



FORRESTON HIGH SCHOOL

CURRICULUM GUIDE

2023-2024

**Forreston High School
Curriculum Guide
2023-2024**

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COURSE SELECTION INFORMATION / DEFINITIONS OF TERMS

NOTE TO STUDENTS:

This guide has been designed to help you and your parents plan your high school program. It is important that you seek the help of parents, teachers, and your advisor in planning an educational program to fit your individual needs. Each student should strive to get the most out of his or her time in high school, to be successful in the world of work, military, technical school, or college.

DEFINITIONS:

- **SCHOOL YEAR:** A school year consists of two semesters with two quarters each.
- **UNIT OF CREDIT:** A credit is a unit for measuring satisfactory completion of coursework. One-half unit of credit may be earned by satisfactorily completing the work in a semester-long course. One unit of credit may be earned by satisfactorily completing the work in a year-long course. The credit for each course is published in the course description.
- **PRE-REQUISITE:** Any specific course that must be passed before another specific course can be taken.
- **REQUIRED COURSES:** Courses that must be completed satisfactorily in order for a student to graduate and earn a diploma.
- **ELECTIVE:** Courses that are not required, but which may be chosen by the student. Elective credits apply toward the total credits that must be earned for graduation.
- **CORE:** Courses in English, Science, Social Science, and Mathematics that are fundamental to other disciplines.
- **GRADE POINT AVERAGE (GPA):** A student's average grade for all courses completed from Grade 9 to present as represented on a 4.0 scale.
- **CLASS RANK:** A student's GPA in comparison to the GPA of all other students in his/her graduating class.
- **DUAL CREDIT:** A program that allows eligible high school students to take college-level courses to earn credit simultaneously toward both a high school diploma and a college degree.
- **ADVANCED PLACEMENT (AP):** A program through CollegeBoard® that allows eligible high school students to take courses with college level content. Upon completion of the course, students may elect to take an exam at the end of the year. Those who obtain a score of a "3" or higher may earn college credits and the ability to proceed past introductory courses at their future college or university.

COURSE PLANNING

GENERAL INFORMATION:

When enrolling in classes at Forreston High School, students will:

1. Plan a four-year course of study with their parents and advisor, using the course descriptions, graduation requirements, and recommended course sequences outlined in this Curriculum Guide;
2. Complete the course selection sheets by requesting eight (8) subjects each semester. Students will register for both semesters. Selections should be made carefully, and with future goals in mind;
3. Select courses for the proper grade level;
4. Remember to enroll for all required courses that were taken previously, but which were failed;
5. Make sure they have met the necessary pre-requisites for all of the courses they have selected;
6. Obtain instructor approval if required.
7. Carefully check their credits earned toward graduation.
8. Any exceptions to: taking courses out of sequence; taking courses without the pre-requisite; or coursework for a different grade/credit other than stated in this guide, are at the discretion of the principal and will be reviewed on a case-by-case basis.

GRADUATION REQUIREMENTS

Students must earn twenty-eight (28) course credits, along with twenty (20) hours of approved community service in order to graduate from Forreston High School. To qualify for a diploma at Forreston High School, students must successfully complete eight semesters in good standing. Under unique circumstances, a student may graduate in seven semesters if they meet all graduation requirements and have been given approval by administration. All students are encouraged to develop a plan for their high school education that allows for a wide range of educational experiences – a plan that extends beyond the minimum requirements set by the district. Specific course requirements for graduation from Forreston High School:

COURSES	CREDITS/YEARS
English	4.0
.5 English credit must be taken during the senior year 2 years of writing intensive	
Science	3.0
Math	3.0
With minimum of Algebra 1 and Geometry Equivalency	
Social Science	3.0
.5 credit of World History .5 credit of Civics 1 credit of U.S. History .5 credit of Careers	
Computer Science	1.0
Consumer Education	.5
Physical Education	2.0
Health	.5
Vocational, Fine Arts, Music, or Foreign Language	1.0
Total credits of required courses	18.0
Total elective courses required	10.0
Total credits required for graduation	28.0

It is the philosophy of Forreston High School that all courses are full-year courses worth 1.0 credit, unless this Curriculum Guide specifically recognizes the course as a semester course, worth .5 credit.

*** Students cannot earn .5 credit for a full-year course: they earn either one (1) full credit if they pass the course, or no credit if they fail it. ***

GUIDELINES FOR COLLEGE BOUND ATHLETES

To be certified by the National Collegiate Athletic Association (NCAA) Clearinghouse, you must:

1) Graduate from high school. Students should apply for certification after your junior year in high school if you are sure you wish to participate in intercollegiate athletics as a freshman at a Division I or II institution. If your eligibility status is requested by a member institution, the Clearinghouse will issue a preliminary certification report after you have had all your materials submitted (Official transcript, ACT or SAT scores, student release form, and fee). After you graduate, IF your eligibility status is requested by a member of the institution, the Clearinghouse will review your final transcript and proof of graduation to make a final certification decision according to NCAA standards. Note, however, that if you fail to submit all the documents required or if no member institution requests your eligibility status, your incomplete file will be discarded after three years, requiring you to pay a new fee if certification is requested after that time.

2) Earn a grade point of at least 2.00 on a 4.00 scale in a core curriculum of at least 16 core courses which were successfully completed during grades 9 through 12. Only courses listed as approved on your high school's "List of NCAA Approved Core Courses" can be used to calculate your NCAA GPA.

3) A student will need to present 16 core courses in the following breakdown:

- 4 years of English
- 3 years of Mathematics (Algebra 1 or higher)
- 2 years of Natural/Physical Science (one must be a Lab Science)
- 1 year of additional English, Math, or Science
- 2 years of Social Science
- 4 years of additional core courses (from any area listed above or from foreign language, non-doctrinal religion, or philosophy)

4) Earn an ACT/SAT score which matches your core courses GPA. This can be found on the NCAA's Clearinghouse website at www.ncaa.org.

HONORS PROGRAM & COURSES FOR THE CLASS OF 2024 AND BEYOND

Forreston High School Honors Program was created to recognize students who have taken the most rigorous courses offered and demonstrate excellence in a variety of academic areas. To be considered an honor student, students must take a total of five courses from at least three different academic departments. Of those five courses, one must be a Math course and one an English course. Students **must earn the honors program recognition** to be eligible for the Valedictorian and Salutatorian.

At Forreston High School, weighted* grade point value is also assigned to the following Honors courses:

English

AP English

Social Science

AP US History

College Prep History

Science

AP Chemistry

AP Physics

Introduction to Engineering

Principles of Engineering

Civil Engineering and Architecture

Aerospace Engineering

Engineering Design and Development

Mathematics

Pre-Calculus

AP Calculus

Foreign Language

Spanish IV

*To "weight" a course is to assign a higher-grade point value for the letter grade earned relative to the grade point value assigned to the same letter grade in another, non-weighted course.

GRADING SCALE AND GPA CONVERSIONS

Grade	100 pt. Scale	GPA Conversion	Weighted GPA Conversion
A	93.34 - 100	4.00	4.33
A-	90.00 - 93.33	3.67	4.00
B+	86.67 - 89.99	3.33	3.67
B	83.34 - 86.66	3.00	3.33
B-	80.00 - 83.33	2.67	3.00
C+	76.67 - 79.99	2.33	2.67
C	73.34 - 76.66	2.00	2.33
C-	70.00 - 73.33	1.67	2.00
D+	66.67 - 69.99	1.33	1.67
D	63.34 - 66.66	1.00	1.33
D-	60.00 - 63.33	0.67	1.00
F	Below 60	0.00	0.00

REQUESTS FOR SCHEDULE CHANGES

Students and their families select courses for the upcoming year in the spring. These selections, or course requests, determine the course offerings and the number of class sections. Therefore, course selections should be made with considerable thought and contemplation. For the processing of schedule changes, there will be a **three (3) day** period allowed at the **beginning** of the **first semester**, and **two (2) days** at the **end** of the **first semester**. Only necessary changes will be made for second semester. After each processing period, students who drop a class will do so with a failing grade for the semester, unless there are extenuating circumstances. When appropriate, a conference with the administration, advisor, student, parent, and teacher will be held prior to a schedule change.

PROCEDURES FOR REQUESTING SCHEDULE CHANGES:

1. Discuss your intentions with the teacher of the course or courses you wish to drop.
2. Find a course that will replace the course you wish to drop.
3. Discuss your intentions with the teacher of the replacement course or courses.
4. Visit the High School Office during the hour you have an issue, on designated days, with a pass from that teacher. Get the needed signatures from teachers, parents, advisor, and principal on the "Change of Schedule" form.
5. Return the form by the date specified on the "Change of Schedule" form.

FACTORS CONSIDERED WHEN APPROVING OR DENYING REQUESTS FOR SCHEDULE CHANGES:

- Section size and space available in courses may restrict course changes.
- The change should be directly related to a career decision.
- When appropriate, (music, WACC, etc.) a note from parents may be required.
- Parental requests will be considered after consultation with the student, parent, and teacher.

FORRESTON HIGH SCHOOL 2023-2024 COURSE SELECTIONS

Courses are listed as Semester (S) or Year-long (Y)

English

English I (Y)
English II (Y)
English III (Y)
Classical Literature I (S)
Classical Literature II (S)
AP English (Y)
Journalism (S/Y)
English IV (Y)

Science

Physical Science (Y)
Biology I (Y)
Introduction to Engineering Design (Y)
Principles of Engineering (Y)
Civil/Architecture Engineering (Y)
Aerospace Engineering (Y)
Engineering Design and Development (Y)
Chemistry I (Y)
Anatomy and Physiology (Y)
AP Chemistry (Y)
AP Physics (Y)
Environmental Science (Y)
Forensics (S)

Social Science

World History/Geography (Y)
Careers (S)
Civics (S)
AP US History (Y)
US History/Geography (Y)
Psychology (S)
Current Events (S)
20th Century US History (S)
College Prep History (S)

Mathematics

Algebra I (Y)
Algebra II (Y)
Geometry (Y)
Geometry - Trigonometry (Y)
Pre-Calculus (Y)
AP Calculus (Y)
Technical Math (Y)
Quantitative Literacy (Y)

Physical Education

Physical Education (S/Y)
Strength & Conditioning (S/Y)
Health Education (S)

Foreign Language

Spanish I (Y)
Spanish II (Y)
Spanish III (Y)
Spanish IV (Y)

Fine Arts

Foundations of Art (S)
Advanced Art (S)
Band (Y)
Chorus (Y)
Music Appreciation (S)
Beginning Band Blitz (S)

Vocational Education – Computer

Science

Computers (Y)
Web Page Design (Y)
Microsoft Office Integration I (S)
Microsoft Office Integration II (S)

Vocational Education – Business

Consumer Education (S)
Accounting I (Y)
Marketing (Y)
Accounting II (Y)

Vocational Education –

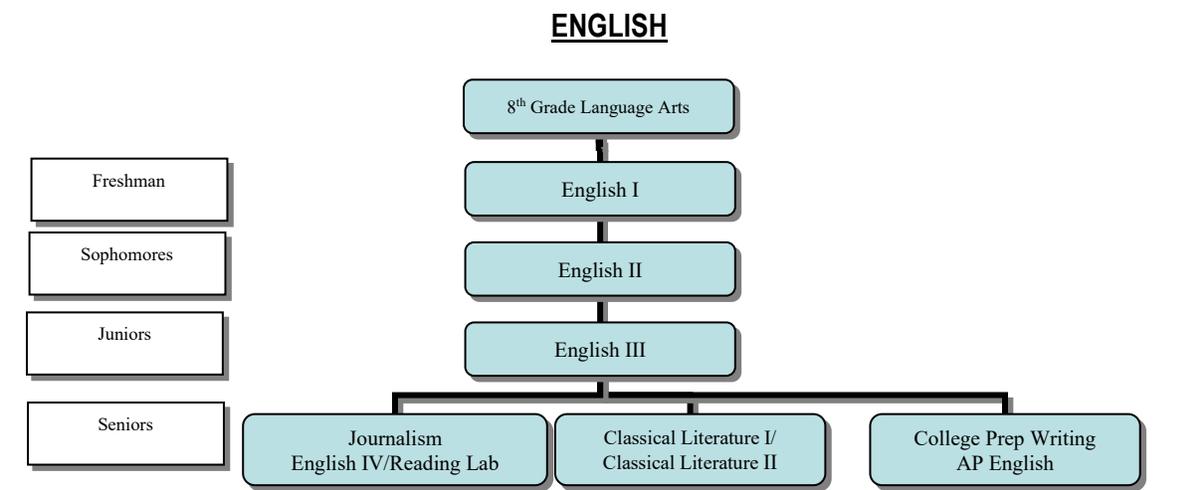
Agriculture

Introduction to Agriculture (Y)
Basic Agricultural Science- Animal Science (S)
Adv. Animal Science (S)
Basic Agricultural Science-Plant Science (S)
Horticulture (S)
Ag. Business Management (Y)
Physical Science Applications in Agriculture (S)
Supervised Ag. Experience (Y)
Basic Maintenance (S)

WACC

Allied Health (Y)
Auto Service I & II (Y)
Building & Contr. Trades I & II (Y)
CEO (Creating Entrepreneurial Opportunities)
Early Childhood Ed I & II (Y)
Commercial Food Services I & II (Y)
Computer Technology I & II (Y)
Criminal Justice (Y)
Digital Media Arts I & II (Y)
Health Occupations (Y)
Welding/ Manufacturing Technologies I & II (Y)
Cosmetology (Y)

COURSE DESCRIPTIONS



ENGLISH I

Credit: 1
 Prerequisites: None
 Selection criteria: FR
 Status: **Meets English Requirement**

Course description: Focus will be on assessing and improving reading and study strategies. The basic part of speech or sentence grammar will be reviewed and proficiency with this foundational grammar material will be required to move beyond this course. Sentence structure and punctuation rules will be introduced and applied in reflective writings. Additionally, students will learn the elements of communication process and participate in a variety of activities designed to improve verbal, nonverbal, listening, and public speaking skills. Students will read two novels, Tuesdays With Morrie and The Boy In The Striped Pajamas.

ENGLISH II

Credit: 1
 Prerequisites: English I
 Selection criteria: SO
 Status: **Meets English Requirement and Writing Intensive**

Course description: Students will study various genres of literature (drama, poetry, novel, and non-fiction) with a focus on reading comprehension, analysis, and forming opinions supported with evidence from the text. Also, knowledge of parts of speech, parts of a sentence, and composition form is expected. Writing will include the creation of a poetry book, an expository essay relating to Romeo and Juliet, and a research essay relating to the novel To Kill A Mockingbird.

ENGLISH III

Credit: 1
 Prerequisites: English II
 Selection Criteria: JR
 Status: **Meets English Requirement and Writing Intensive**

Course description: Students will continue to study some literature genres building in difficulty from previous years with emphasis on critically interpreting literature and supporting interpretations with details and contextual inferences from selections. Test taking strategies and practice test for the ACT/SAT will be a major focus of course. Students will write multi-paragraph, research-oriented essays displaying correct sentence structure, use of varied types of phrases and clauses, and correct usage, and punctuation. Students will understand types of plagiarism and how to proof papers to avoid plagiarism. Students will read Lord of the Flies and Of Mice and Men

COURSE DESCRIPTIONS

ENGLISH (cont.)

CLASSICAL LITERATURE I

Credit: .5
Prerequisites: English III, teacher placement
Selection criteria: SR
Status: **Meets English Requirement**

Course description: Classical Literature is a course focusing on various novels labeled "classical." The focus is on first identifying what earns a work the label of "classical literature." From there, students will be required to comprehend and analyze two classical novels while determining the influence they still have on our culture today. Students will also be required to comprehend and analyze a current novel, determining whether or not it will earn the label of "classical literature." Participation in classroom discussion is a must. Writing will include weekly one-page reflections along with three lengthier essays, one pertaining to each novel.

CLASSICAL LITERATURE II

Credit: .5
Prerequisites: English III, teacher placement
Selection criteria: SR
Status: **Meets English Requirement**

Course description: Classical Literature is a course focusing on various novels labeled "classical." The focus is on first identifying what earns a work the label of "classical literature." From there, students will be required to comprehend and analyze two classical novels while determining the influence they still have on our culture today. Students will also be required to comprehend and analyze a current novel, determining whether or not it will earn the label of "classical literature." Participation in classroom discussion is a must. Writing will include weekly one-page reflections along with three lengthier essays, one pertaining to each novel.

AP ENGLISH

Credit: 1
Prerequisites: English III and teacher recommendation
Selection criteria: SR
Status: **Meets English Requirement**

Course description: AP English Language and Composition is an introductory college-level composition course. Students cultivate their understanding of writing and rhetorical arguments through reading, analyzing, and writing texts as they explore topics like rhetorical situation, claims and evidence, reasoning and organization, and style. Students who are enrolled in this course have the opportunity to take the AP Exam at the end of the school year. Fees may apply.

JOURNALISM

Credit: 1
Prerequisite: English II or English III; teacher recommendation.
Selection criteria: SO JR SR
Status: **Meets English Requirement or Elective**

Course description: This one-year course may be taken junior and/or senior years and is designed to expose the student to the unique features of style and technical knowledge necessary to produce published print media, in this case the school newspaper and yearbook. Additional journalistic skills such as photography, proof reading, interviewing and ad sales are included in the process.

ENGLISH IV

Credit: 1
Prerequisite: English III, teacher recommendation.
Selection criteria: SR
Status: **Meets English Requirement**

Course description: This course will address study strategies and organizational skills needed in continuing education or on the job in the working world. Practical writing skills such as filling out forms, composing letters or writing summaries and reports will be practiced, with emphasis placed on correct usage in the areas of grammar, punctuation, and spelling. Research skills will be reinforced through use of the internet, which will be used to produce written reports.

COURSE DESCRIPTIONS

FINE ARTS

FOUNDATIONS OF ART

Credit: .5 (may be repeated for up to four (4) total credits)

Prerequisite: None

Selection Criteria: FR SO JR SR

Status: **Meets Fine Art requirement or Elective**

Course Description: This course provides an introduction to the design elements and principles, various artistic techniques and media and fundamental vocabulary. A study of art history and contemporary art will be included in the curriculum.

Advanced Art

Credit: 1.0

Prerequisite: Two (2) full years in Foundations of Art or instructor approval

Selection Criteria: JR SR

Status: **Meets Fine Art requirement or Elective**

Course Description: This course will demand a higher level of artwork by the student, much of it independent and student originated projects. Students will be expected to challenge themselves by improving existing knowledge and skill, while being introduced to new information.

AP Art (Anticipated 2024-25)

Credit: 1.0

Prerequisite: Two (2) full years in Foundations of Art or instructor approval

Selection Criteria: JR SR

Status: **Meets Fine Art requirement or Elective**

Course Description: Designed for students with a serious interest in art, AP Studio Art—General Portfolio courses enable students to refine their skills and create artistic works to be submitted to the College Board for evaluation. Given the nature of the AP evaluation, the courses typically emphasize quality of work, attention to and exploration of a particular visual interest or problem, and breadth of experience in the formal, technical, and expressive aspects of the student's art. AP Studio Art—General Portfolio evaluations require submission of artwork exemplifying talent in drawing, color organization, design, and sculpture.

There is a fee for enrollment in Art

BAND

Credit: 1

Prerequisites: Consent of Band Director

Selection Criteria: FR SO JR SR

Status: **Meets Fine Arts requirement or Elective**

Course description: Enrollment in Band assures the student of a full and varied musical experience. Members of the band not only attend their regularly scheduled band class, but also participate in many activities outside the school day, such as performances at athletic events, parades, university band days, IHSA Solo and Ensemble and Organizational Contest, as well as fall, winter, and spring concerts. In addition, talented instrumentalists may be honored by selection to the Upstate Illini Conference Festival, IMEA Festivals, or the Augustana Band Festival.

BEGINNING BAND BLITZ

Credit: .5

Prerequisites: Consent of Band Director

Selection Criteria: FR SO JR SR

Status: **Meets Fine Arts requirement or Elective**

Course description: This course is designed to give a currently non-playing student the skills needed to function in the Forreton High School Band program by teaching them to play a band instrument. It will allow a current band member to switch to a new instrument or learn an additional one. The rate of instruction will be very rapid. Also, home practice is expected. Students can expect to cover the same material in one semester that is covered in 6 semesters in the Junior High School.

COURSE DESCRIPTIONS

FINE ARTS (cont.)

CHORUS

Credit: 1
Prerequisites: Instructor's Approval for Freshmen and Sophomores
Selection Criteria: FR SO JR SR
Status: **Meets Fine Arts requirement or Elective**

Course description: The purpose of this course is to teach the elements most conducive to singing, such as breath support, posture, phonations, resonance, and registration. The basic elements of music notation and expressive markings will also be taught. Special requirements are:

- students must participate in the IHSA contests
- students must participate in fall, winter, and spring concerts
- students must help with fund-raisers specified by the teacher

In addition, talented singers may be honored by selection to the Northwest Upstate-Illini Conference Festival, IMEA District or All-State Festivals.

MUSIC APPRECIATION

Credit: .5
Prerequisites: None
Selection Criteria: JR SR
Status: **Meets Fine Arts requirement or Elective**

Course description: Music Appreciation is the study of the basic elements of music, musical instrument families, and music of various cultures. Students will learn of representative styles and composers from medieval times to the present. Students will learn the basic skills of learning to listen to music critically and to make value judgments.

There is a fee for enrollment in Band and Chorus

COURSE DESCRIPTIONS

FOREIGN LANGUAGE

SPANISH I

Credit: 1
Prerequisites: Must be concurrently enrolled in English I or passed English I or Equivalent
Selection Criteria: FR SO JR SR
Status: **Elective**

Course description: Students will learn to read, write, and speak about their interests, school life, family, friends, and self. They will learn to ask for and understand basic information in Spanish. Vocabulary acquisition is heavily stressed. In addition, this course will enhance an understanding of the diverse cultures of the Spanish speaking world. Students will be able to read simple authentic texts as well as a variety of literary works (poetry and short stories) appropriate to their level.

SPANISH II

Credit: 1
Prerequisites: Spanish I
Selection Criteria: SO JR SR
Status: **Elective**

Course description: Presents a continuation of Spanish I with intensive oral and written drills. As more grammatical structures are presented, students will learn to communicate more naturally by using increasingly complex sentences. Acquisition of verb tenses is heavily stressed. Authentic short stories and legends will be presented to enhance the students' ability to read the language and expand the students' understanding of Hispanic culture. Students will be required to write on familiar subjects using appropriate grammar, punctuation, and capitalization.

SPANISH III

Credit: 1
Prerequisites: Spanish II
Selection Criteria: JR SR
Status: **Elective**

Course description: Provides a review and expansion of conversational skills, grammatical structures, vocabulary, culture, and literature studied in Spanish I and II. Students will be exposed to authentic media to increase aural comprehension. English will be reserved in the classroom for explanation of difficult concepts. Authentic short stories and/or novels will be used to improve students' reading comprehension and deepen their understanding of Hispanic cultural. Students will write reports and compositions with a specific focus, supporting details, logical sequence, and conclusion.

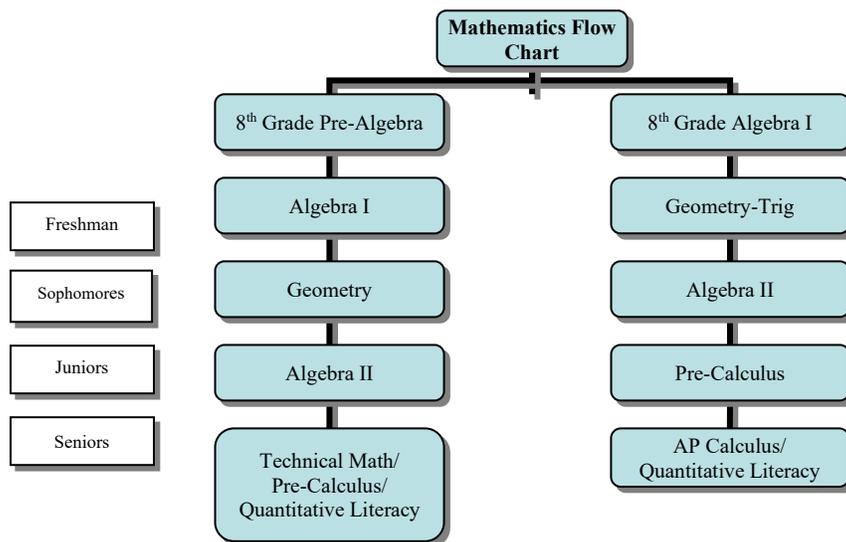
SPANISH IV

Credit: 1
Prerequisites: Spanish III
Selection Criteria: SR
Status: **Elective**

Course description: This course serves as a transition to college courses in Spanish. Instruction will focus on improving linguistic skills. Students will demonstrate the ability to comprehend, with support, a variety of written materials meant for native speakers in academic, social, and work situations. In addition, students will be expected to write complete pieces that include persuasion, description, comparisons, definition, and analysis. Students will expand their knowledge of Hispanic culture, art, history, geography, and current events by reading about these subjects in Spanish.

COURSE DESCRIPTIONS

MATHEMATICS



ALGEBRA I

Credit: 1
 Prerequisites: None
 Selection criteria: FR
 Status: **Meets Math requirement**

Course description: Algebra is a branch of mathematics that introduces the student to the use of positive and negative numbers; working of equations, inequalities, and absolute values; formulas; graphs; probability and statistics; exponents; operations with polynomials and factoring; irrational numbers; and quadratic equations. Reading for comprehension in word problems will be stressed. Algebra I helps students develop a logical, sequential thought pattern. This course is usually taken in 9th grade and students are enrolled based on teacher/advisor recommendation. Students will be expected to have a graphing calculator TI83 or TI84 plus for the course.

ALGEBRA II

Credit: 1
 Prerequisites: Geometry or Geometry/Trigonometry
 Selection criteria: SO JR SR
 Status: **Meets Math requirement**

Course description: Algebra II is a continuation of the Algebra I or the Algebra IA/IB sequence. Algebra II starts out with a review of Algebra I with more challenging problems and word problems. Additional units will cover number systems, operations with polynomials, function notation, graphing of lines and inequalities, solving, and graphing quadratic equations and inequalities, radicals, imaginary numbers, and solving polynomial equations of higher degrees. Reading for comprehension in word problems will be stressed. Students are expected to have a graphing calculator TI83 or TI84 plus for the course. This course is recommended for all college-bound students.

GEOMETRY

Credit: 1
 Prerequisites: Algebra 1
 Selection criteria: SO JR
 Status: **Meets Math requirement**

Course description: This class will cover basic geometry terms, types of triangles, types of quadrilaterals and polygons, trigonometry, and properties of circles. Deductive reasoning will be stressed along with the need-to-know formulas for area, perimeter, and volume of the basic geometrical shapes. Students will also study applications of right triangles trigonometry. Students will be expected to have a scientific calculator.

COURSE DESCRIPTIONS

MATHEMATICS (cont.)

GEOMETRY/TRIGONOMETRY

Credit: 1
Prerequisites: Algebra 1: teacher recommendation
Selection criteria: FR SO JR
Status: **Meets Math requirement**

Course description: This class will cover the basic geometry curriculum at accelerated pace with emphasis on connections to other mathematical disciplines and challenging applications. The 4th Quarter will be devoted to a trigonometry section that will include the study of circular functions and their graphs, trigonometric identities and equations and oblique triangles. A graphing calculator is highly recommended for success in this class.

PRE-CALCULUS

Credit: 1
Prerequisites: Algebra II
Selection criteria: JR SR
Status: **Meets Math requirement**

Course description: This course will rely heavily on the use of graphing calculators. A graphing calculator is required for success in this class. If the student does not have a graphing calculator, a limited number will be available through a rental program. These topics will be reviewed and then covered in more depth: linear equations and inequalities, quadratic equations and inequalities, functions and inverses of functions, conic sections, trigonometry, logarithms in multiple bases and applications, exponents, and probability. Applications will be stressed in all sections. This class is recommended for all college-bound students and students going to a Tech school.

AP CALCULUS AB

Credit: 1
Prerequisites: Pre-Calculus ; Proficiency Examination
Selection criteria: SR
Status: **Meets Math requirement**

Course description: AP Calculus AB is an introductory college-level calculus course. Students cultivate their understanding of differential and integral calculus through engaging with real-world problems represented graphically, numerically, analytically, and verbally and using definitions and theorems to build arguments and justify conclusions as they explore concepts like change, limits, and the analysis of functions. Students who are enrolled in this course have the opportunity to take the AP Exam at the end of the school year. Fees may apply.

TECHNICAL MATH

Credit : 1
Prerequisites : Algebra II ; Proficiency Examination
Selection criteria: SR
Status: **Meets Math requirement**
Dual Credit: MATH 111-Technical Mathematics I

Course description: Includes a study of numbers, measurements, algebra, geometry, and trigonometry as it relates to mechanical devices and equipment. This is a specially designed course for students in fields such as Machine Processes, Industrial Technology, Welding, and Mechanics. Enrollment in this course includes agreement to purchase required text.

QUANTITATIVE LITERACY

Credit : 1
Prerequisites : Algebra II
Selection criteria: SR
Status: **Math Elective**
HCC Placement: Math 177-Statistics

Course description: Math course framework designed to prepare and transition students directly into college and career pathways requiring general education college level math competencies in quantitative literacy and statistics. The competencies within each domain should include, but are not limited to **numeracy, application based algebraic topics, and functions and modeling**. Upon completion students should be able to: demonstrate proficiency and understanding in basic numeracy competencies in whole numbers, integers, fractions, and decimals, use estimation and explain/justify estimates, apply quantitative reasoning to solve problems involving quantities or rates, use mathematical summaries of data such as mean, median, and mode, use and apply algebraic reasoning as one of multiple problem- solving tools, and use functions and modeling processes. Course to be delivered through authentic application, problem-based instruction designed to build mathematical conceptual understanding and critical thinking skills.

COURSE DESCRIPTIONS

PHYSICAL EDUCATION

PHYSICAL EDUCATION

Credit: .5/1
Prerequisites: None
Selection criteria: FR SO JR SR
Status: **Meets Physical Education requirement**

Course description: Physical Education contributes to both the physical and mental health of an individual. A wide variety of activities are presented as opportunities for students to be successful, to provide a release from emotional stress and tension, to develop good behavior with other students, and to contribute to physical fitness. Students will participate in competitive and non-competitive activities as well as team and individual sports.

STRENGTH AND CONDITIONING

Credits: .5/1
Prerequisites: None
Selection criteria: FR SO JR SR
Status: **Meets Physical Education requirement**

Course description: This course will teach students proper lifting form and cardiovascular conditioning techniques which are essential for lifelong fitness and health. The student will be exposed to various aerobic activities as well as weight-lifting routines throughout the semester.

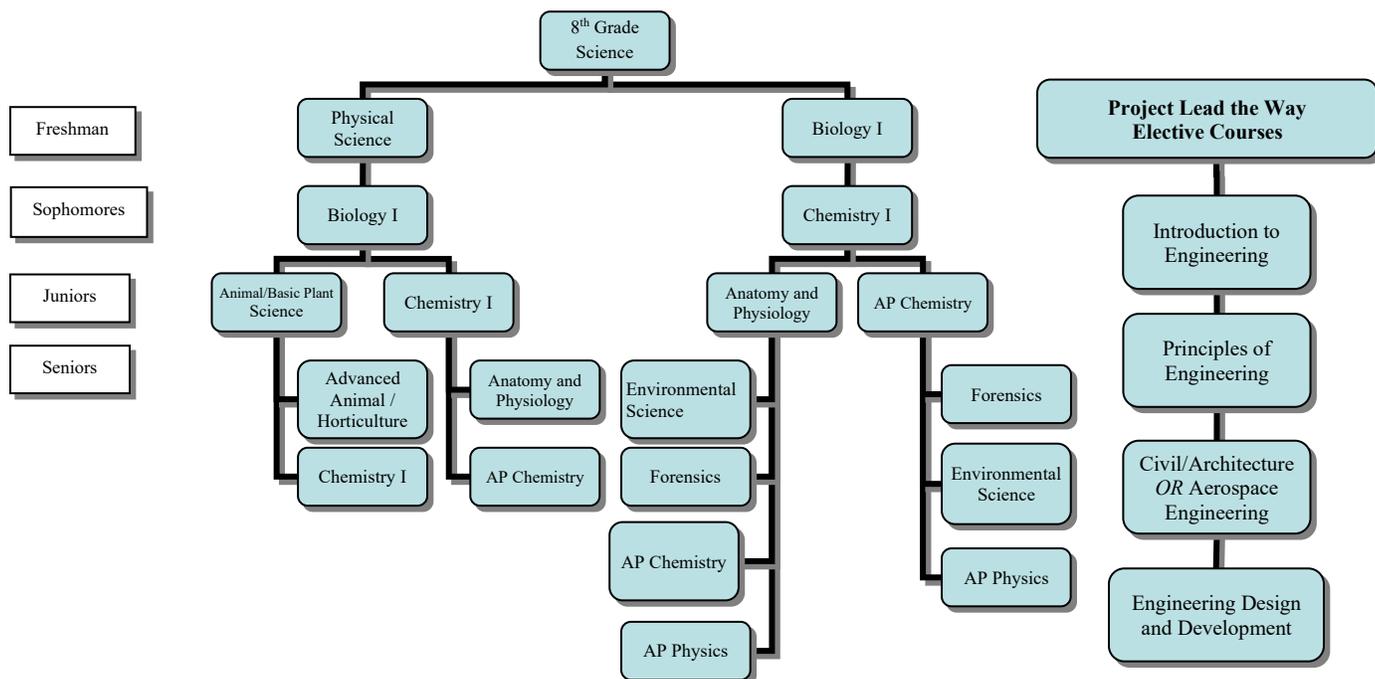
HEALTH EDUCATION

Credit: .5
Prerequisites: None
Selection criteria: FR
Status: **Required**

Course description: Health is a state-required semester course for all freshmen students; students must pass the course in order to graduate. The class is designed to help students make responsible decisions and learn skills necessary to become autonomous adults. Students are encouraged to assume responsibility now for their own health and to be aware of how the choices you make today will affect your health in the future.

COURSE DESCRIPTIONS

SCIENCE



PHYSICAL SCIENCE

Credit: 1
 Prerequisites: Placement in this class is by teacher recommendation only.
 Selection criteria: FR
 Status: **Meets Science requirement**

Course description: This course is for 9th graders and is designed to introduce students to the study of elementary physics, chemistry, and earth science. Emphasis is placed on a learn-by-doing approach involving lab work with basic equipment. Basic math skills are needed to work some of the equations involved. This is considered a "laboratory science course."

BIOLOGY I

Credit: 1
 Prerequisites: None
 Selection criteria: FR SO
 Status: **Meets Science requirement**

Course description: The purpose of the course is to expose the student to a range of topics including biological principles, cytology, genetics, microorganisms, plants, and animals. Emphasis is placed on learning the concepts in the classroom and applying that knowledge in the lab setting. This class is recommended for college-bound student and is a full year course.

CHEMISTRY I

Credit: 1
 Prerequisites: Algebra I
 Selection criteria: SO JR
 Status: **Meets Science requirement**

Course description: Chemistry is the study of matter and the changes that occur in matter. Topics include atomic structure, elements, bonding, compounds, mixtures, acids and bases, salts. Extensive use of the laboratory will be a prime objective of the course.

COURSE DESCRIPTIONS

SCIENCE (cont.)

ANATOMY AND PHYSIOLOGY

Credit: 1
Prerequisites: Biology; completion of, or concurrent enrollment in Chemistry I
Selection criteria: SO JR SR
Status: **Meets Science requirement**

Course description: Anatomy and Physiology is an intensive study of the human body, its structure, function, and common disease states. Cells, tissues, organs, organ systems of the body are discussed in depth and lab work is done on skeletons, animal organs, and fetal pigs. This course is strongly recommended for college bound students.

AP CHEMISTRY

Credit: 1
Prerequisites: Chemistry I, teacher recommendation
Selection criteria: JR SR
Status: **Meets Science requirement**

Course Description: Following the curricula recommended by the College Board, AP Chemistry courses usually follow high school chemistry and second-year algebra. Topics covered may include atomic theory and structure; chemical bonding; nuclear chemistry; states of matter; and reactions (stoichiometry, equilibrium, kinetics, and thermodynamics). AP Chemistry laboratories are equivalent to those of typical college courses.

AP PHYSICS

Credit: 1
Prerequisites: Biology, Chemistry 1, successful completion of Algebra II, teacher recommendation
Selection criteria: JR SR
Status: **Meets Science requirement**

Course description: Designed by the College Board to parallel first-semester college-level courses in algebra-based physics, AP Physics 1 courses focus on Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory circuits. These courses may also include college-level laboratory investigations.

ENVIRONMENTAL SCIENCE

Credit: 1
Prerequisites: Biology; completion of, or concurrent enrollment in Chemistry I
Selection criteria: JR SR
Status: **Meets Science requirement**

Course description: Environmental Science is the study of mutual relationships between animals and plants and their environment with respect to individuals, populations, communities, and ecosystems. Students will also study man's influence on the environment. This is a full year course and is recommended for college bound students.

FORENSICS

Credit: .5
Prerequisites: Biology; completion of, or concurrent enrollment in Chemistry I
Selection criteria: JR SR
Status: **Meets Science requirement**

Course description: Students develop a thorough understanding of concepts such as genetic principle of inheritance, chromatography, blood basics, finger printing, hair fiber identification, eyewitness basics, and fire basics. Students acquire skills through activities such as making an impression cast, analyzing altered documents, modeling a DNA profile, and assessing crime scene scenarios.

PROJECT LEAD THE WAY

Project Lead the Way (PLTW) is a science elective course focusing on STEM centered activities. The PLTW program will foster a culture of scientific practices that will prepare students to pursue a **post-secondary education** and/or **career** in STEM-related fields.

INTRODUCTION TO ENGINEERING DESIGN

Credit: 1
Prerequisites: Science teacher recommendation, completion of Algebra I, concurrent enrollment in Biology.
Selection criteria: FR SO JR SR
Status: **Science Elective, also meets Computer Science Requirement**

Course Description: Students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects like designing a new toy or improving an existing product. Computer literacy activities will also be included to meet the computer science requirement.

PRINCIPLES OF ENGINEERING

Credit: 1
Prerequisites: Science teacher recommendation, concurrent enrollment in Biology and concurrent enrollment in Geometry. And Chemistry
Selection criteria: FR SO JR SR
Status: **Science Elective**

Course description: Students explore a broad range of engineering topics including mechanisms, strength of structure and materials, and automation, and then they apply what they know to take on challenges like designing a self-powered car.

CIVIL ENGINEERING AND ARCHITECTURE

Credit: 1
Prerequisites: Science teacher recommendation, completion of Algebra I, Geometry, Biology, Chemistry, IED or POE
Selection criteria: JR SR
Status: **Science Elective**

Course description: Students learn important aspects of building and site design and development, and then they apply what they know to design a commercial building.

AEROSPACE ENGINEERING

Credit: 1
Prerequisites: Science teacher recommendation, completion of Algebra I, Geometry, Biology, Chemistry, IED or POE
Selection criteria: JR SR
Status: **Science Elective**

Course description: Students explore the physics of flight and bring what they are learning to life through hands-on projects like designing a glider and creating a program for an autonomous space rover.

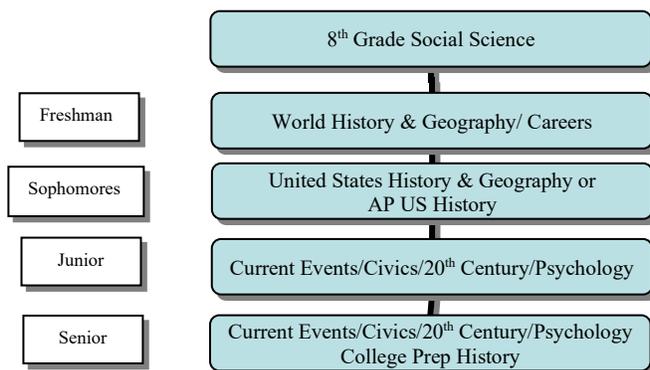
ENGINEERING DESIGN AND DEVELOPMENT

Credit: 1
Prerequisites: Completion of three PLTW courses
Selection criteria: SR
Status: **Science Elective**

Course description: Students identify a real-world challenge and then research, design, and test a solution, ultimately presenting their unique solutions to a panel of engineers.

COURSE DESCRIPTIONS

SOCIAL SCIENCES



WORLD HISTORY & GEOGRAPHY

Credit: 1
 Prerequisites: None
 Selection criteria: FR
 Status: **Meets Social Science Requirement and Elective**

Course description: This course briefly covers the ancient histories of the world and then concentrates on modern history, beginning roughly in the 1300's. Although the course focuses on Europe, other cultures will be included in the curriculum. Map skills will be emphasized within each area of study.

CAREERS

Credits: .5
 Prerequisites: None
 Selection criteria: FR SO
 Status: **Meets Social Science Requirement and Elective**

Course description: This semester course includes an in-depth exploration of the web-based resource Career Cruising which includes units on financial aid for college, admission requirements for technical schools and business colleges. Other units include military service, apprenticeships, job shadowing, interest surveys and career exploration. Students will hear frequently from guest speakers in different fields of work.

UNITED STATES HISTORY & GEOGRAPHY

Credit: 1
 Prerequisites: None
 Selection criteria: SO JR
 Status: **Required**

Course description: This is a one-year course covering United States history from the Early Americans to the modern 20th Century. Map skills will be emphasized within each area of study.

AP UNITED STATES HISTORY

Credit: 1
 Prerequisites: None
 Selection criteria: SO JR
 Status: **Meets Social Science Requirement and Elective**

Course description: Following the College Board's suggested curriculum designed to parallel college-level U.S. History courses, AP U.S. History courses provide students with the analytical skills and factual knowledge necessary to address critically problems and materials in U.S. history. Students learn to assess historical materials and to weigh the evidence and interpretations presented in historical scholarship. The course examines the discovery and settlement of the New World through the recent past.

CIVICS

Credits: .5
 Prerequisites: None
 Selection criteria: JR SR
 Status: **Required**

Course description: The Federal and State Constitutions will be covered in detail. In addition to studying the Constitution, students will be taught about historical factors leading up to the drafting of the Constitution.

COURSE DESCRIPTIONS

SOCIAL SCIENCES (cont.)

PSYCHOLOGY

Credits: .5
Prerequisites: None
Selection criteria: JR SR
Status: **Meets Social Science Requirement and Elective**

Course description: Students will explore the questions facing psychologists today and in the past. Psychology presents explanations of people's behavior, and the basic knowledge of psychological terms may be helpful in any field a student chooses in the future. This course will be offered in the ODD Graduation years.

CURRENT EVENTS

Credit: .5
Prerequisites: High School Social Science Class
Selection criteria: SO JR SR
Status: **Meets Social Science Requirement and Elective**

Course Description: This semester course may be taken two semesters for a total of one credit. This course is designed to introduce issues of our local, regional, national, and global world. Students will use a current news-oriented periodical as a text and will read various articles. Students will become knowledgeable and aware of the world that shapes their lives.

20th CENTURY UNITED STATES HISTORY

Credit: .5
Prerequisites: United States History
Selection criteria: JR SR
Status: **Meets Social Science Requirement and Elective**

Course description: This semester course covers the Progressive Era through the World Wars, and the Cold War period to the closing decades of the 20th Century. Content emphasizes the World Wars, the Cold War, the Rise and Fall of Communism, and the decade of the 1990's. This course will be offered in the EVEN Graduation years.

COLLEGE PREP HISTORY*

Credit: .5
Prerequisites: United States History
Selection criteria: SR, Teacher and Advisor Recommendation; Proficiency Examination
Status: **Meets Social Science Requirement and Elective**
Dual Credit: HIST 144- U. S. History II

Course description: A survey of the United States history from 1865-1945. Topics include Reconstruction and the rise of segregation, the closing of the frontier, industrialization, urbanization, and immigration; American imperialism; the Populist and Progressive movements; the New Era of the 20's; the Great Depression and the New Deal; and the U.S. involvement in the two World Wars. Enrollment in this course includes agreement to purchase required text.

**College Prep History is a dual credit course. Students enrolled will be responsible for paying the associated Highland Community College tuition and fees.*

COURSE DESCRIPTIONS

VOCATIONAL EDUCATION – COMPUTER SCIENCE

COMPUTERS I

Credit: 1
Prerequisites: None
Selection Criteria: FR SO
Status: **Required**

Course description: This course will focus on keyboarding, tap typing, and Introduction to Microsoft Office on computers. Students will learn word processing skills, such as working with business letters, memos, tables, and reports. Throughout the course, students will learn responsible Internet usage, research skills, and current advancements in the technology field.

WEB PAGE DESIGN

Credit: 1
Prerequisites: Computers 1, Microsoft Office Integration, Instructor's Approval
Selection criteria: SR
Status: **Elective**

Dual Credit: INFT 295 – Special Topics and INFT 160- Digital Pictures and Sound

Course description: Students will work on the district web page. They will work with html coding as well as various web editing software. Students will also design and develop their own web page as a final project for the class. In the process, students will learn to use digital photography, scanning, and animation of pictures. They will also learn troubleshooting techniques. Students will use their iPads and digital editing and be responsible for the layout of web pages.

MICROSOFT OFFICE INTEGRATION I

Credit: .5
Prerequisites: Computers 1
Selection Criteria: SO JR SR
Status: **Elective**

Dual Credit: INFT 131- Beginning Word, INFT 135-Beginning PowerPoint, INFT 140 Beginning Excel

Course description: A 'hand on' word processing course that reinforces basic Microsoft Word functions including creating a document, editing, and formatting a document, creating and editing styles, creating a multiple-page report, and using desktop publishing features to create a newsletter. Microsoft PowerPoint – A 'hand on' presentation course that reinforces basic Microsoft PowerPoint functions including creating a presentation, editing, and formatting a presentation, creating and editing styles, creating a multiple-slide presentation, and using desktop publishing features to create a presentation. Microsoft Excel- Provides an introduction to the generation and use of spreadsheets utilizing Excel for Windows. Also introduces the creation of charts & graphs, and database functions.

MICROSOFT OFFICE INTEGRATION II

Credit: .5
Prerequisites: Computers 1
Selection Criteria: SO JR SR
Status: **Elective**

Dual Credit: INFT 131- Beginning Word, INFT 135 – Beginning Power Point, 140- Beginning Excel

Course description: This class will be a continuation of Microsoft Office Integration I. Advanced concepts will be learned in Microsoft Word, Power Point, and Excel.

COURSE DESCRIPTIONS

VOCATIONAL EDUCATION – BUSINESS

CONSUMER EDUCATION

Credit: .5
Prerequisites: None
Selection criteria: JR SR
Status: **Required**

Course description: In order to provide the information necessary to help students become wise consumers, this course covers such topics as the consumer's role in the economy, consumer rights and responsibilities, taxes, budgeting, banking services, saving, investing, credit, housing, and various kinds of insurance.

ACCOUNTING I

Credit: 1
Prerequisites: Algebra I
Selection criteria: SO JR SR
Status: **Elective**
Dual Credit: ACCT 102- Fundamentals of Bookkeeping

Course description: Students will be introduced to the concepts of accounting by preparing and using financial records in order to maintain an accounting system for business or personal use. The first semester focuses on the accounting cycle for a service-type, sole-proprietorship business. The second semester focuses on the accounting cycle for a merchandising business organized as a corporation. The computer lab is utilized, dependent upon availability, to illustrate automated as well as mechanical methods of accounting.

MARKETING

Credit: 1
Prerequisites: None
Selection criteria: JR SR
Status: **Elective**

Course description: Students will be instructed in the foundations of marketing comprised of economics, finance and career preparation. Topics will include business plans, entrepreneurship, real-world applications, projects, technology, and the Internet. Students will learn the seven functions of marketing as well as discover how each function fits with others. This is marketing in the real world: integrated, strategic, and always changing.

ACCOUNTING II

Credit: 1
Prerequisites: Accounting I
Selection criteria: JR SR
Status: **Elective**

Course description: After reviewing the basic accounting cycle, students will build upon basic accounting procedures, but cover more advanced accounting concepts. Accounting II places more emphasis on theory and analysis of business information.

COURSE DESCRIPTIONS

VOCATIONAL EDUCATION – AGRICULTURE

INTRODUCTION TO AGRICULTURE

Credit 1
Prerequisites: None
Selection criteria: FR SO JR SR
Status: **Elective**

Course description: This is a course that gives students background in many areas of the agriculture industry. Students will cover topics that include careers in agriculture, crop production, weed and pest management, FFA, breeds of livestock, livestock judging, and an introduction to the horticulture industry. Students will make use of the school greenhouse in order to learn about topics in agriculture. This course satisfies the prerequisite requirement for the other agriculture courses offered.

BASIC AGRICULTURE SCIENCE – ANIMAL (BSAA)

Credit .5
Prerequisites: Introduction to Agriculture, and Biology I (or enrolled concurrently in Biology I)
Selection criteria: SO JR SR
Status: **Meets Science requirement or Elective**
Dual Credit: AGOC 116 – Principle of Animal Science

Course description: This course focuses on the livestock industry. Students learn both major phases on animal raising and production, as well as major biological concepts related to animal science. Topics include careers in animal science, animal welfare, animal nutrition, digestive systems, animal genetics, and scoring and evaluating dairy products.

ADVANCED ANIMAL SCIENCE

Credit .5
Prerequisites: Basic Agriculture Science – Animal
Selection criteria: JR SR
Status: **Meets Science requirement or Elective**
Dual Credit: AGOC 230 – Animal Health

Course description: This class focuses on biological concepts and trends in animal science. Units focus on the handling, feeding and health of specific species in the animal science industry. Major industries to be covered include dairy, beef, swine, sheep equine, poultry, and specialty animals. This course also covers meat grading. The advanced animal science class takes concepts that were learned in animal science and applies them to animal production situations.

BASIC AGRICULTURE SCIENCE – PLANT (BSAA)

Credit .5
Prerequisites: Introduction to Agriculture, and Biology I (or enrolled concurrently in Biology I)
Selection criteria: SO JR SR
Status: **Meets Science requirement or Elective**

Course description: Students will make use of the greenhouse along with textbook curriculum to learn about topics relevant to plant production. Units focus on all phases and stages of plant growth. The major topics include classification of plants, plant anatomy, soil judging, initiating plant growth, environmental factors affecting plants, plant deficiencies, and plant biotechnology. These concepts will be applied to projects and activities that take place while students work regularly in the greenhouse.

HORTICULTURE

Credit .5
Prerequisites: Basic Agriculture Science – Plant
Selection criteria: JR SR
Status: **Meets Science requirement or Elective**
Dual Credit: AGRI 188- Introductory Horticulture Science

Course description: In this course, students take concepts from Plant Science and apply them to the operation of a greenhouse. Horticulture focuses on the skills and background necessary to operate or work in the horticulture industry. Major topics include horticulture careers, reviews of plant classification and anatomy, hydroponics, greenhouse design and operation, floriculture industry, marketing floral products, and landscape design and maintenance. Students utilize the greenhouse for hands-on application of horticultural principles and techniques.

COURSE DESCRIPTIONS

VOCATIONAL EDUCATION – AGRICULTURE (cont.)

AGRIBUSINESS MANAGEMENT

Credit: 1
Prerequisites: Introduction to Agriculture
Selection criteria: JR SR
Status: **Meets Consumer Education requirement**
Dual Credit: AGOC 124 – Introduction to Agribusiness

Course description: This is a course that will build on skills learned in previous agriculture courses. Students will learn about careers that are available through the agribusiness sector, as well as college and university opportunities that are available. Students will use real agribusiness examples to study business principles, economic principles, commodity marketing, and agricultural law. A portion of the second semester will consist of cooperative groups developing and implementing a plan to run their own agricultural business as well as conducting a job shadow.

PHYSICAL SCIENCE APPLICATIONS IN AGRICULTURE

Credit: .5
Prerequisites: Introduction to Agriculture, and Biology I (or enrolled concurrently in Biology I)
Selection criteria: SO JR SR
Status: **Meets Science requirement or Elective**

Course description: This class is designed as a laboratory class that will help students understand physical science principles and mathematics concepts through agricultural applications. Students will learn to conduct experiments and do research with soil, agricultural structures, food safety, and food processing. Concepts studied include: 1) agricultural power systems – energy, force, work, torque; 2) environmental/natural resource systems – infiltration, percolation, turbidity, universal soil loss; 3) agricultural structural systems – compression, shear, levers and pulleys, psychometrics, tempering, annealing 4) agricultural processing systems – specific heat, pressure, boiling point, coagulation, food testing, thickening agents, and vaporization.

SUPERVISED AGRICULTURAL EXPERIENCE

Credit: .25 credit per year
Prerequisites: Currently enrolled or taken Introduction to Agriculture
Selection criteria: FR SO JR SR
Status: **Elective**

Course description: SAE is a non-classroom credit that is offered to students in the Ag program. Students can gain .25 of a credit each year in high school by completing the appropriate record book for their project. Checks on the records will be conducted throughout the school year for depth and accuracy. Possible projects include raising and caring for livestock, crop production, working in an agribusiness, operating your own agribusiness, conducting an agricultural research project, or other approved project. In order to enroll in SAE for credit, students will be required to submit a proposal, and will need prior approval from the principal and the agriculture teacher.

BASIC MAINTENANCE

Credit: .5
Prerequisites: None
Selection criteria: SR
Status: **Elective**

Course description: This course is designed to give students basic information about home and farm repair, construction, and maintenance. Projects will include hands-on experience with concepts dealing with agricultural and residential areas. Content covered will include skills applicable to home and agriculture. Example areas of study will include carpentry, electricity, plumbing, masonry, and painting.

ADDITIONAL CURRICULUM OPPORTUNITIES

Forreton High School seeks to meet the diverse needs of students. In order to help students achieve graduation and post-secondary goals, partnerships with other educational entities have been established to provide courses otherwise that are not offered within the typical school day. The following list describes the opportunities and the manner in which students may participate.

WHITESIDE AREA CAREER CENTER (WACC)

The Whiteside Area Career Center is a regional vocational center currently located in Sterling, Illinois. Career and technical programming is offered to program members, such as Forreton. Occupational clusters include agricultural occupations, business and related occupations, family and consumer sciences, health occupations and industrial/technical occupations. Students who enroll in this program are transported to WACC during the school day and partake in WACC classes in lieu of FHS campus courses. *The following information is subject change in relation to the rules, regulations, and program requirements.*

To be eligible to attend WACC students must submit a formal application for each year they wish to attend. The application submitted to the School Advisor must include a statement of goals, career objective, course outline toward graduation requirements and a parent or guardian signature. Student attendance, overall grades, GPA, discipline, and student statement will be used to determine eligibility for limited WACC spaces available. **In addition, students wishing to return to WACC for a second year must have earned at least a B- in their WACC course at the end of the third quarter. To earn dual credit through Sauk Valley Community College (SVCC), students will have to pass the required admissions test.**

Selection criteria:	JR	SR
Status:	Elective	
Credit:	3	

The following lists the occupational cluster programming offered at WACC:

Allied Health is a one-year program offered to junior and senior students that are interested in pursuing a career in various medical fields. Students are in the classroom three days per week and at clinical sites two days per week. Students participate in up to three clinical sites throughout the school year. Clinical sites include, but are not limited to, hospitals, clinics, long-term care facilities, chiropractors, veterinary clinics, physical therapists, etc. Students can practice in different areas of the medical field, such as Maternal-Child Nursing, Geriatrics, Emergency Nursing, Radiology, Dental Medicine, Veterinary Science, and more.

3 Dual Credits with SVCC. Possible phlebotomy certificate

Prerequisites: A student must complete the application paperwork. Students will be required to participate in an internship two days per week throughout the school year. Therefore, a student who enrolls in Allied Health must be able to transport him or herself to various internship sites.

Auto Service One- or two-year program offered to junior and senior students. First year students will be building basic repair skills such as lubrication, brakes, engine tune up, suspension, fuel injection, computer controls, electrical systems, exhaust systems, transmissions and clutches, cooling systems, and heating and air conditioning. Second year students will learn differential operation, engine diagnostics, and qualifying students can participate in work-based learning at various job sites in order to gain real world work experiences while going to school.

No dual credit available

Prerequisites: Students who enroll in Auto Service II will either participate in an internship two to three days per week or will perform an internship at WACC in the WACC Automotive shop that will require working on customers' vehicles. Any student enrolled in Auto Service II must have a valid Illinois Driver's license.

Recommended Student Criteria: Students enrolled in Auto Services will be required to work in an automotive shop approximately 70% of the time while at WACC. Students should be able to lift both arms above his or her head, lift 40 pounds, and be able to lower him or herself to the ground to work under a vehicle.

Building & Construction Trades is a one- or two-year program offered to junior and senior students. This course provides experiences related to the construction and maintenance of residential buildings and related fixtures. During the year, students will spend 85% of their time at a job site constructing or remodeling a residential house. The other 15% of the time students will be in the classroom. Instruction will include safety principles, framing, plumbing, wiring, roofing, installing insulation, dry wall, painting, pouring concrete, landscaping, estimating materials, blueprint reading, hanging cabinets, siding, hanging doors, heating and air conditioning, masonry, and finish work. Second year students are provided the opportunity to advance their skills in the construction trades.

No dual credit available

Recommended Student Criteria: Students enrolled in Building Trades will be involved in constructing or remodeling a house and will perform work at the job site approximately 85% of the time while at WACC. Students should be able to climb an eight-foot step ladder, stand for an hour and thirty minutes, and have the strength and mobility to operate various power tools, such as nail guns, power saws, power drills, etc.

Commercial Food Service is a one- or two-year program open to juniors and seniors. Students explore Culinary Arts, preparing food for a large number of consumers, and catering. Occupational skills taught include care and use of commercial equipment, food preparation, customer service, management, and nutrition. Students in this program will receive weekly hands-on experience in the WACC commercial kitchen and provide food services for the public. **4 Dual Credits available with Kishwaukee CC and possible Food Handler's Certificate**
Recommended Student Criteria: Students enrolled in Culinary Arts will be required to work in a commercial kitchen approximately 70% of the time. Students should be able to stand for an hour and forty-five minutes, lift 20 pounds, and have the ability to safely work around hot items, such as stoves, ovens and deep fryers.

Computer Technology is a one- or two-year program open to juniors and seniors who want to work with repair, networking, programming,

web and application development of computers and portable devices. The latest methods of networking, configuring operating systems, programming, and web and application development will be covered in the class. Qualified students will acquire the skills to potentially pass the Testout PC Pro, Network Pro, ComTIA A+ and Network certifications. In addition, the course introduces students to the formal concepts of object-oriented computer programming, including program design, control structures, data structures and algorithms using the Java and other programming languages. Second year students will continue with advanced topics and could involve possible internship opportunities to qualified students.

12 Dual Credits with SVCC

Recommended Student Criteria: Students enrolled in ^[1]_[SEP] minutes, walk, stand, stoop, kneel, crouch, and reach while performing typical computer repair work; use hands to finger, have hand- eye coordination; handle or feel objects, tools or controls; lift and/or move objects and materials of up to 50 pounds in weight.

Cosmetology is open to juniors and seniors. Students will explore several aspects of cosmetology. The curriculum includes but is not limited to: theory and practice hours in hair, nails, skin, business basics and effective communication. This course takes place at Educators of Beauty. After completing this part time program, students will earn up to 200 of the 1500 hours necessary to complete the program. Financial incentives are available for students who chose to return to Educators of Beauty upon graduation.

Criminal Justice One year program designed to train students in various aspects of law enforcement, criminal justice, and the legal system. Students will receive instruction in skills needed for careers in associated fields; e.g. police officers, prosecuting and defense attorneys, probation and parole officers, crime scene investigators, correctional officers, etc. Major objectives of the program include: history of law enforcement, constitutional law, Illinois law, courts and the legal system, communication and dispatch operations, report writing and records, criminal investigations, search and seizure, community relations, patrol functions, traffic investigations, corrections, private security operations, criminology, and other related areas. Role play scenarios are used to enhance the student's learning experiences and provide an introduction to practical experiences which might be expected in the field.

No dual credit available at this time

Recommended Student Criteria: Students enrolled in the Criminal Justice program will participate in active, police scenarios. These scenarios include, but are not limited to the following physical activity, dragging a 150-pound person 10 feet, firing air guns, combat drills, and restraining potential suspects. Students should be able to pick up and carry objects weighing 25 pounds.

Digital Media Arts One- or two-year program offered to juniors and seniors. The classes are for visual and creative thinkers as well as computer geeks interested in cutting edge digital and media arts. The program offers the latest trends, techniques and technologies in the ever-evolving multimedia field. The wide variety of the curriculum provides opportunities to build skills for future success in careers as an illustrator, desktop publisher, photographer, graphic artist, digital video editor, studio staging director, film maker, computer animator, sound engineer, camera operator, web designer or other positions in the exciting and growing recording, entertainment and digital media arts and communications field. Students work at their own pace and get "hands-on" experience using state-of-the-art software, cameras, lighting, special effects, sound and broadcasting equipment. All classes begin each fall and spring semester, and students take two classes per semester. Students completing a selection of eight classes (the equivalent of two years at WACC), will receive a Certificate in Graphic Design from Sauk Valley Community College. Students not able to complete the certificate requirements while attending WACC are invited to enroll at Sauk Valley Community College after high school to finish the certificate requirements if they so choose. Qualifying WACC students may earn up to 21 college credits taking the Digital Media Arts class.

21 Dual Credits with SVCC

Early Childhood Education is a one- or two-year program offered to junior and senior students. This course is designed to provide students interested in the development of children and a career involving children with a basic knowledge and understanding of children and their physical, mental, and emotional development. Broad areas of emphasis include: development of the child from conception through preschool age, the changes that take place in a mother's body, the family and its role, nutritional and emotional needs of the children, the role of parents, educational and creative activities for children, childhood illnesses, learning disabilities, and the exploration of human services and education-related careers. First year students will work on a weekly basis with children at our on-site laboratory called "Kiddie Kampus Preschool." Second year students will work with a cooperating teacher at a work-based learning site for three days a week throughout the school year. This work-based learning site could be a daycare center, home day care, preschool program, elementary school, or a location specific to a student's career interest. (i.e.: special education, speech teacher, reading specialist, social worker, child life specialist). Students may earn a Level 1 Gateways Certificate upon successful completion of the course.

1 Credits available with SVCC and Level 1 Gateways Certificate Upon Completion

Recommended Student Criteria: Students enrolled in Early Childhood Education will be required to work in the WACC preschool with young children ages three to five years old. Students should be able to sit on the floor with the preschool children, have the dexterity to perform crafts with the children, and have the strength to restrain a child if needed for the child's safety. (For example, prevent a child from running out the door.) Students should not have a history of violent behavior. Students should have the maturity and aptitude to work with young children. For example, a student who could not be recommended for a babysitting job should not be recommended for Early Childhood Education.

Health Occupations-I is a one-year program offered to junior and senior students that are interested in pursuing a career in the medical field. Upon completion of the Illinois Department of Public Health (IDPH) requirements, the students will be eligible to take the State Certified Nursing Assistant exam at the end of the school year. The students must meet the following criteria to be successful in Health Occupations: 1) Achieve a C or better each quarter throughout the year on the coursework, 2) Be competent at the 21 skills in the laboratory and at the clinical site, 3) Have excellent attendance throughout the school year, and 4) Pass the criminal background check. Students must have an outstanding work ethic, be self-motivated, and take initiative to be successful in Health Occupations. Students will spend 40 hours at clinical sites while at WACC.

(Health Occ. Cont.)

8 Dual Credits with SVCC

Prerequisites: The Health Occupations program prepares students to become a Certified Nurse's Assistant. This is a state regulated program that requires students to spend 80 hours of theory and 40 hours clinical time working with patients. Students must have updated immunizations, TB test, and possibly flu shots if required by the clinical site. Student must be able to lift 25 pounds as it is a state mandate CNA skill to perform a two person lift on residents who are 119 pounds or less.

Welding & Manufacturing Technology is one- or two-year program offered to junior and senior students. Welding, machining, and CAD principles will be taught through hands- on experiences. Topics include:

- Welding processes - (Stick, Oxyacetylene, Mig, Tig, Plasma cutting, and OAW cutting),
- Machine operations – (Lathes, Mills, Grinders, Shear, Pipe cutters, etc.)
- Au–oCAD - Computer aided drafting program
- Blueprint reading

The second year will provide the students with the opportunity to obtain advanced training on components of welding and metal fabrication.

- Welding processes – (Structural welds, Pipe welds, Flux cored welding)
- Machine operations – (CNC and manual Machining)
- Inv–ntor - Computer aided drafting program
- Product design and development

Internship at manufacturing site **10 Dual Credits with SVCC**

Prerequisites: Welding 2 students will be required to participate in an internship four days per week during second semester. Therefore, students that enroll in Welding 2 must be able to transport him or herself to various internship sites.

Recommended Student Criteria: Students enrolled in Welding and Manufacturing Technology will be required to work in a machine/welding shop approximately 75% of the time while at WACC. Students must be able to work in the confines of a welding booth (3' x 4'), have the ability to lift 40 pounds, must be able to stand for an hour and forty-five minutes, and must have the strength and mobility to operate machines such as lathes, grinders, and welding torches.

CEO: Creating Entrepreneurial Opportunities One year course offered to a junior or senior student that acquaints students with the knowledge and skills necessary to own and operate their own businesses. Concepts such as supply and demand, cost/benefit analysis, competitive advantages, and opportunity recognition are covered. Coursework includes innovative thinking strategies, product development, business structure, marketing, financial strategies, record keeping, and preparing an income statement, balance sheet, income and cash flow statements. Entrepreneurial thinking (out-of-the box problem solving) is utilized throughout the course. This course will take place in area businesses and will include tours of local industry and guest speaker from all areas of business. No dual credit available. Prerequisites: All students interested in enrolling in the WACC CEO class must complete an application available through his/her school counselor. Students will be selected by the CEO Advisory Board. Students who are selected to enroll in the CEO class must provide his or her own transportation to and from the various class meeting sites.

3 Dual Credits with SVCC

Dual Agreement with WACC

Through a mutual agreement among district vocational delivery systems (WACC), Forrester High School and Sauk Valley Community College, high school graduates are eligible to receive college credit. Students enrolled in a dual credit course at WACC will be enrolled during the school year through Sauk Valley CC staff.

These dual credits **can be** transferable to many 2-year and 4-year colleges and universities as transfer credits. To be certain of the transfer status of these courses, please contact:

- Admissions Representative at Sauk Valley Community College at 815/288-5511

The Dual Credit Agreements on the following two pages are listed for your review and are subject to change due to area community college restrictions.

WACC Program	Course Number	Sauk Valley Course Title	SVCC Credits	Total Credits
Allied Health	NRS 116	Medical Terminology	3	
				3
Computer Technology I	CIS 151	Network Certification	3	
	CIS 167	A+ Certification	3	
	CIS 250	Beginning Linux	3	
	CIS 197	Security + Certification	3	
				12
CEO	BUS 260	Entrepreneurship Principles	3	
				3
Digital Media Arts	ART 101	Media Arts	3	
	ART 103	Digital Photography	3	
	ART 105	Motion Graphics	3	
	ART 107	Digital Drawings	3	
	ART 236	Film and Video	3	
	ART 237	Image and Sound Recording	3	
	ART 238	Interactive Media Design	3	
				21
Early Childhood Education	EDU 276	Clinical Experience in Elementary Education	1	
				1
Health Occupations	NRS 101	Basic Nursing Assistant	4	
	NRS 103	Advanced Nursing Assistant	4	
				8
Welding and Man. Tech	IND 106	Intro to Welding	2	
Welding and Man. Tech	IND 108	Intro to CAD	2	
Welding and Man. Tech	IND 125	Machining and Manufacturing Processes	3	
Welding and Man. Tech	IND 203	Adv. Machining and Manufacturing Processes	3	
				10

High School/HCC Dual Credit Agreement

Forreton High School also has a Dual Credit Agreement with Highland Community College for several classes taught on the FHS campus. Please note that some dual credit courses may incur fees for registration and for materials such as books. Any courses incurring payment will be notated on the Forreton High School registration form. Fees may change due to increases in tuition costs.

Grades that are earned for dual credit courses are also transcribed on the Highland transcript. Some classes are subject to enrollment criteria such as testing or placement scores.

The following chart shows the current course offerings available.

*** Class is offered based on instructor availability**

Forreton High School Program	Course Number	Highland Course Title	HCC Credits
Microsoft Office I and II	INFT 131 INFT 135 INFT 145	Beginning Word PowerPoint 2013 Beginning Excel	3
Accounting I	ACCT 102	Fundamentals of Bookkeeping	3
Animal Science	AGOC 116	Principle of Animal Science	3
Advanced Animal Science	AGOC 230	Animal Health	3
Horticulture	AGRI 188	Introductory Horticulture Science	3
Agribusiness Management	AGOC 124	Introduction to Agribusiness	3
Technical Math	MATH 111	Technical Mathematics	3
College Prep History*	HIST 144	U.S. History II	3
			15

Pathway Endorsement Program

Students earn College and Career Pathway Endorsements (CPPEs) by completing an individualized learning plan, a career focused instructional sequence, and professional learning (which includes career exploration activities, 60 hours of career development experiences, and two team-based challenges). Technical and professional competencies connected to CCPEs indicate that a student is equipped with the knowledge, skills, and abilities to advance to entry-level employment, college-level coursework, or advanced sector-based training in the endorsement sector area. The TAP program may also provide dual credit opportunities. Students who are interested in this program should contact their advisor for the endorsement-specific handbook.

TAP Education Pathway Dual Credit Agreement

Forreston High School Program	Course Number	Highland Course Title	HCC Credits
Education Observation I	EDUC 100	Education Observation I	3
Intro to Special Education*	EDUC 224	Introduction to Special Education	3

**Education Observation and Intro to Special Education is a transferrable dual credit course that requires students to pay for the college credit received from Highland Community College.*

Other Alternative Courses and Alternative-Programs

All courses and programs MUST receive approval from FHS Administration PRIOR to enrollment. FHS Administration reserves the right to waive enrollment requirements.

Correspondence Courses /Credit Recovery

A student enrolled in a Correspondence Course/Credit Recovery program may receive high_school credit for work completed provided:

- 1) The course is taken through the APEX Learning
- 2) The student assumes responsibility for all fees;
- 3) The course is approved in advance in writing by the High School Principal;
- 4) The course must have been taken at Forreston High School and failed, or educationally appropriate for students who do not have enough credits to graduate, before correspondence course/Credit Recovery will be approved;
- 5) Grades will be recorded as “pass” or “fail” and not count towards a student’s grade point average. A maximum of 2 units of credit may be counted toward the requirements for a student’s high school graduation.

College Classes

A Forreston High School student will be allowed to take college courses and receive high school credit, provided:

- 1) The student is a junior or senior in good academic standing;
- 2) The student has a GPA of 3.0 or higher, and had 2 or less discipline referrals in the past year;
- 3) The student is on track to graduate, and was absent less than 10 days in the previous school year;
- 4) The student must assume responsibility for all fees associated with the community college course and transportation to/from the course;
- 5) The student is required to submit proof of registration by providing the college schedule to the Forreston High School Advisor at the beginning of each semester and submit an official transcript at the end of each semester.

In order to be released from the FHS school day, the course being taken:

- Must be a pre-approved course selected by FHS administration;
- Cannot be used to fulfill a graduation requirement;
- Must be scheduled Monday through Friday and be a General Education class. (Physical Education or other electives are not allowed.)

The college course must be approved in advance in writing by the School Advisor and Principal. A student cannot take classes at both Whiteside Area Career Center and college. A maximum of 2 elective credits may be counted toward a student's high school graduation. Exceptions may be made at the discretion of administration. Grades will be recorded as "pass" or "fail" and not count toward a student's grade point average. A student may escrow the credit earned at the college (by prior arrangement) for use at the college level later. If a student fails a community college course, he or she will not be allowed to take a community college course the next semester.

Online Courses

Students who elect to take online courses, such as those offered through APEX or another approved online provider, to supplement their high school education may submit their transcripts for additional high school credit (with a two-credit maximum). Forreton High School administration must approve all online courses. These will be listed as "Pass" or "Fail" and will not be included in their GPA. Students MAY NOT leave campus to complete an online course, nor may they elect to take an online course in lieu of a class period during the school day.

CollegeNOW

CollegeNOW is a program that provides academically motivated high school students the opportunity to take college courses at Highland Community College full-time during their junior and/or senior year of high school as part of their high school education.

Courses taken at HCC will be for dual credit, which will meet the requirements for both a high school diploma and an Associate of Science Degree. Students who are in the program for only one year will complete two semesters of college courses. Students are assigned grades based on the Highland grading scale and are listed as FHS courses and included in the FHS grading scale.

Students must meet these pre-qualifications:

1. On-track to complete the sophomore year in good standing (two-year CollegeNOW)
2. On-track to complete the junior year in good standing (one-year CollegeNOW)
3. Minimum 3.5 GPA
4. Successful completion of Geometry and Algebra II
5. Recommendation from the high school
6. Be accepted to HCC, which may require additional placement testing

Please note the following:

- Students, and their families, are responsible for ALL tuition and expenses and are NOT ELIGIBLE for financial aide
- CollegeNOW students may participate in FHS and HCC extracurricular activities, but it is their responsibility to manage the scheduling
- Although FHS students will receive guidance and support from HCC staff, the student must develop strong independent study and work skills as he or she will be treated as a college student

The next page of the handbook is a comparison chart which outlines the various college, vocational, dual credit, and alternative courses available.

	HCC CollegeNOW Program	College Dual Credit	FHS Campus, Dual Credit Transferable	FHS Campus, Dual Credit Non-Transferable	Whiteside Dual Credit	Credit Recovery	Online Courses (such as APEX)
ENROLLMENT	Student applies to the HCC program with recommendation from FHS staff 3.5 minimum GPA Good attendance/discipline record Must be Jr or Sr	Student enrolls independently in course(s). 3.0 minimum GPA Good attendance/discipline record ONLY seniors may leave FHS for Highland Community College campus classes arranged by FHS administration	Student selects class during course selection through FHS Enrollment by HCC rep. (or other approved college entity) during visit to FHS	Student selects class during course selection through FHS Enrollment by HCC rep, during visit to FHS	Student applies during course selection through FHS Student completes appropriate paperwork by end of course	Student enrolls independently in course(s)	Student enrolls independently in course(s)
GRADING	HCC scale Included in FHS GPA	HCC/College scale Not included in FHS GPA	Grading scale determined by instructor Included in FHS GPA, weighted as indicated in curriculum guide	FHS scale Included in FHS GPA	WACC scale Included in FHS GPA & reported to community college	Online provider scale Not included in FHS GPA	Online provider scale Not included in FHS GPA
TRANSCRIPT	Listed as FHS course HCC course title Listed on college transcript Transferability varies	Not listed UNLESS student elects for Pass/Fail credit (student must consider transfer options, articulation agreements) Two credit unit maximum	Listed as FHS course Listed on college transcript and available as transfer credit	Listed as FHS course Listed on HCC transcript; Transferability is institution dependent	Listed as FHS course/ WACC course title Listed on college transcript Transferability varies	Listed as "CR" or Credit Recovery Course and recorded as Pass/Fail Two credit unit maximum	Not listed UNLESS student elects for Pass/Fail credit Two credit unit maximum
FEES	Student responsible for all tuition, fees, textbooks	Student responsible for all tuition, fees, textbooks	Student responsible for all tuition, fees, textbooks	Course fees may apply according to handbook	Textbook/fees may be required	Student responsible for all tuition, fees, textbooks	Student responsible for all tuition, fees, textbooks
COURSES/ACT or requirements for	Student must complete necessary placement testing as determined by HCC	Any course students select to enroll must be approved in advance as indicated in curriculum guide	SAT or ACT scores as determined by college. Placement test may also be utilized for enrollment	Accounting I Advanced Animal Science Horticulture Microsoft Office I and II Technical Math Web Page Design	All programs have either articulated or dual credit with Sauk CC and/or HCC as indicated in curriculum guide. Individual programs may have specific enrollment requirements	Class must be from NCACSS institution and ISBE approved* Course must have been attempted at FHS prior to CR option	Enrollment determined by online provider Class must be from NCACSS institution and ISBE approved*. Course may not be class currently offered at FHS

SENIOR SCHEDULE Course Selection Form

School year 2023-2024: Class of 2024 (Current Jr's)

ENGLISH	
___ Classical Lit I/II	1.0
___ AP English	1.0
___ Fundamental English IV/	1.0
___ Journalism #	1.0

MATH	
___ Algebra II	1.0
___ Pre-Calculus	1.0
___ AP Calculus \$	1.0
___ Technical Math	1.0
___ Quant. Lit.	1.0

SCIENCE	
___ AP Chemistry \$	1.0
___ Anatomy and Physiology	1.0
___ Chemistry I	1.0
___ Environmental Science	1.0
___ Forensics	.5
___ AP Physics \$	1.0
___ Intro to Engineering # \$	1.0
___ Principles of Engin. # \$	1.0
___ Civil/Archit. Engin. # \$	1.0
___ Aerospace Engin. # \$	1.0
___ Engin. Dev. & Des. # \$	1.0

SOCIAL SCIENCE	
___ 20 th Century US History	.5
___ Current Events	.5
___ Psychology	.5
___ Civics*	.5
___ College Prep History \$	.5
___ US History & Geo*	1.0
___ AP US History \$	1.0

FINE ARTS/FOREIGN LANGUAGE	
___ Art \$	.5
___ Advanced Art \$ #	1.0
___ Band \$	1.0
___ Chorus \$	1.0
___ Spanish 1/2/3/4	1.0

(check twice if Art two semesters)

PHYSICAL EDUCATION	
___ Physical Ed	.5/1.0
___ Strength/Cond	.5/1.0

AGRICULTURE	
___ Advanced Animal Sci	.5
___ Agribusiness Mgt.	1.0
___ Basic Ag Sci – Animal	.5
___ Basic Ag Sci – Plant \$	.5
___ Horticulture \$	.5
___ Introduction to Ag	1.0
___ Basic Maintenance	.5

BUSINESS/COMPUTER SCIENCE	
___ Accounting I	1.0
___ Accounting II #	1.0
___ Marketing	1.0
___ Microsoft Office I	.5
___ Microsoft Office II	.5
___ Consumer's Education*	.5

\$ - fee associated with course
 # - teacher initial/recommendation required
 * - required for graduation

- 1) Mark course selections to total **8.0 credits** even if you are considering alternative course options.
- 2) Please check if you are considering the following alternative course options:
 - Teacher Assistance Program (TAP)/Education Pathway
 - WACC (must apply and be accepted by committee)
 - HCC/CollegeNOW (must be approved by FHS administration)
 - APEX Virtual Course/Online HCC or College Course (must be approved by FHS administration)
- 3) Please list a total of 2.0 credits as **alternates** in case we cannot assign all of the above requests:

Parent Signature _____

Student Signature _____

JUNIOR SCHEDULE Course Selection Form

School year 2023-2024: Class of 2025 (Current Soph's)

ENGLISH	
<input type="checkbox"/> English III *	1.0
<input type="checkbox"/> Journalism	1.0

SCIENCE	
<input type="checkbox"/> AP Chemistry \$	1.0
<input type="checkbox"/> Anatomy and Physiology	1.0
<input type="checkbox"/> Chemistry I	1.0
<input type="checkbox"/> Environmental Science	1.0
<input type="checkbox"/> Forensics	.5
<input type="checkbox"/> AP Physics \$	1.0
<input type="checkbox"/> Intro to Engineering # \$	1.0
<input type="checkbox"/> Principles of Engin. # \$	1.0
<input type="checkbox"/> Civil/Archit. Engin. # \$	1.0
<input type="checkbox"/> Aerospace Engin. # \$	1.0

FINE ARTS/FOREIGN LANGUAGE	
<input type="checkbox"/> Art \$	.5
<input type="checkbox"/> Advanced Art \$ #	1.0
<input type="checkbox"/> Band \$	1.0
<input type="checkbox"/> Chorus \$	1.0
<input type="checkbox"/> Spanish 1/2 /3	1.0

(check twice if Art two semesters)

AGRICULTURE	
<input type="checkbox"/> Advanced Animal Sci	.5
<input type="checkbox"/> Agribusiness Mgt.	1.0
<input type="checkbox"/> Basic Ag Sci - Animal	.5
<input type="checkbox"/> Basic Ag Sci – Plant \$	.5
<input type="checkbox"/> Horticulture \$	.5
<input type="checkbox"/> Introduction to Ag	1.0

MATH	
<input type="checkbox"/> Algebra II	1.0
<input type="checkbox"/> Geometry	1.0
<input type="checkbox"/> Pre-Calculus	1.0

SOCIAL SCIENCE	
<input type="checkbox"/> 20 th Century US History	.5
<input type="checkbox"/> Current Events	.5
<input type="checkbox"/> Psychology	.5
<input type="checkbox"/> Civics*	.5
<input type="checkbox"/> US History & Geo*	1.0
<input type="checkbox"/> AP US History \$	1.0

PHYSICAL EDUCATION	
<input type="checkbox"/> Physical Ed	.5/1.0
<input type="checkbox"/> Strength/Cond	.5/1.0
<input type="checkbox"/> Health*	.5

BUSINESS/COMPUTER SCIENCE	
<input type="checkbox"/> Accounting I	1.0
<input type="checkbox"/> Accounting II#	1.0
<input type="checkbox"/> Marketing	1.0
<input type="checkbox"/> Microsoft Office I	.5
<input type="checkbox"/> Microsoft Office II	.5

\$ - fee associated with course

- teacher initial/recommendation required

* - required for graduation

1) Mark course selections to total **8.0 credits** even if you are considering alternative course options (listed in section 2)

2) Please check if you are considering:

- Teacher Assistance Program (TAP)/Education Pathway
- WACC (must apply and be accepted by committee)
- HCC/CollegeNOW (must be approved by FHS administration)
- APEX Virtual Course/Online HCC or College Course (must be approved by FHS administration)

3) Please list a total of 2.0 credits as **alternates** in case we cannot assign all of the above requests:

Parent Signature

Student Signature

SOPHOMORE SCHEDULE Course Selection Form

School year 2023-2024: Class of 2026 (Current Freshman)

ENGLISH		
<input type="checkbox"/> English II	*	1.0

MATH	
<input type="checkbox"/> Geometry	1.0
<input type="checkbox"/> Algebra II	1.0

SCIENCE		
<input type="checkbox"/> Biology I		1.0
<input type="checkbox"/> Chemistry I		1.0
<input type="checkbox"/> Intro to Engineering #	\$	1.0
<input type="checkbox"/> Principles of Eng.	# \$	1.0

SOCIAL SCIENCE	
<input type="checkbox"/> World History	1.0
<input type="checkbox"/> US History & Geography*	1.0
<input type="checkbox"/> AP US History \$	1.0
<input type="checkbox"/> Current Events	.5
<input type="checkbox"/> Careers*	.5

FINE ARTS/FOREIGN LANGUAGE		
<input type="checkbox"/> Art \$		.5
<input type="checkbox"/> Band \$		1.0
<input type="checkbox"/> Chorus \$		1.0
<input type="checkbox"/> Spanish	1/2	1.0

(check twice if Art two semesters)

PHYSICAL EDUCATION	
<input type="checkbox"/> Physical Ed*	.5/1.0
<input type="checkbox"/> Health*	.5
<input type="checkbox"/> Strength/Cond	.5/1.0

AGRICULTURE		
<input type="checkbox"/> Basic Ag Sci - Animal		.5
<input type="checkbox"/> Basic Ag Sci – Plant	\$	.5
<input type="checkbox"/> Introduction to Ag		1.0

BUSINESS/COMPUTER SCIENCE	
<input type="checkbox"/> Accounting I	1.0
<input type="checkbox"/> Microsoft Office I	.5
<input type="checkbox"/> Microsoft Office II	.5
<input type="checkbox"/> Computers I*	1.0

\$ - fee associated with course

- teacher initial/recommendation required

* - required for graduation

1) Mark course selections to total **8.0 credits**

2) Please list a total of 2.0 credits as **alternates** in case we cannot assign all of the above requests:

Parent Signature _____

Student Signature _____

FRESHMAN SCHEDULE Course Selection Form

School year 2023-2024: Class of 2027 (Current 8th graders)

ENGLISH	
<input type="checkbox"/> English I*	1.0

MATH	
<input type="checkbox"/> Algebra I	1.0
<input type="checkbox"/> Geometry/Trig#	1.0

SCIENCE	
<input type="checkbox"/> Physical Science	1.0
<input type="checkbox"/> Biology I	1.0
<input type="checkbox"/> Intro to Engineering # \$	1.0

SOCIAL SCIENCE	
<input type="checkbox"/> World History & Geography*	1.0
<input type="checkbox"/> Careers*	.5

FINE ARTS/FOREIGN LANGUAGE	
<input type="checkbox"/> Art \$	.5
<input type="checkbox"/> Band \$	1.0
<input type="checkbox"/> Chorus \$	1.0
<input type="checkbox"/> Spanish 1	1.0

(check twice if Art two semesters)

PHYSICAL EDUCATION	
<input type="checkbox"/> Physical Ed*	.5/1.0
<input type="checkbox"/> Health*	.5
<input type="checkbox"/> Strength/Cond	.5/1.0

AGRICULTURE	
<input type="checkbox"/> Introduction to Ag	1.0

BUSINESS/COMPUTER SCIENCE	
<input type="checkbox"/> Computers I*	1.0

\$ - fee associated with course

- teacher initial/recommendation required

* - required for graduation

1) Mark course selections to total **8.0 credits**

2) Please list a total of 2.0 credits as **alternates** in case we cannot assign all of the above requests:

Parent Signature _____

Student Signature _____



FORRESTON HIGH SCHOOL FOUR-YEAR PLAN H.S. GRADUATION and College Eligibility Requirements

NOTE: The pattern below represents one way to complete college eligibility requirements. Individual plans may vary. Parenthesis indicates selected courses taken beyond the minimum graduation requirements but **recommended for college**. Classes in all capital letters are required for high school graduation. Students should select enough courses to fill 8 class periods each year. During junior and senior years, some courses may last several class periods

Subjects	H.S.	College	9 th	10 th	11 th	12 th
Social Science	3 yrs.	3 yrs.	WORLD HIST/GEO	US HIST/GEO	CIVICS/ELECTIVE	
English	4 yrs.	4 yrs.	ENGLISH I	ENGLISH II	ENGLISH III	ENGLISH IV/ADV ENG
Mathematics	3 yrs.	4 yrs.	ALG I/GEO-TRIG	GEOM/ALGEBRA II	ALG II/PRE-CALC	(Math Year 4)
Science	3 yrs.	4 yrs.	PHYS SCI/BIO	BIO/CHEMISTRY	Science Year 3	(Science Year 4)
Foreign Language	*	2 yrs.	(World Lang. Year 1)	(World Lang. Year 2)	(World Lang. Year 3)	(World Lang. Year 4)
Music/Fine Arts	*	1 yr.				
Vocational/Business	*	<i>varies</i>	COMPUTERS			CONSUMERS ED
Phys. Ed./Health	2.5 yrs.	2.5 yrs.	PE/HEALTH	PE	PE (.5 credit)	
<i>COLLEGE ENTRANCE TESTS</i>	TBD**	SAT/ ACT	PSAT	PSAT	PSAT, ACT w/ writing or SAT	ACT w/ writing or SAT

***VOCATIONAL/FINE ARTS/FOREIGN LANGUAGE:** Students need to complete one credit in one of these three areas in addition to computers and consumer's education for high school graduation. For college admissions, students are encouraged to take two years of a foreign language.

****REQUIRED HS EXAMINATION:** While there is no high school proficiency examination, high school students are required to complete an assessment to determine their College and Career Readiness. The timing and type of this examination may vary.

Required Area	High School Graduation	College Bound
1. Coursework	28 credits total	28 total credits, minimum. Selective colleges often look for more rigorous courses, such as Honors, and courses beyond the minimum requirement/recommendation.
2. Minimum grade	D- or higher	C or higher, selective colleges are looking for the best grades
3. GPA	No requirement	2.5 minimum recommended for those who are college bound
4. College Entrance Tests	State required examination**	PSAT in October of junior year (optional). SAT or ACT w/ writing