 Credit Semester Course

Prerequisite: Art 1, Drawing 1, and Painting 1, 2, 3

Painting 4 is very similar to Painting 1 and 2, with emphasis on a more advanced understanding of composition, painting techniques, and color theory utilizing materials such as ink, pastels, watercolors, and acrylics. The methods of evaluation may include art projects, homework, in-class assignments, and a semester exam. The methods of evaluation may include art projects, homework, in-class assignments, oral and written critiques, and a semester exam.

Projected Course Fees: \$20

522 Drawing 3 1/2 Credit Semester Course

Prerequisite: Art 1 and Drawing 1, 2

Drawing 3 is very similar to Drawing 1 and 2, but with a focus on the development of more advanced drawing skills and techniques. The methods of evaluation may include art projects, homework, in-class assignments, oral and written critiques, and a semester exam.

Projected Course Fees: \$20

523 Drawing 4 1/2 Credit Semester Course

Prerequisite: Art 1 and Drawing 1, 2, 3

Drawing 4 is very similar to Drawing 1, 2 and 3, but with a focus on the development of more advanced drawing skills and techniques. The methods of evaluation may include art projects, homework, in-class assignments, oral and written critiques, and a semester exam.

Projected Course Fees: \$20

525 Independent Study – Art 1/2 Credit Semester Course

Instructor approval is required. This course is intended for Juniors and Seniors.

Prerequisite: Art Appreciation 1 & 2, Drawing 1 & 2, Painting 1 & 2, Sculpture 1

Independent study is an advanced course that focusses on portfolio development for students wishing to peruse an art major in college. Students are encouraged to complete projects using a variety of techniques and mediums. The methods of evaluation may include art projects, homework, in-class assignments, oral and written critiques, and a semester exam.

Projected Course Fees: \$30

530 Computer Art 1 1 Credit Full Year Course

Instructor approval is required. Prerequisites: Art Appreciation 1 & 2, Drawing 1

Computer Art 1 is an advanced course, which expands upon previously learned fundamental drawing techniques, concepts, and skills. Along with these skills, this course focuses on basic understanding of digital photography, printing, and the use of computer technology and software as an avenue to create digital art. The methods of evaluation may include art projects, homework, in-class assignments, oral and written critiques, and a semester exam.

Projected Course Fees: \$60 (Professional Printing Supplies)

531 Computer Art 2 **1 Credit** **Full Year Course**

Instructor approval is required. Prerequisites: Art Appreciation 1 & 2, Drawing 1, Computer Art 1

Computer Art 2 is an advanced course, which expands upon previously learned fundamental drawing techniques, concepts, and skills. Along with these skills, this course focuses on a more advanced understanding of digital photography, printing, and the use of computer technology and software as an avenue to create digital art. The methods of evaluation may include art projects, homework, in-class assignments, oral and written critiques, and a semester exam.

Projected Course Fees: **\$60 (Professional Printing Supplies)**

COMPUTER EDUCATION DEPARTMENT

131 Accounting I **1 Credit** **Full Year Course**

Accounting I is the study and development of the basic skills involved in recording the changing values of assets, liabilities and owner's equity. Knowledge gained is applied to individuals, single owner businesses, partnerships, and corporations. The methods of evaluation may include unit tests, problem tests, quizzes, problem quizzes, daily assignments special projects, and computer lab work.

- Students can elect to take this course as a College Credit Plus Course

Projected Course Fees: **\$35 (Workbooks)**

132 Accounting II **1 Credit** **Full Year Course**

Prerequisite: Accounting I

Accounting II further develops those skills learned in the first year course. The student is introduced to common types of business records, basic data processing, and the methods for using accounting data to make decisions and interpret information. The course is vocational and career oriented for the student desiring a career in the accounting field. The methods of evaluation may include unit tests, problem tests, quizzes, problem quizzes, daily assignments, special projects, and computer lab work.

Projected Course Fees: **\$35 (Workbooks)**

140 Computer Applications I **1/2 Credit** **Semester Course**

The Computer Applications I course is designed to show students how computers are applied in society. Students will be using computers to do all activities. This includes an introduction of Windows and popular word processing, spreadsheet, and presentation programs. The methods of evaluation may include tests, quizzes, class participation, and teacher evaluation. Enrollment will be limited to 1 student per computer.

Projected Course Fees: **\$5**

145 Computer Applications II **1/2 Credit** **Semester Course**

Prerequisite: Computer Applications I

The Computer Applications II course continues many of the same concepts of Computer Applications I with the additions of desktop publishing, database software, and video. The methods of evaluation may include tests, quizzes, class participation, and teacher evaluation.

Projected Course Fees: **\$5**

146 Advanced Computer Applications **1/2 Credit** **Semester Course**

Prerequisite: Computer Applications I and Computer Applications II or teacher approval.

The Advanced Computer Applications course is designed to provide the opportunity for students to advance their skills in the computer operating system using the current version of Microsoft Windows, word processing using Microsoft Word, spreadsheet software using Microsoft Excel, database concepts using Microsoft Access, and presentation software using Microsoft PowerPoint. The methods of evaluation may include tests, quizzes, class participation, and teacher evaluation.

- Students can elect to take this course as a College Credit Plus Course

Projected Course Fees: **\$5**

150a,b New Technologies **1/2 Credit** **Semester Course**

Prerequisite: Computer Applications I and Computer Applications II or teacher approval.

The New Technologies course will be an applications course in which students will use many of the skills learned in Computer Applications I and II and expand on their knowledge. The student will work on several different types of software programs that are available. The methods of evaluation may include projects, class participation and teacher evaluation. This course may be repeated (No exam is given in this class).

Projected Course Fees: **\$5**

150c,d Independent Study – Computers **1/4 Credit** **Semester Course**

Instructor approval is required.

AGRICULTURAL EDUCATION DEPARTMENT

Agricultural Education courses make a positive difference in the lives of students by developing their potential for premier leadership, personal growth and career success. Agricultural education instruction is delivered through three major components: 1) classroom/laboratory instruction (contextual learning) 2) supervised agricultural experience programs (work-based learning) and 3) student leadership organizations (National FFA Organization). The Agriculture and Environmental Systems program is a satellite of the Upper Valley Career Center.

*****Note- A maximum of 1 science credit may be earned for successfully completing two years of applicable agricultural classes.**

****Please see pages 23-24 for further information regarding the Agricultural Department's articulation with Post-Secondary Institutions.**

920 Agriculture, Food and Natural Resources (AFNR) 1.25 Credits Full Year Course

Course Requirements: FFA membership and participation, Supervised Agricultural Experience

This first course in the career field is an introduction to Agricultural and Environmental Systems. Students will be introduced to the scope of the Agricultural and Environmental Systems career field. They will examine principles of food science, natural resource management, animal science & management, plant & horticultural science, power technology and bioscience. Students will examine the FFA organization and Supervised Agricultural Experience programs. Throughout the course, students will develop communication, leadership and business skills essential to the agriculture industry.

This course is worth 0.5 science credits and 0.75 elective credits

Projected Course Fees: \$20 Class Supplies + \$20 FFA Membership = \$40 Total Fee

922 Plant & Animal Science 1.25 Credits Full Year Course

Prerequisite: Agriculture, Food and Natural Resources (AFNR)

Course Requirements: FFA membership and participation, Supervised Agricultural Experience

Students will apply knowledge of animal and plant science to the agriculture industry. They will be introduced to the value of production animals relative to the agricultural marketplace. Students will engage in animal classification and selection, body systems, along with animal welfare and behavior in relation to the production of animals. Students will learn principles of plant anatomy and physiology, and the role of nutrition, deficiencies and growing environment on plant production. Throughout the course, business principles and professional skills will be examined.

This course is worth 0.5 science credits and 0.75 elective credits

Projected Course Fees: \$20 Class Supplies + \$20 FFA Membership = \$40 Total Fee

924 Bus. Mgmt. for Agricultural and Environ. Systems 1.25 Credits Full Year Course

Prerequisite: Agriculture, Food and Natural Resources (AFNR) or instructor approval

Course Requirements: FFA membership and participation, Supervised Agricultural Experience

Students will examine elements of business, identify organizational structures and apply management skills while developing business plans, financial reports and strategic goals for new ventures or existing businesses. Learners will use marketing concepts to evaluate the marketing environment and develop a marketing plan with marketing channels, product approaches, promotion and pricing strategies. Throughout the course, students will apply concepts of ethics and professionalism while implications of business regulations will be identified.

Projected Course Fees: \$20 Class Supplies + \$20 FFA Membership = \$40 Total Fee

925 Mechanical Principles 1.25 Credits Full Year Course

Prerequisite: Agriculture, Food and Natural Resources (AFNR) or instructor approval

Course Requirements: FFA membership and participation, Supervised Agricultural Experience

Students will engage in the mechanical principles utilized in animal and plant production systems. They will learn electrical theory, design, wiring, hydraulic and pneumatic theory, along with metallurgy in relation to hot and cold metals. Students will apply knowledge of sheet metal fabrication applicable to the agricultural industry along with identify, diagnose, and maintain small air-cooled engines. Throughout the course, students will learn critical components of site and personal safety as well as communication and leadership skills.

Projected Course Fees: \$30 Class Supplies + \$20 FFA Membership = \$50 Total Fee

927 Agri. and Environ. Systems Capstone 1.25 Credits Full Year Course

Prerequisite: Instructor permission required; must have completed 3 Agricultural Courses

Students apply Agricultural and Environmental Systems program knowledge and skills in a more comprehensive and authentic way. Capstones are project/problem-based learning opportunities that occur both in and away from school.

Under supervision of the school and through partnerships, students combine classroom learning with work experience to benefit themselves and others. These can take the form of mentorship employment, cooperative education, apprenticeships and internships. Those students attending the Upper Valley Career Center will have an option to take this course; see instructor for more information.

Projected Course Fees: \$20 Class Supplies + \$20 FFA Membership = \$40 Total Fee

926 Agri. and Environ. Systems Capstone: Co-Op Exp. 3 Credits Full Year Course

Prerequisite: Instructor permission required; must be concurrently enrolled in Business Management for Agricultural and Environmental Systems.

Course Requirements: Approved employment in agriculturally-related business; subject to approval by instructor

Students apply Agricultural and Environmental Systems program knowledge and skills in a more comprehensive and authentic way. Capstones are project/problem-based learning opportunities that occur both in and away from school.

Under supervision of the school and through partnerships, students combine classroom learning with work experience to benefit themselves and others. These can take the form of mentorship employment, cooperative education, apprenticeships and internships.

Projected Course Fees: \$20 Class Supplies + \$20 FFA Membership = \$40 Total Fee

INDUSTRIAL ARTS DEPARTMENT

934 Wood Working I 1/2 Credit Semester Course

This course will provide the opportunity to develop knowledge and experience by allowing students to design and build their own wood working projects. Students will also learn about the abilities and proper use of power tools in the shop. Quizzes will cover safety information. Emphasis will be placed on safe work practices, time management and social relations with peers during lab time. Projects will be based on the different units throughout the semester using the design process. Daily participation is required on a daily basis and is very important to grading. The exam will be a cumulative test from the various projects and safety information throughout the semester. Due to safety concerns, students are required to wear appropriate footwear (no open toe shoes.)

Projected Course Fees: \$20 (if taken for the semester; \$30 total if Wood I & II are taken in the same year)

935 Wood Working II 1/2 Credit Semester Course

This course will challenge students to advance their knowledge and skills in the shop to push students to create more complex wood working projects. Students will also advance their skills and knowledge of in shop safety. Group projects can be an option (teacher approval required.), quizzes, participation, and projects will determine grading. Independent projects are a possibility but they are dependent on the teachers' approval. The exam will cover shop safety along with various information students covered through the semester. Due to safety concerns, students are required to wear appropriate footwear (no open toe shoes.)

Projected Course Fees: \$20 (if taken for the semester; \$30 total if Wood I & II are taken in the same year)

945 Interior Computer Aided Design 1/2 Credit Semester Course

Students will learn principles and elements of design as they relate specifically to interior spaces and will develop functional and aesthetic design concepts with an emphasis in providing design solutions. Students will use Google Sketch Up to make computer generated, virtual 3D interior designs and select materials for appropriateness, quality, performance, and cost for interior applications. Students use presentation techniques, technical drawings and other visual materials to enhance and present interior designs. Grades will be based on drawing assignments, designs, quizzes, and class participation.

Projected Course Fees: \$10

947 Home Maintenance 1 Credit Full Year Course

This class will focus on problem solving skills with activities related to home maintenance and common household construction. Home Maintenance I projects will include an emphasis on understanding residential framing, basic wiring, plumbing activities, hanging and repairing drywall, along with other interior home maintenance. Students will brainstorm, design, construct and test projects and materials. Students will use and understand the various hand tools, simple wiring techniques, various fastenings methods, and safety procedures when constructing these home maintenance projects. This class will provide students with a better understanding of general home maintenance projects, and also help students identify potential hazards in the home as well as prevent many of these hazards. Many power tools and machines

are used in this class so students must maintain a strong awareness of safety. Due to safety concerns, students are required to wear appropriate footwear (no open toe shoes.)

949 Construction **1 Credit** **Full Year Course**

This class will focus on teaching the skills and basic knowledge to obtain a position in the construction field. Content covered in the class will include brainstorming ideas, creating/reading blueprints, site preparation, and the building process. A major emphasis will be placed on hands-on lab activities which include the designing, and constructing of a mini barn (provided we have a community member in need of one) or a similar project. Students will use and understand the various hand tools, layout procedures, various fastenings methods, and safety procedures when doing residential construction. This class will provide students with a better understanding of residential construction, and also help students identify careers and opportunities available to them in the construction field. Students in this course will have an opportunity to earn an NCCER certification. NCCER stands for National Center for Construction Education Research. This nationally known organization provides students with benefits such as discounts, employment, and project assistance. Many power tools and machines are used in this class so students must maintain a strong awareness of safety. Due to safety concerns, students are required to wear appropriate footwear (no open toe shoes.)

Projected Course Fees: **\$25**

FAMILY AND CONSUMER SCIENCES DEPARTMENT

Family and Consumer Science courses help students develop skills for life. The courses feature a hands-on approach to learning life skills in a fun and lively manner. Students enrolled in Family and Consumer Science courses also have the opportunity to participate in FCCLA (Family, Career and Community Leaders of America) which focuses on community service both in and beyond the classroom. The Family and Consumer Science program is a satellite of the Upper Valley Career Center.

970 Culinary Fundamentals I (Principles of Food) **1/2 Credit** **Semester Course**

This course is intended for Freshmen and Sophomores.

In this course, students will gain knowledge in food selection criteria and apply preparation methods to promote a healthy lifestyle. Students will apply cooking methods, ingredient selection and nutritional information in the context of selected food dishes. Throughout the course, basic food safety and sanitation techniques will be emphasized.

Projected Course Fees: **\$30 (Class Supplies) + \$15 (Membership Fees) = \$45**

972 Culinary Fundamentals II **1/2 Credit** **Semester Course**

Culinary Fundamentals I or instructor approval is required.

In this course, students will apply fundamental culinary techniques, such as knife handling skills and the recognition, selection and proper use of tools and equipment. An emphasis will be placed on mise en place, the management of time, ingredients and equipment. Students will apply standard recipe conversions using proper scaling and measurement techniques.

Projected Course Fees: **\$30 (Class Supplies) + \$15 (Membership Fees) = \$45**

971 Global Foods **1/2 Credit** **Semester Course**

In this course, students will compare cuisines, ingredients and preferred cooking methods of various cultures. The influence of traditions and regional and cultural perspectives on food choices and culinary practices will be emphasized. Students will examine the issues and conditions that affect the availability and quality of food in the global market, and apply advanced cooking techniques, including the use of specialty and advanced equipment in the preparation of food dishes.

Projected Course Fees: **\$30 (Class Supplies) + \$15 (Membership Fees) = \$45**

973 Child Development **1/2 Credit** **Semester Course**

In this course, students will study the principles of child growth, development and behavior. An emphasis will be placed on the cognitive development of a child and sensory and motor skills. Additional topics will include childhood diseases, immunizations, theories of development, learning styles and evaluating childcare services.

Projected Course Fees: **\$5 (Class Supplies) + \$15 (Membership Fees) = \$20**

- *This course will be offered on a rotating schedule with Nutrition & Wellness*

974 Nutrition & Wellness **1/2 Credit** **Semester Course**

In this course, students will use principles of nutrition to ensure a healthy body throughout the lifecycle. An emphasis will be placed on planning and preparing meals with an understanding of nutrients and their benefits, portion control and dietary needs. Additional information will include steroid and supplemental use, body weight and management and the

implementation of physical activity to maintain a healthy lifestyle.

Projected Course Fees: **\$30 (Class Supplies) + \$15 (Membership Fees) = \$45**

- *This course will be offered on a rotating schedule with Child Development*

975 Personal Financial Management **1/2 Credits** **Semester Course**

This course is required for graduation and will be taken during a student's sophomore year.

In this course, students will develop personal financial plans for individual personal well-being. Throughout the course, students will develop financial literacy skills to provide a basis for responsible citizenship and career success. Additional topics will include analyzing services from financial institutions, consumer protection, investing and risk management.

Projected Course Fees: **\$10 (Class Supplies) + \$15 (Membership Fees) = \$25**

976 Leadership & Community Engagement **1/2 Credit** **Semester Course**

In this course, students will learn how to become an active community member and citizen. An emphasis will be placed on in-service learning, leadership training and teambuilding opportunities. Additional topics will include public policy issues, community and global engagement.

Projected Course Fees: **\$10 (Class Supplies) + \$15 (Membership Fees) = \$25**

977 Fashion Design & Construction **1/2 Credit** **Semester Course**

In this course, students will study the visual appearance of fabric and fashion design. Students will identify, analyze and apply production processes and techniques to textiles. Additional topics will include the maintenance and alterations of textiles products, including home interior accessories and garments.

Projected Course Fees: **\$30 (Class Supplies) + \$15 (Membership Fees) = \$25**

III.) EDUCATIONAL OPPORTUNITIES

a. EDUCATIONAL OPTIONS

Board of Education Policy # 2370

The Board recognizes that an effective educational program is one that provides opportunities for student learning both within the classroom and for specific reasons, beyond the traditional classroom and school day. These expanded opportunities are viewed as educational options to supplement the regular school program.

The intent of educational options is to allow educators, other professionals, parents and others to work together to provide opportunities for students to learn in an independent or individual setting and to study or work with recognized experts in specific fields.

Educational options may be made available to pupils.

The superintendent may approve an education option upon evidence that:

- The parent has approved participation for any student under the age of eighteen;
- An instructional plan has been submitted prior to student participation.
- The instructional plan shall include:
 1. Instructional objectives;
 2. An outline including major instructional activities and materials;
 3. A description of criteria and methods for assessing pupil performance;
 4. A licensed teacher shall provide instruction and evaluate student performance in tutorial programs and independent studies;

The following educational options may be approved upon meeting the established requirements.

- Correspondence course - 1 credit – Systematic instruction by mail for make-up courses.
- Independent study - 1 credit - Instruction provided by a licensed teacher.
- Summer school - 1 credit - Instruction in an approved summer program for make-up or to take courses not offered at Fort Loramie High School.
- Post-secondary options - Instruction provided by an approved college/university.

b. EARLY GRADUATION POLICY

Board of Education Policy # 5464

Occasions and circumstances periodically occur in which it would be in the best interest of an individual student to graduate early. Specifically this would include: marriage, pursuit of higher education, or severe family hardship. In such cases, the following criteria are to be satisfied in order for early graduation to be approved by the building principal.

- A student will be required to attend a minimum of seven semesters.
- All required courses would be taken through the Fort Loramie High School Program.
- The student will petition for early graduation **prior** to the seventh semester of high school.
- The parent or guardian will provide written approval.
- The graduation requirements to be met will be those required of the class of which the individual entered High School.
- The individual petitioning for early graduation consideration maintains the privilege of attending and participating in all extra-curricular events including commencement exercises.

Early Graduation Procedure

A student who has successfully met all the criteria and wishes to graduate early will follow the designated procedure to insure early graduation.

- Complete and return the Early Graduation Form **prior** to the seventh semester of high school.
- Establish a meeting date and attend along with parent, guardian, or spouse. This must occur prior to the seventh semester of high school education. The High School Principal and School Counselor will verify that all criteria have been successfully completed.
- Having verified that all necessary courses have been successfully completed, the High School Principal will recommend early graduation for the student to the Superintendent of Schools.
- Upon the approval of the Board of Education, the student will be granted permission for early graduation at the conclusion of the seventh semester of high school education.

c. COLLEGE CREDIT PLUS PROGRAM

Board of Education Policy # 2271

The College Credit Plus Program (formerly known as the Post-Secondary Enrollment Option) is provided to all students in grades 7-12. In order for students to be eligible for the College Credit Plus Program, they must follow the guidelines below.

- Prior to February 15, Fort Loramie Jr/Sr High School will provide information about the College Credit Plus program to all students in grades 7-12. An informational session will be held and all colleges and universities within a 30-mile radius will be invited to attend. If a student and their family are unable to attend, they must schedule an appointment with the School Counselor before April 1.
- By April 1, a student wishing to participate in the College Credit Plus Program must return the Intent to Participate Form to the Guidance Office. After April 1, a student will need permission from the district superintendent.
- It will then be the student and the student's family's responsibility to contact colleges for information, application forms, and criteria for acceptance into College Credit Plus. Some materials will be available from the School Counselor and at the college's website. Students must go through the procedures established by the colleges/universities to apply to College Credit Plus and to enroll in the course(s). Students may have to take a college placement test to make sure they are college-ready.
- Prior to college class attendance, the School Counselor will assist the student in determining a course's equivalency to a high school course(s).
- Some courses will be offered as a part of College Credit Plus at the high school. Students must follow the same guidelines above in order to participate in these courses. At this time, in working with our partnering Institutions of Higher Education, the courses that could potentially be offered through CCP at the high school have not been established. Any course that becomes a CCP course will be worth 1.0 credit for those qualified students electing to opt into the CCP option.

d. AGRICULTURAL DEPARTMENT- ARTICULATION WITH POST-SECONDARY INSTITUTIONS

Definition:

The Ohio Board of Regents defines articulation as a planned process that allows students to move without hindrance through the education process, including the transition between secondary and post-secondary levels of instruction.

Purpose:

Partnerships between post-secondary institutions and the Fort Loramie Agricultural Education Program (satellite of Upper Valley Career Center) have been designed to recognize and to reward those graduates who have acquired the skills for articulation transfer/proficiency credit in specific introductory courses. Post-secondary Institutions will grant credit to graduates who fulfill course requirements agreed to in this document.

Advantages:

- The student will be able to complete a degree in less time.
- The student will save money by completing fewer classes.
- The student can supplement the degree program with optional courses, if desired.

Criteria:

The total number of courses awarded to a student will be evaluated on an individual basis and may vary. A high school grade of “B” or better is required before credit can be given. There is no cost for the program. Credit is awarded at the institutions listed below.

Post-Secondary Institution	Fort Loramie Ag Course Completed	Corresponding Post-Secondary Course	Criteria for Earning Credit
Clark State Community College	Agriculture, Food and Natural Resources	AGR 1250, Animal Agriculture	High school grade of “B” or better
University of Northwestern Ohio	Business Management for Agricultural and Environmental Systems (Agribusiness)	AG 106, Agribusiness Fundamentals	High school grade of “B” or better