Sterling High School
Course Description Book
2024-2025

SHS Graduation Requirements

Sterling High School students need a total of **22 credits** to graduate. See the table below for a breakdown of the credit requirements. Generally, year-long courses are 1 credit; semester-long courses are 0.5 credits.

CREDITS REQUIRED	SUBJECT	SPECIFIC REQUIREMENTS
4	English	
3	Mathematics	- Algebra 1 - Geometry
2	Science	
2.5	Social Studies	- US History - Government - Economics (or Consumer Ed equivalent)
3.5	Health, Physical Education	- Health - 3 credits of Physical Education
7	Electives	- 1 credit in Business, Technology, Art, WACC, or World Language
22 Total Credits		
General college preparation requires 4 years of English, 3-4 years of Math (through Algebra 2), 3-4 years of Science, 3 years of Social Studies, and 2 years of a World Language.		

Each school year, students need to earn a minimum of 5 credits to be promoted to the next grade level. Students will be retained grade levels if they do not earn enough credits, which impacts their ability to graduate on time. A student will not be classified as a senior until he/she has completed the designated school-wide assessment according to Illinois guidelines.

Grade 9	Grade 10	Grade 11	Grade 12
0 - 4.5 Credits	5-9.5 Credits	10-14.5 Credits	15+ Credits and Completion of state-mandated assessment

SHS Grading System

The only courses that are weighted are Advanced Placement courses. All other courses are non-weighted courses. See below for a breakdown of Sterling High School grade point average calculation.

GRADE	POINT VALUE	WEIGHTED POINT VALUE
A	4	5
B	3	4
C	2	3
D	1	1
F	0	0
WP (Withdrawal Passing)	*Not calculated in GPA but does goes on transcript*	*Not calculated in GPA but does goes on transcript*
WF (Withdrawal Failing)	*Not calculated in GPA but does goes on transcript*	*Not calculated in GPA but does goes on transcript*
P (Passing)	*Not calculated in GPA but does goes on transcript*	*Not calculated in GPA but does goes on transcript*

All semester grades earned by students are represented on the student's transcript. This includes all grades for classes that are repeated.

- If a student retakes a course, both grades (first time and second time taking course) will be present on the student's transcript. The higher of the two grades will be figured into the student's cumulative GPA (grade point average) if the student elected to take it a second time and didn't fail it the first time.
- If a student fails a course required for high school graduation at Sterling High School or the student's prior high school, the student must take this course using a computer-based learning program. Both the "F" grade and second grade will be present on the student's transcript. Both grades will be figured into the student's cumulative GPA (grade point average).

SHS COURSE REGISTRATION OVERVIEW

Registration Process

Students will meet with their assigned counselor during the beginning of second semester. In this meeting, students and counselors will review completed courses, generate course requests for the following school year, and discuss college and career plans. The master schedule is created based on students' course requests and staffing, which are elements that can change from year to year. Towards the end of second semester, students will be able to access their schedules without assigned teachers or lunches. Students are highly encouraged to review their schedule and contact their counselor to adjust any errors or changes prior to the end of the semester (before summer break). Students should email their counselor to set up an appointment to discuss any schedule changes prior to the end of second semester.

Requesting a Schedule Change

If a student wishes to withdraw/drop from a class, they must obtain a withdrawal form from the student's counselor. Students are encouraged to discuss withdrawal from a class thoroughly with the involved teacher, parents/guardians, and counselors. All other possible alternatives should be explored before the withdrawal option is implemented. Students are encouraged to make schedule changes prior to the beginning of the semester whenever possible. After the first marking period, a WP or WF grade may be issued. See the SHS Family Handbook for more details.

Accelerated Placement Act

Public Act 101-0654, enacted in spring 2021, amended Illinois School Code to allow for the automatic enrollment in the following school term of a student into the next most rigorous level of advanced coursework if the student meets or exceeds state standards in English language arts, mathematics, or science on a state assessment. This amendment applies to grades 9-12. School districts are required to provide the parent/guardian and student with the option to opt-out of the automatic placement given that other advanced coursework better aligns with the student's postsecondary education/career goals. Counselors will meet with students who meet the criteria above during course registration and make any authorized adjustments as appropriate.

Dual Credit Classes

Dual-credit courses in high school offer students the opportunity to earn both high school and college credit simultaneously. These courses allow motivated high school students to experience college-level academics while still in a high school setting. In working with Sauk Valley Community College, dual-credit courses are offered in various subjects and are denoted in blue. To enroll in dual-credit courses, students generally need to meet certain academic criteria and demonstrate readiness for the rigor of college coursework via a placement test.

NCAA Eligibility Requirements

The NCAA Eligibility Center, also known as the NCAA Clearinghouse, sets forth specific eligibility requirements for high school student-athletes aspiring to participate in NCAA Division I or Division II sports. To be eligible, students must complete a core curriculum of NCAA-approved courses during their high school years. These

courses cover subjects such as English, mathematics, science, social studies, and foreign language. It's crucial for students to ensure that the courses they take align with the NCAA-approved course list, as not all high school courses are accepted. Additionally, students must maintain a minimum GPA in their core courses, with specific GPA requirements varying between Division I and Division II. Apart from academic criteria, prospective student-athletes also need to register with the NCAA Eligibility Center, submit their academic and athletic information, and meet standardized test score requirements.

Preparing for College Admission

Please note that entry requirements vary based on the college or university. Students should be sure to check specific requirements on that school's admissions webpage. The following table generally compares graduation requirements with college admission recommendations.

Subject	SHS	Community College or Vocational School	Four Year College or University	Selective College or University
English	4 years	4 years	4 years	4 years
Math	3 years	3 years	4 years	4 years
Science	2 years	2 years	3 years	4 years
Social Studies	2.5 years	2.5 years	3 years	3 or 4 years
World Language	None Required	None Required	2 years	2-4 years

Early Graduation

The Superintendent or designee shall implement procedures for students to graduate early. In order to qualify for early graduation, the student must complete the following criteria:

1. Completion of seven semesters of school attendance
2. Passing all core classes in the first six semesters
3. Be on track to graduate
4. A conference with the student's counselor to discuss eligibility
5. Signed Parent Form submitted to counselor and administrator

If the student meets the criteria above, the school counselor will notify the building principal of the student's request and eligibility to graduate early. A student completing graduation requirements mid-year will be eligible to participate in the graduation ceremony in May. A student completing the graduation requirements during summer school is not eligible to participate in a ceremony unless he/she is covered by Illinois HB7344. After discussing eligibility and request with the counselor, students will complete the Early Graduation form that requires parent/guardian signature and submit the form to the counselor.

Summer School

Any student may retake a course (if he/she passed the first time at Sterling High School or the High School the student attended previously) to improve the student's understanding of course concepts. If a student retakes a

course, both grades (first time and second time taking course) will be present on the student's transcript. The higher of the two grades will be figured into the student's cumulative GPA (grade point average) if the student elected to take it a second time and didn't fail it the first time. If a student fails a course required for high school graduation at Sterling High School or the student's prior high school, the student must take this course using a computer-based learning program. Both the "F" grade and second grade will be present on the student's transcript. Both grades will be figured into the student's cumulative GPA (grade point average). Sterling High School offers a computer-based learning program as a credit recovery option for the students. This program will be available during a designated class that will be listed as CBL (computer-based learning) on the student's schedule. During this class the students will be assigned a teacher who will assist the student in completing the class. If a student takes Algebra 1 in 8th grade and opts to retake the course as a freshman, only the high school credit will appear on the student's transcript and figured into the GPA. Students enrolled in summer school courses will be required to pay a course fee per 1/2 credit course. Some courses are offered through a computer-based learning program as part of credit recovery. These are for students who have previously failed a course. Other courses are taught by an instructor and are for students taking a course for the first time. Registration for credit recovery or summer school is done in the Main SHS Office or with a student's counselor during regular office hours. Information about which courses will be offered during summer school will be available in the spring.

PE Waivers

If a student in grades 9-12 wishes to earn a a PE Waiver (an exemption from PE), they must satisfy one or more of the following criteria:

- Enrollment in Reserve Officer's Training Corp (ROTC) program sponsored by the District (Athletic PE Waiver)
- Ongoing participation in an interscholastic athletic program (Athletic PE Waiver)
- Enrollment in academic classes that are required for admission to an institution of higher learning (student must be in the 11th - 12th grade) (Academic PE Waiver)
- Enrollment in academic classes that are required for graduation from high school, provided that failure to take such classes will result in the pupil being unable to graduate (student must be in the 11th - 12th grade). (Academic PE Waiver)
- Student has authorized medical documentation of a disability that prevents them from physically participating in the course (Medical PE Waiver)

A student in grades 9-12, unless otherwise stated, may submit a request to their counselor and/or administrator to be excused from physical education courses for one of the reasons mentioned above. A student must maintain enrollment in at least five credit earning classes to receive PE credit for the athletic exemption.

Pass/Fail Courses

Students may elect to take a course on a pass/fail basis if the requirements listed below are met:

- The teacher of the class must be consulted prior to a student's election of this option.
- The teacher of the class will determine what grade percentage constitutes a passing grade but in no case shall this grade be more than 60%.
- The teacher, counselor, administrator, and parent must sign a request slip available in the counselors' office.
- No student will be allowed to take a class pass/fail until he or she has earned 10 credits.

- The completed and signed pass/fail form must be submitted by the last day of marking period 2 in either semester. The pass/fail option cannot be changed once initiated.
- Any course that is used to fulfill graduation requirements may not be taken pass/fail.
- The 1st and 2nd years of a foreign language may not be taken pass/fail.
- A grade of “P” is recorded for a student who has met the teacher’s requirement for passing a class, and this grade is not calculated into a student’s GPA.
- A grade of “F” is recorded for a student who does not meet the teacher’s requirement for a passing grade, and this grade is calculated into the student’s GPA.

Report Cards & Transcripts

At any time during the school year, an academic progress report can be accessed digitally on Skyward Documents. Official report cards are issued at the end of each semester. These semester grades are recorded on the student’s transcript. A semester grade is the cumulative grade of the four grading periods and includes a semester/final exam. Report cards can be accessed online through skyward and are also mailed to families at the end of each semester. Official transcripts can be requested by filling out a form and returning to the administrative assistant in the main office. Transcripts are typically available in paper and/or digital format within 3-5 business days. Parents/Guardians are able to request transcripts on behalf of the staff under 18 years of old. Once a student turns 18, the student must submit the request themselves.

Course Planning Guides

In order to graduate from Sterling High School, a student is required to earn 22 credits during high school. Each semester-long class earns 0.5 credit (excluding Study Hall). Each year-long class earns 1.0 credit. Each year, students should minimally earn 5 credits to be promoted to the next grade level. No class may be used to satisfy two graduation requirements. Students should communicate with their assigned school counselor for clarification of any SHS policies regarding coursework, credits, and grading. View this attachment to access course planning guides for each grade level; these can be used to draft an outline for a year or four-year plan.

English Course Offerings

Students are required to earn 4 credits of English to graduate. All English courses are year-long courses. In order to advance to the next level of English, at least one semester of the prerequisite English course must be passed.

English Course Sequence

Grade 9	Grade 10	Grade 11	Grade 12
English 1	English 2	English 3	English 4
Accelerated English 1	Accelerated English 2	AP Lang & Comp	AP Lang & Comp
			AP Lit & Comp

English Course Descriptions

ENGLISH 1		ENG09
GRADE LEVEL: 9	CREDIT: 1	COURSE LENGTH: Year
PREREQUISITE: None		
English 1 develops essential analytical writing skills covering claim, lead-in, evidence, and analysis, the ultimate goal at mastering the formal body paragraph, mostly analysis and compare and contrast modes of writing. Course content studies nonfiction memoirs (the central texts) as well as shorter excerpts from novels and nonfiction. Vocabulary and grammar [eight parts of speech: nouns, pronouns, adjectives, verbs, etc.) work will also be included in daily studies.		

ACCELERATED ENGLISH 1		ENG09A
GRADE LEVEL: 9	CREDIT: 1	COURSE LENGTH: Year
PREREQUISITE: Accelerated English in middle school encouraged but not required		
Accelerated English 1 develops essential skills in the following writing modes: analysis, narrative, compare and contrast, and synthesis, with special emphasis placed on the analysis paragraph and essay. Grammar study includes eight parts of speech, which lay the foundation to be built upon in Accelerated English 2. Students will read four college-bound books total, one of which they will choose themselves. They will also read, annotate, and analyze excerpts from multiple books and articles which are linked thematically to the		

central texts. Students will also learn Greek and Roman mythology, with special emphasis on how ancient terms, characters, and stories are relevant today.

ENGLISH 2		ENG10
GRADE LEVEL: 10	CREDIT: 1	COURSE LENGTH: Year
PREREQUISITE: English 1 or Accelerated English 1		
English 2 reinforces and expands the knowledge and skills learned in English 1. Critical reading of literary genres, with a focus on world literature and author's craft, helps develop skills on both the literal and interpretive levels. A strong focus for this year is the mastery of compositional skills demonstrating mastery of organization, support, and mechanics. The course includes analytical writing that demonstrates the student's skills in grammar, synthesis, and citation. The research process is introduced both formally and through informal means using technology.		

ACCELERATED ENGLISH 2		ENG10A
GRADE LEVEL: 10	CREDIT: 1	COURSE LENGTH: Year
PREREQUISITE: English 1 or Accelerated English 1, Accelerated English 1 encouraged but not required		
This is the second level course in the Accelerated Language Arts sequence. Students who plan to enroll in AP (Advanced Placement) courses as upperclassmen, particularly English Language (11th grade) and/or Literature (12 th grade), should take this course. In this course students will write responses to videos, book excerpts, poems, articles and essays, short stories, etc. They will also write a formal narrative, analysis essays, and a research paper. Students will be encouraged and required to incorporate rhetorical techniques within their own writing that make writing most effective. Students will read five college-bound books total, two of which they will choose for themselves. Grammar study includes ten areas of study. Students will also continue to learn Greek and Roman mythology, with special emphasis on how ancient terms, characters, and stories are relevant today.		

ENGLISH 3		ENG11
GRADE LEVEL: 11	CREDIT: 1	COURSE LENGTH: Year
PREREQUISITE: English 2 or Accelerated English 2		
Students will be assigned tasks that incorporate reading texts (novels, short stories, speeches, essays, etc.) of American Literature, paired with personal and critical analysis through writing. Students will explore traditional themes of American Literature, as well as historical and modern context and applications. Students will research and interpret a range of topics related to Media Literacy and the current climate of media usage. Extended texts for English 3 include *The Crucible, Catcher in the Rye,* and *To Kill a Mockingbird*. Class will also include extensive study in grammar, vocabulary, and rhetoric to prepare students for the English portion of the SAT exam.		

AP LANGUAGE & COMPOSITION		ENG11A
GRADE LEVEL: 11, 12	CREDIT: 1 (Weighted)	COURSE LENGTH: Year
PREREQUISITE: English 2 or Accelerated English 2		
Advanced Placement English Language is a study of rhetoric, including both written and non-written (visual and auditory) texts. Emphasis is on the rhetorical techniques writers employ to make their arguments effective. Students will study and write the three free-response modes on the AP exam in May: synthesis essay, analysis essay, and argument essay. Students will also study for the multiple-choice section of the exam.		

ENGLISH 4		ENG12
GRADE LEVEL: 12	CREDIT: 1	COURSE LENGTH: Year
PREREQUISITE: English 3 or AP Language & Composition		
English 4 is a thematic study of texts of various genres, including extended texts, short stories, essays, poetry, drama, and film. The units are designed to address issues related to self: factors related to the formation of identity, steps to ensure success in future endeavors, and how one's self identity will be projected in life beyond high school. The study of texts is designed to increase their analytical skills and writing abilities. Work focuses on increasing student ability to create an argument and defend it effectively. Students' reading of advanced texts is supported through grammar instruction and reading strategies (e.g., annotation, graphic organizers, and group discussion).		

AP LITERATURE & COMPOSITION		ENG12A
GRADE LEVEL: 12	CREDIT: 1 (Weighted)	COURSE LENGTH: Year
PREREQUISITE: English 3 or AP Language & Composition		
In the AP English Literature and Composition course, students devote themselves to the study of literary works written in—or translated into—English. Careful reading and critical analysis of such works of fiction, drama, and poetry, selected locally by responsible educators, provide rich opportunities for students to develop an appreciation of ways literature reflects and comments on a range of experiences, institutions, and social structures. Students will examine the choices literary writers make and the techniques they utilize to achieve purposes and generate meanings. Students also study writing and speaking skills that will allow them to express their interpretations precisely and logically.		

Mathematics Course Offerings

Students are required to earn 3 credits of Math to graduate. All Math courses are year-long courses. In order to advance to the next level of Math, at least one semester of the prerequisite Math course must be passed. Algebra 1 and Geometry are required courses for all students.

Mathematics Course Sequence

Grade 9	Grade 10	Grade 11	Grade 12
Algebra 1	Geometry	Algebra 2	Math 121 / 122
Accelerated Geometry	Accelerated Algebra 2	Algebra 3 & Trig	Tech Math
		AP Pre-Calc	AP Statistics
		Math 121 / 122	AP Calc AB
		Tech Math	AP Calc BC
		AP Statistics	Stats in Sports
		Stats in Sports	Quantitative Lit & Stats

Mathematics Course Descriptions

ALGEBRA 1		MTH09
GRADE LEVEL: 9	CREDIT: 1	COURSE LENGTH: Year
PREREQUISITE: None		
Algebra 1 is critical to all students. This course is required for gainful employment in most careers in the twenty-first century and for post-secondary education, including vocational training, community college, or four year college. The primary topics are arithmetic with polynomials and expressions, creating equations, inequalities, and graphs of functions, and heavily focuses on reasoning with equations and inequalities. Students are also required to communicate mathematically by constructing viable arguments and critiquing the work of others. Course integrates technology with the regular use of graphing calculators. The students are expected to complete all assignments to master the Algebra 1 content. Recommended Technology: TI-83Plus or TI-84 Graphing Calculator		

ACCELERATED GEOMETRY	MTH09A

GRADE LEVEL: 9	CREDIT: 1	COURSE LENGTH: Year
PREREQUISITE: Algebra 1		
This course satisfies college requirements for high school geometry. Standard plane geometry topics including points, lines, planes, parallelism, perpendicularity, two column and paragraph proofs, circles, quadrilaterals, congruency, similarity, areas, and volumes. In addition to the regular geometry course, enrichment topics are also included such as the Law of Sines, the Law of Cosines, and their applications. Recommended Technology: TI-83Plus or TI-84 Graphing Calculator		

GEOMETRY		MTH10
GRADE LEVEL: 10	CREDIT: 1	COURSE LENGTH: Year
PREREQUISITE: Algebra 1		
This course satisfies college requirements for high school geometry. Standard plane geometry topics including points, lines, planes, parallelism, perpendicularity, two-column and paragraph proofs, circles, quadrilaterals, congruency, similarity, and volumes. Recommended Technology: TI-83Plus or TI-84 Graphing Calculator.		

ACCELERATED ALGEBRA 2		MTH10A
GRADE LEVEL: 10	CREDIT: 1	COURSE LENGTH: Year
PREREQUISITE: Accelerated Geometry		
This Algebra 2 course sequentially follows Algebra 1 and Accelerated Geometry. The structure of algebra is reinforced and methods to increase student understanding of mathematical concepts are introduced. Students will move toward more independent learning. This course integrates technology as a problem-solving tool. Recommended Technology: TI-83 Plus or TI-84 Graphing Calculator.		

ALGEBRA 2		MTH11
GRADE LEVEL: 11, 12	CREDIT: 1	COURSE LENGTH: Year
PREREQUISITE: Geometry or Accelerated Geometry		
Algebra 2 is a course sequentially following Algebra 1 or Geometry. The most common sequence is Algebra 1, Geometry, and Algebra 2. In this course students will learn the application of algebraic functions in real life situations. They will learn how to create, solve, and graph algebraic equations. They will also learn how to interpret characteristics of graphs and analyze solutions to problems. Students also learn the structure of algebraic expressions and how to simplify expressions. At the end of the course, students will be introduced to trigonometry, probability, and statistics. Recommended Technology: TI-83Plus or TI-84 Graphing Calculator.		

ALGEBRA 3 & TRIGONOMETRY		MTHA3T
GRADE LEVEL: 11, 12	CREDIT: 1	COURSE LENGTH: Year
PREREQUISITE: Algebra 2 or Accelerated Algebra 2		
This course is designed for college bound students who have successfully completed Algebra 1, Geometry, and Algebra 2. The main emphasis is on trigonometry, with assorted topics in Algebra 3. This is a rigorous course that will require hard work and determination. Recommended Technology: TI-83 Plus or TI-84 Graphing Calculator.		

AP PRE-CALCULUS & TRIGONOMETRY		MTHAPC
GRADE LEVEL: 11, 12	CREDIT: 1 (Weighted)	COURSE LENGTH: Year
PREREQUISITE: Algebra 2 or Accelerated Algebra 2		
This course is designed as a junior level math course for college-bound students. Topics in discrete mathematics and trigonometry are discussed. Extensive work beyond the text is required. This class is flipped. Most of the lessons are lecture-discussion based but sometimes students will watch video lessons at home, and then they will do the assignment in class in small groups. This course will prepare students for the AP Pre-Calculus examination. Many college majors require a trigonometry course, which could be fulfilled with a passing score on the AP Pre-Calculus exam at the end of the school year. Recommended Technology: TI-83Plus or TI-84 Graphing Calculator.		

TECHNICAL MATH		MTHTM
GRADE LEVEL: 11, 12	CREDIT: 1	COURSE LENGTH: Year
PREREQUISITE: Algebra 2, Basic Ag Mech or Welding, Active enrollment as WACC student as a junior / interest in a trade career as a senior		
Technical Math was designed to provide real world mathematical applications for a wide variety of career choices in trade and technical fields that include plumbing, automotive, construction, landscaping, agriculture, carpentry, welding, roofing, retail and more. Students will review and apply arithmetic concepts including operations with fractions, percents, proportions, and ratios. They will also review and apply Algebra and Geometry skills such as solving a proportion or finding the area of a variety of shapes. Students will learn how to use various measuring devices such as a tape measure, angle finder and micrometer. It is highly recommended that students have interest in a trade career before signing up for this class.		

DUAL-ENROLLED TRIGONOMETRY (MATH 121 / 122)		MTH121, MTH122
GRADE LEVEL: 11, 12	CREDIT: 1 (Weighted)	COURSE LENGTH: Year
PREREQUISITE: Successful completion of Algebra 2, AND Aleks Test or 3 years of math with a C or higher; to stay enrolled for 122 second semester, a grade of C or higher in 121 first semester		

Math 121 assumes proficiency with materials covered in Algebra I, Geometry, and Algebra II. Topics covered in this course will extend to the college level and will include: real numbers, exponents and radicals, polynomials and factoring, fractional expressions, equations and inequalities, functions and their graphs, conic sections, and systems of equations and inequalities. New topics include: zeros of polynomial functions, rational functions, exponential and logarithmic functions, matrices and determinants, sequences, and the binomial theorem. Math 122 consists of a survey of trigonometry and its applications. Topics include a review of prerequisite topics, radian measure and the unit circle, trigonometric functions and their graphs, and inverse trigonometric functions. Also included are trigonometric identities and equations, the solution of right and oblique triangles, vectors, and a review of exponential and logarithmic functions and their applications.

STATISTICS IN SPORTS		MTHSIS
GRADE LEVEL: 11, 12	CREDIT: 1	COURSE LENGTH: Year
PREREQUISITE: Algebra 2 or Accelerated Algebra 2		

This course teaches students how to use four-steps of the statistical process: ask questions, collect data, analyze data, and make conclusions in the context of sports. Each unit will begin with a sports-related statistical question (e.g. Is there a home field advantage in the NFL?) and then students will learn how to collect appropriate data, how to analyze the data, and how to make appropriate conclusions. Although the context of the examples and exercises will be sports related, the primary focus of the class will be to teach students the basic principles of statistical reasoning. Major statistical topics include: making appropriate graphical displays for both categorical and numerical data ; calculating and interpreting summary statistics for data, both categorical and quantitative; least squares regression; the concept of independence; using simulations to estimate probability distributions; using probability distributions and expected value to evaluate strategy in sports; the logic of hypothesis testing, including stating hypotheses, calculating and interpreting p-values, drawing conclusions, and Type I and Type II errors; and proper methods of data collection, including sampling and experiments. Use of technology, including statistical software, online applets, and the graphing calculator will be prominent in the course. Students will also have to complete projects which require all 4 steps of the statistical process to be completed using data collected online or by the students themselves.

AP STATISTICS		MTHAPS
GRADE LEVEL: 11, 12	CREDIT: 1 (Weighted)	COURSE LENGTH: Year
PREREQUISITE: Algebra 2 or Accelerated Algebra 2		

AP Statistics will provide the senior student with a firm understanding of statistics including but not limited to data description techniques, frequency distributions, normal distributions, confidence intervals, and hypothesis testing. The graphing calculator is essential for mastery of these concepts. This course will prepare students for the AP Statistics examination. Many college majors require a statistics course, which could be fulfilled by the end of senior year with a passing score on the AP Statistics exam.

AP CALCULUS AB		MTHCAB
GRADE LEVEL: 11, 12	CREDIT: 1 (Weighted)	COURSE LENGTH: Year
PREREQUISITE: AP Pre-Calculus		
This class is a lecture-discussion type class containing Differential and Integral Calculus. Both theory and practical applications are included. Graphing of higher order functions and mathematical reasoning in three spaces is required. Prerequisites are four years of mathematics including algebra, geometry, theory of equations, logarithmic functions, and trigonometry functions. Students may be granted college credit depending on the score they receive on the AP exam given in the spring and the policy of the university in which they enroll.		

AP CALCULUS BC		MTHCBC
GRADE LEVEL: 12	CREDIT: 1 (Weighted)	COURSE LENGTH: Year
PREREQUISITE: AP Calculus AB		
This class is a student centered environment class containing Differential and Integral Calculus for Cartesian, Parametric and Polar functions. Both theory and practical applications are included. The curriculum also contains the study of sequences and Series. Graphing of higher order functions and mathematical reasoning in three spaces is required. Prerequisites are four years of mathematics including algebra, geometry, theory of equations, logarithmic functions, polar equations, and trigonometry functions. Students may be granted college credit depending on the score they receive on the AP exam given in the spring and the policy of the university in which they enroll. AP Calculus BC goes over the material of AP Calculus AB, which is equivalent to the content from Calculus 1 in College, and additional material equivalent to content from Calculus 2.		

QUANTITATIVE LITERACY & STATISTICS		MTHQLS
GRADE LEVEL: 12	CREDIT: 1	COURSE LENGTH: Year
PREREQUISITE: Algebra 2 or Accelerated Algebra 2		
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 (operation sense, estimation, measurement, quantitative reasoning, basic statistics, and mathematical summaries), 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.		

Science Course Offerings

Students are required to earn 2 credits of Science to graduate. All Science courses are year-long courses. College preparation requires students to have 3 or more credits of science, including Biology, Chemistry, and Physics.

Science Course Sequence

Grade 9	Grade 10	Grade 11	Grade 12
Biology	Chemistry	Chemistry	Chemistry
Accelerated Biology	Accelerated Chemistry	Physical Science	Physical Science
	Physical Science	AP Biology	AP Biology
	AP Biology	Physics	Physics
		AP Chemistry	AP Chemistry
		Anatomy & Physiology	Anatomy & Physiology
		AP Environmental Science	AP Environmental Science
AGRICULTURE COURSES THAT COUNT AS A SCIENCE CREDIT			
Horticulture 1	Horticulture 1	Horticulture 1	Horticulture 1
	Animal Science 1	Animal Science 1	Animal Science 1
	Crop Science	Crop Science	Crop Science

Science Course Descriptions

BIOLOGY		SCI09
GRADE LEVEL: 9	CREDIT: 1	COURSE LENGTH: Year
PREREQUISITE: None		
The study of cells, anatomy, physiology, DNA and genetics, diversity and interrelationships of living things, evolutionary theory, and other life science topics.		

ACCELERATED BIOLOGY	SCI09A

GRADE LEVEL: 9	CREDIT: 1	COURSE LENGTH: Year
PREREQUISITE: None		
An accelerated biological/environmental course designed to help prepare students for AP courses and other advanced science courses. Topics include biochemistry, cellular studies, genetics, anatomy and physiology, and environmental units.		

CHEMISTRY		SCI10
GRADE LEVEL: 10, 11, 12	CREDIT: 1	COURSE LENGTH: Year
PREREQUISITE: Algebra 1, Biology or Physical Science		
Chemistry is concerned with all of the substances that make up our environment and with the changes that take place in these substances. Lab experiences provide the technical and manipulatory skills that are a prerequisite for many professions. The importance of chemistry to the consumer and its role in protecting the environment is integrated within the course. Some of the major topics covered are measurement, atomic theory, gasses, equations, chemical calculations, mole concept, equilibrium, bonding, acids and bases.		

ACCELERATED CHEMISTRY		SCI10A
GRADE LEVEL: 10	CREDIT: 1	COURSE LENGTH: Year
PREREQUISITE: Algebra 1		
This is the second course in the Science Accelerated sequence. Content similar to regular Chemistry course with appropriate adjustments for high ability students.		

PHYSICAL SCIENCE		SCIPS
GRADE LEVEL: 10, 11, 12	CREDIT: 1	COURSE LENGTH: Year
PREREQUISITE: Completed or currently enrolled in Algebra 1; Cannot be taken if previously passed or currently enrolled in Chemistry or Physics		
Physical Science is a full year laboratory course that deals primarily with topics of basic chemistry and physics. It is offered for students who plan later to enroll in one or more of the advanced science courses of Advanced Life Science, Chemistry, or Physics.		

AP BIOLOGY		SCIAPB
GRADE LEVEL: 10, 11, 12	CREDIT: 1 (Weighted)	COURSE LENGTH: Year
PREREQUISITE: Completed or currently enrolled in Chemistry, Biology, or Algebra 2		

AP Biology is a course designed to be the equivalent of the general biology course usually taken during the first college year. Students may be granted college credit depending on the score they receive on the AP exam given in the spring and the policy of the university in which they enroll. Topics include Biochemistry, Cellular Biology, Energy and Metabolism, Molecular Genetics and DNA, Organism Form and Function, Evolution and Ecology.

PHYSICS		SCIPHY
GRADE LEVEL: 11, 12	CREDIT: 1	COURSE LENGTH: Year
PREREQUISITE: Completed or currently enrolled in Algebra 2		
Physics course is a laboratory based course involving the study of the basic motions of the universe and the equations that describe them. Topics then include force, energy, momentum, electricity, waves, and astronomy.		

AP CHEMISTRY		SCIAPC
GRADE LEVEL: 11, 12	CREDIT: 1 (Weighted)	COURSE LENGTH: Year
PREREQUISITE: Chemistry, Biology, Completed or currently enrolled in Algebra 2		
AP Chemistry is a course designed to be the equivalent of the general chemistry course usually taken during the first college year. Students may be granted college credit depending on the score they receive on the AP exam given in the spring and the policy of the university in which they enroll.		

ANATOMY AND PHYSIOLOGY		SCIAP
GRADE LEVEL: 11, 12	CREDIT: 1	COURSE LENGTH: Year
PREREQUISITE: Biology and Chemistry		
This course will cover all human body systems including integumentary, skeletal, muscular, nervous, respiratory, digestive, excretory, reproductive, and circulatory. This course will have college level depth of content and is designed to prepare students for college level science courses. The Laboratory component of this course includes anatomical studies using microscopy and the dissection of a cat along with multiple organs. Activities will include lecture, lab reports, disease investigations, class presentations, and video analysis. The class concludes with field trips to examine human cadavers in a college laboratory setting.		

AP ENVIRONMENTAL SCIENCE		SCIAPE
GRADE LEVEL: 11, 12	CREDIT: 1 (Weighted)	COURSE LENGTH: Year
PREREQUISITE: Algebra 1 and 2 Years of Science (Biology and Chemistry recommended)		

In AP Environmental Science, students explore the intricate relationships between humans and the environment. The course delves into key ecological principles, emphasizing the understanding of ecosystems, biodiversity, and the Earth's natural processes. Students examine human impact on the environment, including topics such as pollution, resource depletion, and climate change. Through hands-on labs and case studies, learners develop critical thinking skills to analyze environmental issues and propose sustainable solutions. The course aims to equip students with the knowledge and skills necessary to make informed decisions about environmental challenges and contribute to a more sustainable future.

AGRICULTURE COURSES THAT COUNT AS A SCIENCE CREDIT		
HORTICULTURE 1		AGHOR1
GRADE LEVEL: 9, 10, 11, 12	CREDIT: 1	COURSE LENGTH: Year
PREREQUISITE: None		
This course is designed to introduce students to the horticulture industry and provide them with basic plant science knowledge that can be further developed in advanced horticulture courses. Major units of instruction include horticulture research, horticultural careers, plant anatomy, seed germination, plant propagation, growing media, pest management, hydroponics, identifying horticultural plants, growing greenhouse crops, and floral design. Improving computer and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.		

ANIMAL SCIENCE 1		AGAS1
GRADE LEVEL: 10, 11, 12	CREDIT: 1	COURSE LENGTH: Year
PREREQUISITE: None		
This course will develop students' understanding of the livestock (beef, dairy, sheep, goats, and swine), poultry, and large (equine) animal industry. Topics of instruction include genetics, animal anatomy and physiology, animal nutrition, animal reproduction, animal health, and meat science. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.		

CROP SCIENCE		AGCROP
GRADE LEVEL: 10, 11, 12	CREDIT: 1	COURSE LENGTH: Year
PREREQUISITE: Intro to Ag, Horticulture, or Basic Ag Mech		
This course is designed to provide students with the knowledge and skills necessary for future employment in the agronomy or related industries. Major units of instruction include equipment identification and management, soil classifications, soil erosion and management, soil fertility, plant classification, plant anatomy and physiology, plant growth, integrated pest management, grain, oil, forage, and fiber crop production methods, grain quality, grain storage, and grain transportation. Students will gain hands-on		

experience managing the FFA plot which will include trips to the property throughout the school year. Applied science and math skills and concepts will be stressed throughout the course as they relate to each area. Improving computer and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

Social Studies Course Offerings

Students are required to earn 2.5 credits of Social Studies to graduate. Social Studies courses are a mix of year-long and semester-long courses. All students are required to complete US History, Government, and Economics courses to graduate.

Social Studies Course Sequence

Grade 9	Grade 10	Grade 11	Grade 12
World History [Y]	Early American Geography [S]	US History [Y]	Government [S]
Accelerated World History [Y]	AP Human Geography [Y]	AP US History [Y]	AP Government [S]
AP Human Geography [Y]	AP US History [Y]	Sociology [S]	Economics [S]
	Sociology [S]		Sociology [S]
[Y] - Year-Long Course *[S] - Semester-Long Course*			

Social Studies Course Descriptions

WORLD HISTORY		SOC09
GRADE LEVEL: 9	CREDIT: 1	COURSE LENGTH: Year
PREREQUISITE: None		
This course is a study of the organization, historical development, and current status of various civilizations in the world other than the United States. Study areas for the first semester include the examination of Greek and Roman Civilizations, World Religions, the Middle Ages, and the Renaissance and Reformation. Second semester topics include the development of civilization in the Meso-America, South America, Exploration, French, American and English Revolution, Industrialization, Imperialism, World War I, World War II, and the world today.		

ACCELERATED WORLD HISTORY		SOC09A
GRADE LEVEL: 9	CREDIT: 1	COURSE LENGTH: Year
PREREQUISITE: None		

This course is an advanced study of the organization, historical development, and current status of various civilizations in the world other than the United States. Study areas for the first semester include the examination of Greek and Roman Civilizations, World Religions, the Middle Ages, and the Renaissance and Reformation. Second semester topics include the development of civilization in the Meso-America, South America, Exploration, French, American and English Revolution, Industrialization, Imperialism, World War I, World War II, and the world today.

AP HUMAN GEOGRAPHY		SOC10A
GRADE LEVEL: 9, 10	CREDIT: 1 (Weighted)	COURSE LENGTH: Year
PREREQUISITE: None		
The course is designed to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice. The curriculum used is designated by Advanced Placement. Students may be granted college credit depending on the score they receive on the AP exam given in the spring and the policy of the university in which they enroll.		

EARLY AMERICAN GEOGRAPHY		SOC10
GRADE LEVEL: 10	CREDIT: 0.5	COURSE LENGTH: Semester
PREREQUISITE: None		
This course is a survey of American geography through a historical lens. In addition to covering the geographical landscape of America, we will be focusing on specific historical events that shaped our nation. The historical time period will cover the Age of Exploration to the start of the Civil War. The purpose of this class is to improve student knowledge of geography as well as improving specific skills such as reading, writing, defending opinions, and making inferences. This course will include a variety of activities including group work, map work, geographic identification, projects, class lecture/discussions, research, video, and other student-centered activities that put students in actual historic situations.		

SOCIOLOGY		SOCSOC
GRADE LEVEL: 10, 11, 12	CREDIT: 0.5	COURSE LENGTH: Semester
PREREQUISITE: None		
The course examines social life and behavior especially in relation to social systems and how they are affected by the people who participate in them. Students enrolled in this course will participate in the systematic study of human group behavior and the actions of the individuals who make up those groups. Emphasis will be placed on the following topics: (1) Sociologist perspective, (2) Culture, (3) Socialization, (4) Social Structure, (5) Society, (6) Groups in society, (7) Deviance & social control, (8) Social stratification, and (9) Inequalities of race & ethnicity.		

US HISTORY		SOC11
GRADE LEVEL: 11	CREDIT: 1	COURSE LENGTH: Year
PREREQUISITE: None		
The course is a survey of American History from the period of industrialization during the late 1800's to the present day. Historical information is presented in the "History Alive" curriculum which includes many student-centered activities that put students in historical situations. A major focus of the class is an effort to improve students' understanding of issues and the ability to think and reason critically.		

AP US HISTORY		SOC11A
GRADE LEVEL: 10, 11	CREDIT: 1 (Weighted)	COURSE LENGTH: Year
PREREQUISITE: None		
The course is a survey of American History. Historical information is examined by means of an inquiry approach using the curriculum designated by Advanced Placement. Students may be granted college credit depending on the score they receive on the AP exam given in the spring and the policy of the university in which they enroll. Students will work on research projects, in class discussions & debate, essay writing and primary document analysis.		

GOVERNMENT		SOC12G
GRADE LEVEL: 12	CREDIT: 0.5	COURSE LENGTH: Semester
PREREQUISITE: None		
In this course students investigate, evaluate, and employ the processes by which individuals participate in and influence government. Students also study the structure and function of the United States federal government and the government of the state of Illinois.		

AP GOVERNMENT		SOC12A
GRADE LEVEL: 12	CREDIT: 0.5 (Weighted)	COURSE LENGTH: Semester
PREREQUISITE: None		
The course is designed to give students an analytical perspective on government and politics in the United States. The course includes both the study of general concepts used to interpret U.S. politics and the analysis of specific examples. The curriculum used is designated by Advanced Placement. Students may be granted college credit depending on the score they receive on the AP exam given in the spring and the policy of the university in which they enroll.		

ECONOMICS		SOC12E
GRADE LEVEL: 11, 12	CREDIT: 0.5	COURSE LENGTH: Semester
PREREQUISITE: None		
This course will prepare students to master fundamental economic concepts, applying the tools (graphs, statistics, equations) from other subject areas to the understanding of operations and institutions of economic systems. Students will study the basic economic principles of micro and macroeconomics, international economics, comparative economics systems and will use current measurements and methods to analyze economic trends. The course will study the law of supply and demand, forms of business, labor unions, government finances and influence on the economy, money and prices, inflation and business cycles.		

Health, PE, Driver Ed Course Offerings

Students need 0.5 credit of Health and 3 credits of Physical Education. In order to take Driver Education, students must be 15 by the start of the course and have passed 8 courses in the two semesters prior to the start of the course.

Health, PE, Driver Ed Course Sequence

Grade 9	Grade 10	Grade 11	Grade 12
HEALTH, DRIVER EDUCATION, PHYSICAL EDUCATION • ***PE credits can be waived with an athletic, academic, or medical PE waiver. Staff authorization needed to qualify.***			
Health [S]	Health [S]	Health [S]	Health [S]
Driver Education [S]	Driver Education [S]	Driver Education [S]	Driver Education [S]
PE [S]	PE [S]	PE [S]	PE [S]

Health, PE, Driver Ed Course Descriptions

HEALTH		HEALTH
GRADE LEVEL: 9, 10, 11, 12	CREDIT: 0.5	COURSE LENGTH: Semester
PREREQUISITE: None		
This course is provided in a blended learning format via our Edgenuity program. Students are enrolled in the online course and make progress each day. Units in mental health, stress and coping skills, alcohol, drug and tobacco use and abuse, human reproduction, human growth and development, relationships, diet and nutrition, fitness, personal habits, consumer health, human ecology and health, prevention and control of diseases. The course also implements guest speakers, discussions, etc. regarding these health topics.		

DRIVER EDUCATION		DESEM1, DESEM2
GRADE LEVEL: 9, 10, 11, 12	CREDIT: 0.5	COURSE LENGTH: Semester
PREREQUISITE: A student must have passed 8 classes in the previous 2 semesters to be eligible to take Driver Education, must be 15 by the start of the course.		
The Driver Education program is designed to provide students with basic driving skills for the safe and efficient operation of a motor vehicle. The program consists of two phases: Classroom Instruction (30 Hours) and Behind the Wheel Instruction (6 Hours). The units of instruction include: Rules of the Road, Basic Car Control, Vehicle Maintenance, Distracted Driving, Insurance, Alcohol Physiology and Legislation,		

Sharing the Road with Other Users. Students need to complete 12-15 drives and complete several assessments in order to pass the class and be eligible to earn their license. Due to attendance requirements, this class cannot be added after the 5th day of class. Upon the 8th absence from Driver Education a student will be dropped from the course and assigned to a study hall for the remainder of the semester. The student's permit will also be canceled. Behind the Wheel driving will be scheduled during the school day, before and after school, and on Saturdays to meet driving requirements. All student fee accounts must be paid up before students are submitted to the Secretary of State office and the Illinois State Board of Education.

PHYSICAL EDUCATION		PESEM1, PESEM2
GRADE LEVEL: 9, 10, 11, 12	CREDIT: 0.5	COURSE LENGTH: Semester
PREREQUISITE: None		

Physical Education is a required course for all students at Sterling High School. Student must pass three credit hours or six semesters of Physical Education. The coeducational program has an emphasis on lifelong physical activity and wellness with a major emphasis on personal physical fitness. Students will be exposed to various types of cardiovascular activities in a variety of settings. This will include use of technology (heart rate monitors, polar tri-fit and fitness machines). Students will also be exposed to strength building strategies, where they will learn methods of increasing personal strength either in a weight room, using body weight, and other alternatives to weight machines. The course will also allow an opportunity for the students to participate in a full range of activities including, but not limited to, individual and dual sports, team sports, field sports and rhythms. The final aspect of the Physical Education course will be a classroom component that will teach the students about various fitness concepts and skills that will promote lifelong fitness, while also reinforcing all the other aspects of the Physical Education program. This course is designed to facilitate the acquisition of new knowledge and skills, create interest and appreciation of movement and fitness and the opportunity to discover the joy and needs of physical activity and fitness, all leading to the mental, physical, social and emotional well-being of the individual. Students take a semester course of Physical Education for each 1⁄2 credit. During this time they rotate through cardio and/or strength type activities and activity days. Students are evaluated on daily participation, appropriate uniform, knowledge and skill. Since Physical Education is a participation-based class, all absences will affect their grades and students must make up missed days to earn back points. Uniforms include a PE shirt, shorts and tennis shoes. These official uniforms are available through the parent center at Sterling High School.

Elective Course Offerings

Students are required to earn 10.5 credits of various Electives to graduate. Requirements for Elective credits are as follows: Health, 3 credits of PE, 1 credit of Business, Technology, Art, WACC, or World Language. Elective credits are a mix of year-long and semester-long courses.

Elective Course Sequence

Grade 9	Grade 10	Grade 11	Grade 12
COMPUTER SCIENCE			
Intro to Computer Science [S]	Intro to Computer Science [S]	Intro to Computer Science [S]	Intro to Computer Science [S]
CP IOS [S]	CP IOS [S]	CP IOS [S]	CP IOS [S]
CP IOS 2 [S]	CP IOS 2 [S]	CP IOS 2 [S]	CP IOS 2 [S]
	AP Computer Science [Y]	AP Computer Science [Y]	AP Computer Science [Y]
FAMILY AND CONSUMER SCIENCE • ***Whiteside Area Career Center (WACC) courses are highlighted in green. Sauk Valley Community College (SAUK) courses are highlighted in blue.***			
Foods 1 [S]	Foods 1 [S]	Foods 1 [S]	Foods 1 [S]
	Foods 2 [S]	Foods 2 [S]	Foods 2 [S]
	Nutrition [S]	Nutrition [S]	Nutrition [S]
		Commercial Foods 1 & 2 (WACC) [Y]	Commercial Foods 1 & 2 (WACC) [Y]
		Intro to Education [Y]	Intro to Education [Y]
		Diversity in Education (SAUK) [S]	Diversity in Education (SAUK) [S]
		Early Childhood Education 2 (SAUK) [Y]	Early Childhood Education 2 (SAUK) [Y]
			Adulting 101 [S]
			AP Psychology [Y]
		CEO (WACC) [Y]	CEO (WACC) [Y]
		CNA (SAUK) [Y]	CNA (SAUK) [Y]

		Criminal Justice (SAUK) [Y]	Criminal Justice (SAUK) [Y]
WORLD LANGUAGE			
Spanish 1 [Y]	Spanish 1 [Y]	Spanish 1 [Y]	Spanish 2 [Y]
	Spanish 2 [Y]	Spanish 2 [Y]	Spanish 3 [Y]
		Spanish 3 [Y]	Spanish 4 [Y]
COMMUNICATION ARTS			
Film and Literature [S]	Film and Literature [S]	Film and Literature [S]	Film and Literature [S]
Literature of a Genre [S]	Literature of a Genre [S]	Literature of a Genre [S]	Literature of a Genre [S]
	Publications [Y]	Publications [Y]	Publications [Y]
	Speech [S]	Speech [S]	Speech [S]
	Creative Writing 1 [S]	Creative Writing 1 [S]	Creative Writing 1 [S]
	Creative Writing 2 [S]	Creative Writing 2 [S]	Creative Writing 2 [S]
MUSIC			
Music Appreciation [S]	Music Appreciation [S]	Music Appreciation [S]	Music Appreciation [S]
Band [Y]	Band [Y]	Band [Y]	Band [Y]
Orchestra [Y]	Orchestra [Y]	Orchestra [Y]	Orchestra [Y]
JV Choir [Y]	JV Choir [Y]	Varsity Choir [Y]	Varsity Choir [Y]
		AP Music Theory [Y]	AP Music Theory [Y]
ART			
2D Art 1 [S]	2D Art 1 [S]	2D Art 1 [S]	2D Art 1 [S]
2D Art 2 [S]	2D Art 2 [S]	2D Art 2 [S]	2D Art 2 [S]
3D Art 1 [S]	2D Art 3 [S]	2D Art 3 [S]	2D Art 3 [S]
3D Art 2 [S]	3D Art 1 [S]	2D Art Independent Study [S]	2D Art Independent Study [S]
Graphic Design 1 [S]	3D Art 2 [S]	3D Art 1 [S]	3D Art 1 [S]
Graphic Design 2 [S]	AP Studio Art	3D Art 2 [S]	3D Art 2 [S]
Multimedia Design 1 [S]	Graphic Design 1 [S]	3D Art Independent Study [S]	3D Art Independent Study [S]
Multimedia Design 2 [S]	Graphic Design 2 [S]	AP Studio Art	AP Studio Art

Digital Drawing [S]	Multimedia Design 1 [S]	Graphic Design 1 [S]	Graphic Design 1 [S]
Digital Photography [S]	Multimedia Design 2 [S]	Graphic Design 2 [S]	Graphic Design 2 [S]
	Digital Drawing [S]	Multimedia Design 1 [S]	Multimedia Design 1 [S]
	Digital Photography [S]	Multimedia Design 2 [S]	Multimedia Design 2 [S]
		Digital Drawing [S]	Digital Drawing [S]
		Digital Photography [S]	Digital Photography [S]
AGRICULTURE • ***Horticulture, Animal Science, and Crop Science are agriculture courses that count as a science credit rather than an elective credit. You will find those courses listed in the Science Course Offerings section as well.***			
Intro to Ag [Y]	Intro to Ag [Y]	Crop Science [Y] (Science Credit)	Crop Science [Y] (Science Credit)
Horticulture 1 [Y] (Science Credit)	Crop Science [Y] (Science Credit)	Horticulture 1 [Y] (Science Credit)	Horticulture 1 [Y] (Science Credit)
Basic Ag Mech [Y]	Horticulture 1 [Y] (Science Credit)	Horticulture 2 [Y]	Horticulture 2 [Y]
	Horticulture 2 [Y]	Basic Ag Mech [Y]	Basic Ag Mech [Y]
	Basic Ag Mech [Y]	Ag Mech 2 [Y]	Ag Mech 2 [Y]
	Ag Mech 2 [Y]	Ag Mech Woodworking [Y]	Ag Mech Woodworking [Y]
	Animal Science 1 [Y] (Science Credit)	Animal Science 1 [Y] (Science Credit)	Animal Science 1 [Y] (Science Credit)
	Ag Leadership [Y]	Animal Science 2 [Y]	Animal Science 2 [Y]
		Ag Leadership [Y]	Ag Leadership [Y]
		SAE Internship [Y]	SAE Internship [Y]
TECHNICAL CERTIFICATION PROGRAMS • ***Whiteside Area Career Center (WACC) courses are highlighted in green. Sauk Valley Community College (SAUK) courses are highlighted in blue.***			
		Welding (SAUK) [Y]	Welding (SAUK) [Y]
		Multicraft Technology (SAUK) [Y]	Multicraft Technology (SAUK) [Y]
		Automotive Tech 1 & 2 (WACC) [Y]	Automotive Tech 1 & 2 (WACC) [Y]
		Building & Construction Trades 1 & 2 (WACC) [Y]	Building & Construction Trades 1 & 2 (WACC) [Y]
SERVICE LEARNING, WORK TRAINING, INTERNSHIP			

	Service Learning [S]	Service Learning [S]	Service Learning [S]
		Work Training [S]	Work Training [S]
		Internship [S]	Internship [S]
INTERVENTION, STUDY HALL, OPEN HOURS, CBL CREDIT RECOVERY • ***Staff recommendation needed for placement in College Readiness English or Math.*** • ***Study Halls and Open Hours do NOT earn credit.***			
College Readiness English [Y]	College Readiness English [Y]	College Readiness English [Y]	
College Readiness Math [Y]	College Readiness Math [Y]	College Readiness Math [Y]	
Study Hall [S]	Study Hall [S]	Study Hall [S]	Study Hall [S]
	Open Hour [S]	Open Hour [S]	Open Hour [S]
CBL [S]	CBL [S]	CBL [S]	CBL [S]
[Y] - Year-Long Course *[S] - Semester-Long Course*			

Elective Course Descriptions

COMPUTER SCIENCE		
INTRODUCTION TO COMPUTER SCIENCE		CSICS
GRADE LEVEL: 9, 10, 11, 12	CREDIT: 0.5	COURSE LENGTH: Semester
PREREQUISITE: None		
This serves as an introductory level course for students who would like to explore the area of computer programming. No prior experience in computer science is needed. The class will introduce programming thought processes using a graphical user interface that will allow the students to build Android apps using MIT App Inventor 2. The students will create simple games and productivity apps that can be installed on any Android phone or tablet. As students gain confidence in programming techniques, the content will shift to learning the Python programming language.		

CP IOS 1		CSIOS1
GRADE LEVEL: 9, 10, 11, 12	CREDIT: 0.5	COURSE LENGTH: Semester
PREREQUISITE: None		

Learn how to create iPhone apps using Swift. This course will cover the fundamentals of the Swift language using Xcode. Students will create several apps that incorporate introductory code structure. This course is open to students who have had prior coding experience as well as those who are new to writing computer code. Some students may find it helpful to take Intro. to CS Course before attempting this class.

CP IOS 2		CSIOS2
GRADE LEVEL: 9, 10, 11, 12	CREDIT: 0.5	COURSE LENGTH: Semester
PREREQUISITE: CP IOS 1		
This semester-long course is a continuation of the CP iOS 1 first semester class. The class will continue to build upon the foundations that were learned during the first semester. Students will create and install apps on iOS mobile devices. The last month of the class will give the students an opportunity to create their own original app as a final project. Students must take the first semester portion of this class before taking the second semester portion.		

AP COMPUTER SCIENCE PRINCIPLES		CSAPCS
GRADE LEVEL: 10, 11, 12	CREDIT: 1 (Weighted)	COURSE LENGTH: Year
PREREQUISITE: Introduction to Computer Science		
This course is provided in a blended learning format via our Edgenuity program. Students are enrolled in the online course and make progress each day. Units in mental health, stress and coping skills, alcohol, drug and tobacco use and abuse, human reproduction, human growth and development, relationships, diet and nutrition, fitness, personal habits, consumer health, human ecology and health, prevention and control of diseases. The course also implements guest speakers, discussions, etc. regarding these health topics.		

FAMILY AND CONSUMER SCIENCE

- ***Whiteside Area Career Center (WACC) courses are highlighted in green. Sauk Valley Community College (SAUK) courses are highlighted in blue.***

FOODS 1		FOOD1
GRADE LEVEL: 9, 10, 11, 12	CREDIT: 0.5	COURSE LENGTH: Semester
PREREQUISITE: None		
This class allows students to develop the skills necessary to prepare nutritious meals and snacks. Experience in the food's lab will help students learn proper cooking techniques and meal management while working in a group setting. Students will leave Foods I with a cookbook of all of the recipes they prepared in class.		

FOODS 2	FOOD2

GRADE LEVEL: 10, 11, 12	CREDIT: 0.5	COURSE LENGTH: Semester
PREREQUISITE: Foods 1		
Foods and Nutrition 2 will expand on the concepts learned in Foods I. Students will develop their own individual recipe book during the semester. Students have the ability to pick several recipes to prepare during the semester using Internet recipe websites. The students will research, plan, and prepare meals for a variety of situations. This course will include a study of American, Regional and International Foods.		

NUTRITION		FOODN
GRADE LEVEL: 10, 11, 12	CREDIT: 0.5	COURSE LENGTH: Semester
PREREQUISITE: Foods 1		
The nutrition-based cooking class will allow students to expand on the concepts learned in Foods I/II. This class will allow students to develop a deeper understanding of how to live a healthier lifestyle, using a hands-on approach. Students will research the six essential nutrients, sports nutrition, genetically modified food, food allergies and the various health benefits of different types of eating plans (plant-based, vegan, vegetarian, raw, low-carb, etc.).		

CULINARY ARTS - COMMERCIAL FOODS 1 & 2		VOCF1, VOCF2
GRADE LEVEL: 11, 12	CREDIT: 2	COURSE LENGTH: Year (2 class periods per semester)
PREREQUISITE: On Track to Graduate		
This course is taken through the Whiteside Area Career Center. It 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. Food Service Sanitation Management Certification will be given to second year students. 4 Dual Credits with Kishwaukee College: Intro to Hospitality HOS 103 (3 credits); Safeserve Manager Cert. HOS 113 (1 credit); 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.		

INTRODUCTION TO EDUCATION		ECE1
GRADE LEVEL: 11, 12	CREDIT: 1	COURSE LENGTH: Year
PREREQUISITE: None		

One- or two-year program offered to junior and senior students. The course includes a study of growth and development; early childhood learning theories; types of early childhood programs; teaching methods and procedures; the role of the child care professional; and working with young children with special needs. This program provides preparation and a practicum for students interested in a variety of educational fields, such as preschool teachers, teacher's aides, elementary teachers, speech pathology teachers, and social workers. First year students will work with a cooperating teacher at a work-based learning site for three days a week during second semester. This work-based learning site could be a daycare center, preschool program, elementary school, or a location specific to a students' career interest. (i.e. special education, speech teacher, social worker). Prerequisites for second semester practicum placement include earning a 70% or better during the first semester, 90% attendance, and no behavior-related disciplinary referrals. Gateways to Opportunity Level 1 Credential for first year students; 3 Articulated Credits with SVCC: ECE 114 or ECE 115 offered alternatively over two years.

Recommended Student Criteria: Students enrolled in Early Childhood Education will be required to work with young children ages birth through elementary school. Students should be able to sit on the floor with the infants and 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.

DIVERSITY IN EDUCATION		SVDE
GRADE LEVEL: 11, 12	CREDIT: 1	COURSE LENGTH: Fall Semester only (1 class period)
PREREQUISITE: No placement is required for this course		
This is an online course through Sauk Valley Community College and can be taken for dual-credit and pathway endorsement. It is offered yearly during the fall semester. This course is designed to introduce pre-service teachers to the basic principles and foundations of educating for diversity. The course will explore schooling in and for global society. Emphasis will be on material evaluation and selection, curricular design, and the relationship between diversity, classroom procedure, and educational policy.		

EARLY CHILDHOOD EDUCATION		SVECE2, SVECE3
GRADE LEVEL: 12	CREDIT: 2 PER SEMESTER	COURSE LENGTH: Year (2 class periods per semester)
PREREQUISITE: Introduction to Education		
This course is taken through Sauk Valley Community College. This survey course provides an overview of early childhood care and education including historical and cultural perspectives, organization, structure, programming, and evidence-based practices. Professional and evidence-based practices of highly qualified early childhood educators are outlined with an emphasis on their ability to enhance development and learning of each and every child between the ages of birth and eight. Considerations for diversity of culture,		

language, race, socio-economic status, gender, ethnicity, and ability will be included. Students will spend a minimum of 15 hours of observation in diverse early childhood settings. See Sauk Valley Community College website for additional information. [ECE 114, 115]

AP PSYCHOLOGY		SOCAPP
GRADE LEVEL: 11, 12	CREDIT: 1 (Weighted)	COURSE LENGTH: Year
PREREQUISITE: None		
This is a college-level course providing students an overview of the development of human behaviors and thoughts. Along with preparation for the AP Psychology exam, the goals of this course are to immerse students in modern psychological investigation techniques, to accentuate the ethics and morality of human and animal research, and to emphasize scientific critical thinking skills in application to the social sciences. Activities: Will follow the recommendation of the Advanced Placement curriculum.		

ADULTING 101		SOCADU
GRADE LEVEL: 12	CREDIT: 0.5	COURSE LENGTH: Semester
PREREQUISITE: None		
The course is designed to help students become more comfortable with post-high school responsibilities both in the work force and in managing a household. The course will be divided into four units: personal finance (banking, loans, credit cards, insurance, investments, taxes, budgeting), employability skills (job applications, resumes, interview skills, soft skills, email and phone etiquette, understanding a W-4), home / vehicle ownership (renting versus buying, mortgages, insurance, taxes and escrow, home repairs), and household management (grocery shopping, laundry, auto maintenance, appliances, utilities, etc.).		

CREATING ENTREPRENEURIAL OPPORTUNITIES (CEO)		VOCEO
GRADE LEVEL: 11, 12	CREDIT: 2	COURSE LENGTH: Year (2 class periods per semester)
PREREQUISITE: 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; On Track to Graduate		
This course is taken through the Whiteside Area Career Center. One-year course offered to juniors and seniors. It covers a wide range of business topics, such as innovative thinking strategies, product development, competitive advantages, business structure, marketing, financial strategies, record keeping, financial statements, business plan writing. Entrepreneurial thinking (out-of-the box problem solving) is utilized throughout the course. 21st Century Workforce Skills, creative and critical thinking, collaboration, and communication are emphasized throughout the year. Students experience networking and business development firsthand. This course will take place in area businesses, and includes approximately 45 tours of local industry and 50 guest speakers from all areas of business. 3 Dual Credits with SVCC: BUS 260 Entrepreneurship Principles		

CERTIFIED NURSING ASSISTANT(CNA)		SVCNA1, SVNRS2
GRADE LEVEL: 11, 12	CREDIT: 2 PER SEMESTER	COURSE LENGTH: Year (3 class periods per semester)
PREREQUISITE: On Track to Graduate		
This course is taken through Sauk Valley Community College. An introduction of theory and practice necessary to meet the patient's needs within the scope of the beginning nursing assistant. Topics will include basic information about body structure and function and related terminology, growth and development with emphasis on aging and the role and responsibilities of the nursing assistant to help the client with personal hygiene and mobility within a safe environment. The course includes clinical experience in a subacute health care setting. The student will provide care to individuals who need assistance with the activities of daily living. This course will focus on advanced nursing assistant skills. Topics will include the role and responsibilities of the nursing assistant in relation to measuring vital signs, assisting the patient with nutrition, fluid balance and elimination; special procedures, such as the application of heat and cold therapies, admission, discharge and postmortem care. Students will care for patients with common medical surgical conditions, Alzheimer's disease and related dementias. This course includes clinical experience in a subacute health care setting. See Sauk Valley Community College website for additional information. [NRS 101, 103]		

CRIMINAL JUSTICE		SVCJ1, SVCJ2, SVCJ3, SVCJ4
GRADE LEVEL: 11, 12	CREDIT: 2 PER SEMESTER	COURSE LENGTH: Year (2 class periods per semester)
PREREQUISITE: Placement Test at Sauk (5 or higher on the Accuplacer); On Track to Graduate		
This course is taken through Sauk Valley Community College. The course examines the history, development and philosophy of the American criminal justice system. It includes discussions of the types of agencies involved in the administration of criminal justice and policies and procedures followed by those agencies, using a general career-oriented approach. Specific lectures include those topics such as criminal law, criminal offenses and offenders, and agencies responsible for the prevention and control of crime. See Sauk Valley Community College website for additional information. [1-INTRO TO CRIMINAL JUSTICE / 2-CRIMINAL EVIDENCE, 3-JUVENILE DELINQUENCY / 4-CRIMINAL LAW]		

WORLD LANGUAGE		
SPANISH 1		WLSP1
GRADE LEVEL: 9, 10, 11	CREDIT: 1	COURSE LENGTH: Year
PREREQUISITE: None		
Development of proficiency in the basic skills, reading, writing, speaking, and understanding Spanish. Pronunciation is stressed. An introduction of cultural and geographical aspects of various Spanish-speaking countries is achieved through readings, films, and presentations.		

SPANISH 2		WLSP2
GRADE LEVEL: 10, 11, 12	CREDIT: 1	COURSE LENGTH: Year
PREREQUISITE: Passing Spanish 1 with a C or higher each semester		
Continued emphasis on proficiency of communication skills. Discussion continues on topics of cultural relevance to the Spanish-speaking countries.		

SPANISH 3		WLSP3
GRADE LEVEL: 11, 12	CREDIT: 1	COURSE LENGTH: Year
PREREQUISITE: Passing Spanish 2 with a C or higher each semester		
Emphasis on proficiency in reading, writing, speaking and listening. Students will revisit topics including celebrations, daily life, travel, art, and current events--- but they will learn additional vocabulary and participate at a more advanced level through projects, discussion, and individual writings. Students at this level should be willing to work on memorizing/practicing outside of class so that class time may be spent on application and advancement of communication skills. Students will use authentic resources as much as possible.		

SPANISH 4		WLSP4
GRADE LEVEL: 12	CREDIT: 1	COURSE LENGTH: Year
PREREQUISITE: Passing Spanish 3 with a C or higher each semester		
Continued emphasis on proficiency in reading, writing, listening, and speaking. Also, a continued emphasis on application of the Spanish language is used. Students will also be reading Latin American legends and a novel. The use of authentic resources is emphasized.		

COMMUNICATION ARTS		
FILM AND LITERATURE		ENGFL
GRADE LEVEL: 9, 10, 11, 12	CREDIT: 0.5	COURSE LENGTH: Semester
PREREQUISITE: None		
The Film & Literature elective course helps students understand the critical historical and stylistic elements of cinema by approaching film as a text that deserves the same close reading and analysis given to literature. Students examine the visual interpretation of literary techniques and auditory language in film and the limitations or special capacities of film versus text to present a literary work. Students analyze how films portray the human condition and the roles of men and women and the various ethnic or cultural minorities in the past and present. Students watch films actively and critically, analyze film as a cultural phenomenon, question their own role as a spectator, and evaluate film as artistic expression, historical document, and		

ideological expression. Course content may include analysis, discussion, and evaluation of multiple film styles including, but not limited to, documentary, short film, drama, horror, and comedy. Students engage in reading (i.e., film theory, film criticism, works of literature that film is based on) and writing (i.e., scene analysis, personal responses, critical essays, research, screenplays).

PUBLICATIONS		ENGPUB
GRADE LEVEL: 10, 11, 12	CREDIT: 1	COURSE LENGTH: Year
PREREQUISITE: English 1		

This course will focus on the communication and technical skills required to publish the school newspaper and yearbook. The fundamentals of writing news articles, editorials, and feature stories will be taught. Information gathering tools covered will include interviewing and searching both paper and electronic files. Students will also learn basic photography and software for both the newspaper and yearbook publishing web sites. Students will plan and design the content of the school newspaper and yearbook, develop that content, refine it, and publish it. That process will require working in small groups, researching topics, writing and editing stories, photographing subjects, and laying out all the components of each publication.

LITERATURE OF A GENRE - FANTASY		ENGLGF
GRADE LEVEL: 9, 10, 11, 12	CREDIT: 0.5	COURSE LENGTH: Semester
PREREQUISITE: None		

Students will participate in reading and viewing literature of a specific genre to explore literary techniques and devices used by contributing authors. Students will analyze different literary concepts, such as theme, conflict, character development, etc., to examine the author's technique and the overall impact of this genre in the world. The class will require students to complete close readings of mentor texts and reflect on their exploration of these texts both in written and discussion format. Methods of instruction will include teacher-led presentation of information, discussion, student-led presentation and discussion, research various topics within the genre, analytical writing of past and current topics, and a final exam.

This course engages students in the study of the fantasy genre, exploring how authors craft mythical landscapes, creatures, and adventures as an extension of the human experience. Students will engage with a diverse selection of fantasy literature, spanning classic masterpieces to contemporary works. Students will analyze the following topics: character quests/journeys, world-building, magic and fantastical creatures, power dynamics and power structure, themes (good vs. evil, diversity, etc.), adaptations in multimedia, and more. Students will develop their reading skills through extensive reading, discussions, written analysis, etc. Students should expect to read four novels during this class, three selected by the teacher and one independent reading book.

SPEECH		ENGSP
GRADE LEVEL: 10, 11, 12	CREDIT: 0.5	COURSE LENGTH: Semester

PREREQUISITE: English 1
Oral communication is an essential tool for success in our society. This course provides the student with knowledge of the basic elements of speech giving and takes the student through preparation and delivery of speeches. The speeches themselves vary in subject and time length. By the end of the semester, the student has mastered the elements of speech giving which would include eye contact, voice inflection, body use and structure. Each student delivers up to 12 speeches a semester of varying time and subject.

CREATIVE WRITING 1		ENGCW
GRADE LEVEL: 10, 11, 12	CREDIT: 0.5	COURSE LENGTH: Semester
PREREQUISITE: English 1		
Creative Writing is designed to introduce students to narrative writing and to help them develop an appreciation for how style and content contribute to the power, persuasiveness, or beauty of a text. Students will participate in daily writing and reading in a collaborative environment that fosters student voice.		

CREATIVE WRITING 2		ENGCW2
GRADE LEVEL: 10, 11, 12	CREDIT: 0.5	COURSE LENGTH: Semester
PREREQUISITE: Creative Writing 1		
Creative Writing 2 is designed to allow students to choose a singular writing project such as a novel, memoir, or poetry collection to create and develop over the course of the semester. Throughout the process, students will participate in a variety of collaborative workshops to learn how to brainstorm ideas for their individual projects, organize their writing, cope with writer's block, develop sophisticated plot lines, provide feedback to their fellow students, and revise their own work. They will create a mock-up of their project's cover to see the process through in its entirety. In addition, they will learn how to market themselves and their manuscripts through creating professional online portfolios, writing query letters to potential publishers, and solidifying their resumes.		

MUSIC		
MUSIC APPRECIATION		MUSMA
GRADE LEVEL: 9, 10, 11, 12	CREDIT: 0.5	COURSE LENGTH: Semester
PREREQUISITE: None		
Students will be introduced to all periods of music history and how these reflect societal change occurring during these times. Students will explore various genres of music, analyzing artistic choice and expression as it pertains to the musician, genre, and sociocultural time.		

BAND	MUSBAN

GRADE LEVEL: 9, 10, 11, 12	CREDIT: 1	COURSE LENGTH: Year
PREREQUISITE: Demonstration of basic skills on a woodwind or brass instrument		
Students will be placed within the ensemble according to ability. Students will explore advanced band literature covering a variety of musical periods, composers, and styles. Band activities include but are not limited to performances in concerts, festivals, parades, football game half-time shows, pep band, sectional work, individual/group lessons, and IHSA contests. Students must attend required performances. Occasionally there may be after school activities, for which a student might want to audition. Students are required to perform with the Marching Band in the Fall semester, and Pep Band in the Spring semester. Marching Band may have an evening rehearsal before each home football game.		

ORCHESTRA		MUSORC
GRADE LEVEL: 9, 10, 11, 12	CREDIT: 1	COURSE LENGTH: Year
PREREQUISITE: Demonstration of basic skills on a stringed instrument, i.e., violin, viola, cello, string bass and harp		
Students will explore the fundamentals of ensemble playing with culmination into performance of light classical, classics, concerti, musicals and other music for string orchestra and symphonic orchestra. Emphasis is placed on technique and expression and how they are combined to create a work of art. Students will play in large and small ensembles, performing in four or more concerts per year and at times in the community.		

JV CHOIR		MUSJVC
GRADE LEVEL: 9, 10	CREDIT: 1	COURSE LENGTH: Year
PREREQUISITE: None		
This choir is offered to any student with an interest in choral music. Repertoire will cover a variety of styles and time periods. Students are required to perform in four concerts per year, select festival participation, and in the community as needed.		

VARSITY CHOIR		MUSVC
GRADE LEVEL: 11, 12	CREDIT: 1	COURSE LENGTH: Year
PREREQUISITE: Superior vocal ability and musicianship as determined through audition.		
Advanced choral literature covering all musical periods and varied composers. Students are required to perform in four concerts per year, select festival participation, and in the community as needed.		

AP MUSIC THEORY		MUSMT
GRADE LEVEL: 11, 12	CREDIT: 1 (Weighted)	COURSE LENGTH: Year

PREREQUISITE: None
AP Music Theory will develop a student's ability to recognize, understand, describe, and perform the basic materials and processes of music that are heard or presented in a score. The curriculum is the equivalent to one year's worth of college Music Theory. The course is designed for students who may wish to pursue music as a college major or minor, or for students who wish to study it for enrichment and enhancement of performance ability and understanding. Students will engage in intensive study of all aspects of music theory including fundamental notation, compositional skills, analysis, aural skills (ear training, dictation, and sight singing) in accordance with the guidelines established by the College Board. It is recommended that students taking this course have some experience in music performance and music reading.

ART		
2D ART 1 - FUNDAMENTALS		ART2D1
GRADE LEVEL: 9, 10, 11, 12	CREDIT: 0.5	COURSE LENGTH: Semester
PREREQUISITE: None		
An introductory course in 2D art focusing on the use of the Elements of Art. Focus on the Elements of Art and the acquisition of skills in drawing and painting in a variety of art media, as well as an introduction to art history, aesthetics, and art criticism. Students will use various drawing and painting media and processes to produce a variety of original artwork, view, evaluate and discuss a variety of historical artworks, and begin to document their own artwork using digital media.		

2D ART 2 - DESIGN PRINCIPLES		ART2D2
GRADE LEVEL: 9, 10, 11, 12	CREDIT: 0.5	COURSE LENGTH: Semester
PREREQUISITE: 2D ART 1		
An intermediate course in 2D art focusing on the use of the Principles of Design. Focus on Composition in observational and expressive Drawing and Painting, as well as skill acquisition in new media, art history and art criticism. Emphasis is placed on how to deal with creative thought processes and the formulation of new ideas. Students will use various drawing media and processes to produce a variety of original artwork. They will view, evaluate and discuss a variety of historical artworks, and continue to document their own artwork using digital media.		

2D ART 3 - ADVANCED CONCEPTS		ART2D3
GRADE LEVEL: 10, 11, 12	CREDIT: 0.5	COURSE LENGTH: Semester
PREREQUISITE: 2D ART 2		
An advanced course in focusing on experimentation with various 2D media such as Photography, Painting (acrylics, oils, tempera, gouache), and Printmaking. Focus on the communication of personal, social, and other advanced concepts and portfolio building in preparation for enrollment in AP Studio Art. Students will		

use various media and processes to produce a variety of original artwork using individual experimentation with media, techniques, processes, tools and materials. Students will view, discuss, produce and evaluate various non-objective, still life, landscape, and portrait/figure paintings.

2D ART INDEPENDENT STUDY		ART2DI
GRADE LEVEL: 11, 12	CREDIT: 0.5	COURSE LENGTH: Semester
PREREQUISITE: 2D ART 3, Staff Recommendation		
This course is designed for students who have successfully completed a minimum of 2 semesters of 2D Art and are interested in developing a deeper understanding and use of art media and technique. 2D Advanced Studio is offered only to highly motivated students who have had a variety of successful experiences in 2D Art in addition to other Art courses. It is intended to offer a portfolio development to students who have the intention of pursuing Visual Arts beyond High School or in preparation for AP.		

3D ART 1		ART3D1
GRADE LEVEL: 9, 10, 11, 12	CREDIT: 0.5	COURSE LENGTH: Semester
PREREQUISITE: None		
An introductory course in three dimensional art focusing mainly on design, production, and art history and criticism. Units focus on the creation of both functional and decorative art, in a variety of materials (ceramics, plaster, glass, metal, etc.) Students will use various techniques to produce a variety of functional pottery (ceramics) and fused glass, as well as plaster and other materials to create original sculpture in the round. They will view, evaluate and discuss a variety of historical artworks, and begin to document their own artwork using digital media.		

3D ART 2		ART3D2
GRADE LEVEL: 9, 10, 11, 12	CREDIT: 0.5	COURSE LENGTH: Semester
PREREQUISITE: 3D ART 1		
An advanced course in three dimensional art focusing mainly on using a potter's wheel to produce a variety of vessels, and the further exploration of advanced hand building techniques as well as the use of glass, metal, and other materials. Students will throw on the wheel, create advanced hand built ceramic vessels, and continue the exploration of glass and metal as well as alternative materials. They will view, evaluate and discuss a variety of historical artworks, and begin to document their own artwork using digital media.		

3D ART INDEPENDENT STUDY		ART3DI
GRADE LEVEL: 11, 12	CREDIT: 0.5	COURSE LENGTH: Semester
PREREQUISITE: 3D ART 2, Staff Recommendation		

This course is designed for students who have successfully completed 2 semesters of 3-D Art, as well as at least one other Art course, and are interested in developing a deeper understanding and use of art medias and technique. 3D Advanced Studio is offered to highly motivated students and is intended to offer and portfolio development to students who have the intention of pursuing Visual Arts beyond High School or in preparation for enrollment in AP Studio Art.

AP STUDIO ART		ARTAP2, ARTAP3
GRADE LEVEL: 10, 11, 12	CREDIT: 1 (Weighted)	COURSE LENGTH: Year
PREREQUISITE: ARTS2D - 2D ART 3 and Graphic Design, Multimedia Design, Digital Drawing, or Digital Photography; ARTS3D - 3D ART 2 and and Graphic Design, Multimedia Design, Digital Drawing, or Digital Photography; Staff Recommendation		
The AP Studio Art portfolios are designed for students who are seriously interested in the practical experience of art. AP Studio Art is not based on a written examination; instead, students submit portfolios for evaluation at the end of the school year. It is strongly suggested that students enroll for two years. The AP Program offers three portfolios: Drawing, 2-D Design, and 3-D Design. The portfolios share a basic, three-section structure, which requires the student to show a fundamental competence and range of understanding in visual concerns (and methods). Each of the portfolios asks the student to demonstrate a depth of investigation and process of discovery through the concentration section (Section II). In the breadth section (Section III), the student is asked to demonstrate a serious grounding in visual principles and material techniques. The quality section (Section I) permits the student to select the works that best exhibit a synthesis of form, technique, and content.		

GRAPHIC DESIGN 1		ARTGD1
GRADE LEVEL: 9, 10, 11, 12	CREDIT: 0.5	COURSE LENGTH: Semester
PREREQUISITE: None		
If you are an artist thinking about becoming a Graphic Designer, Fashion Designer, Interior Designer, Web Designer or any other visual designer you should take this course. Careers depending heavily on these skills include Marketing, Sales, Education, Recruitment, Communications, Computer Technology, Travel, and Entertainment. Students taking Graphic Design will be exposed to design considerations used for static images found in print and web design. You will be working with the design concepts of color theory, typography, grids, composition and visual unity, and digital photography concepts. You will be designing logos, brochures, magazine layouts, web pages, media covers and other two dimensional products. The software used includes Adobe's Photoshop, Illustrator, and InDesign.		

GRAPHIC DESIGN 2		ARTGD2
GRADE LEVEL: 9, 10, 11, 12	CREDIT: 0.5	COURSE LENGTH: Semester
PREREQUISITE: Graphic Design 1		

Building on concepts in Graphic Design 1, this course emphasizes applying the fundamental artistic processes of expression and exploration of the purposeful arrangement of images, symbols, and text to communicate a message. Graphic Design 2 furthers the investigation of how technology influences the creation of graphic and digital designs. Students will build on skills learned in Graphic Design 1 to create more complex and dynamic content for a specific agenda; students will also partner with local groups to support digital content requests/needs.

MULTIMEDIA DESIGN 1		ARTMD1
GRADE LEVEL: 9, 10, 11, 12	CREDIT: 0.5	COURSE LENGTH: Semester
PREREQUISITE: None		

This introductory course is designed to teach students who want to create digital media content on various multimedia platforms. Multimedia Design 1 is a media arts based course that will explore the different ways we communicate and entertain through digital content, introducing students to professional software that business and the entertainment industries use to communicate and entertain on a global scale. You will learn to create files using the correct programs so that you can assemble them for print and the web. You will learn to prepare images for assembly programs and move files to different locations on the internet. You will learn how to use video cameras, record sound and shoot clips to be assembled in professional video editing software. You will learn to use mixing boards and video switchers as you work with “green screen.” The software used includes Adobe’s Photoshop, Illustrator, InDesign, and Apple’s Final Cut Pro.

MULTIMEDIA DESIGN 2		ARTMD2
GRADE LEVEL: 9, 10, 11, 12	CREDIT: 0.5	COURSE LENGTH: Semester
PREREQUISITE: Multimedia Design 2		

Building on concepts in Multimedia Design 1, this course emphasizes applying media art concepts in the broadcasting/promotional arena. If you are interested in creating a Youtube Channel, podcast, promotional video for television or commercials, or put together a feature length film, then this is the class that you want to take. Careers depending heavily on these skills include Marketing, Sales, Education, Recruitment, Communications, Computer Technology, Travel, and Entertainment. This course teaches you how to create multimedia content for professional and public service purposes and develop your own digital presence for various purposes. Students will build on skills learned in Multimedia Design 1 to create longer, more dynamic content for a specific agenda; students will also partner with local groups to support digital content requests/needs. The software used includes Adobe’s Photoshop, and Apple’s Final Cut Pro and Sound Track Pro.

DIGITAL DRAWING		ARTDD
GRADE LEVEL: 9, 10, 11, 12	CREDIT: 0.5	COURSE LENGTH: Semester
PREREQUISITE: None		

If you like animation, cartooning, web graphics, motion graphics for film and television then this is the course that you should take. The first half of the course will focus on the fundamentals of painting in Photoshop. Working from observations (photographs, paintings and movie stills) students will learn to create color palettes, how to make brush strokes, understand value and use lighting and rendering to complete a composition or character. Students will learn how to see a three-dimensional space and translate it to a two-dimensional surface through traditional drawing techniques. Instead of traditional drawing media, however, students will use pressure sensitive pens, tablets and software to input what they see into a computer. Working in Adobe Animate, you will learn to create the drawings and story boards, make the object move and interact with the background, prepare music, dialog and sound effects for your story board, and publish to the web. Students will use software geared towards web and animation for television and film such as “South Park” “UP” and Nickelodeon. Adobe Animate is geared towards bit mapped motion graphics for film and television such as opening credits and special effects. The software used includes Adobe’s Photoshop, Illustrator, Animate, Procreate, and After Effects. Digital Drawing may receive dual credit through Sauk Valley Community College.

DIGITAL PHOTOGRAPHY		ARTDP
GRADE LEVEL: 9, 10, 11, 12	CREDIT: 0.5	COURSE LENGTH: Semester
PREREQUISITE: None		

This studio course focuses on using the camera in a controlled studio environment and enhancing photographs in Adobe Photoshop and Lightroom. Careers depending heavily on these skills include Marketing, Sales, Education, Recruitment, Communications, Computer Technology, Travel, and Entertainment. Students taking Digital Photography will become very familiar shooting using professional digital cameras. You will learn the concepts of camera control, lighting and composition for photography. File management, compression, image manipulation, and printing will be included. In-depth work with Photoshop for image manipulation is at the core of this course. The software used includes Adobe’s Photoshop and Lightroom. Digital Photography may receive dual credit through Sauk Valley Community College.

AGRICULTURE

- ***Horticulture, Animal Science, and Crop Science are agriculture courses that count as a science credit rather than an elective credit. You will find those courses also listed in the Science Course Offerings section.***

INTRODUCTION TO AGRICULTURE		AGIA
GRADE LEVEL: 9, 10, 11, 12	CREDIT: 1	COURSE LENGTH: Year
PREREQUISITE: None		

This course provides an opportunity for students to learn how the agricultural industry is organized; its major components; the economic influence of agriculture at state, national and international levels; and the scope and types of job opportunities in the agricultural field. Basic concepts in animal science, plant science, soil science, horticulture, natural resources, agribusiness management, and agricultural mechanics, will be presented. Improving computer and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course

component for leadership development, career exploration and reinforcement of academic concepts. This course can prepare students for Crop Science.

CROP SCIENCE		AGCROP
GRADE LEVEL: 10, 11, 12	CREDIT: 1 (SCIENCE CREDIT)	COURSE LENGTH: Year
PREREQUISITE: Intro to Ag, Horticulture, or Basic Ag Mech		
This course is designed to provide students with the knowledge and skills necessary for future employment in the agronomy or related industries. Major units of instruction include equipment identification and management, soil classifications, soil erosion and management, soil fertility, plant classification, plant anatomy and physiology, plant growth, integrated pest management, grain, oil, forage, and fiber crop production methods, grain quality, grain storage, and grain transportation. Students will gain hands-on experience managing the FFA plot which will include trips to the property throughout the school year. Applied science and math skills and concepts will be stressed throughout the course as they relate to each area. Improving computer and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.		

HORTICULTURE 1		AGHOR1
GRADE LEVEL: 9, 10, 11, 12	CREDIT: 1 (SCIENCE CREDIT)	COURSE LENGTH: Year
PREREQUISITE: None		
This course is designed to introduce students to the horticulture industry and provide them with basic plant science knowledge that can be further developed in advanced horticulture courses. Major units of instruction include horticulture research, horticultural careers, plant anatomy, seed germination, plant propagation, growing media, pest management, hydroponics, identifying horticultural plants, growing greenhouse crops, and floral design. Improving computer and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.		

HORTICULTURE 2		AGHOR2
GRADE LEVEL: 10, 11, 12	CREDIT: 1	COURSE LENGTH: Year
PREREQUISITE: Horticulture 1		
This second level course is designed to expand upon the floral design and landscape design concepts briefly covered in Horticulture 1. The first semester will be focused on floral design with units of study including basic design principles and color harmonies; identification, use and care of the processing of cut flowers and foliage; mechanical aids and containers; personal flowers; holiday designs; and plant identification and care. The second semester will be dedicated to landscape design and management. Units of study will include: identifying landscape plants, designing landscape plans, hardscape construction techniques, and installing		

landscape plants. Also included are nursery production, and maintenance of existing landscapes. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

BASIC AGRICULTURAL MECHANICS		AGBAM
GRADE LEVEL: 9, 10, 11, 12	CREDIT: 1	COURSE LENGTH: Year
PREREQUISITE: None		
In this course, theory and hands-on experiences provide opportunities for students to develop basic knowledge and skills in agricultural mechanics. Instructional areas include the basic fundamentals of maintaining and repairing small gasoline engines, basic electricity, welding, construction, cold metal work, and operating agricultural equipment safely. Improving workplace and computer skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.		

AGRICULTURAL MECHANICS 2		AGMEC2
GRADE LEVEL: 11, 12	CREDIT: 1	COURSE LENGTH: Year
PREREQUISITE: Basic Agricultural Mechanics		
This advanced course focuses on the knowledge, hands-on skills, and workplace skills applicable to construction in the agricultural industry. Major units of instruction include: personal safety, hand tools, power tools, blueprint reading, surveying, construction skills in carpentry, plumbing, electricity, concrete, drywall and painting. Careers such as agricultural engineers, carpenter, plumber, electrician, concrete layers, finishers, safety specialists, and other related occupations will be examined. Improving workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is encouraged for leadership development, career exploration and reinforcement of academic concepts.		

AGRICULTURAL MECHANICS - WOODWORKING		AGMW
GRADE LEVEL: 11, 12	CREDIT: 1	COURSE LENGTH: Year
PREREQUISITE: Basic Agricultural Mechanics		
Woodworking courses introduce students to the various kinds of woods used in industry and offer experience in using selected woodworking tools. Students design and construct one or more projects and may prepare a bill of materials. Correct and safe use of tools and equipment is emphasized. As students advance, they focus on learning the terminology necessary to use power tools successfully, developing skills to safely use these tools in the workshop and becoming familiar with various kinds of wood-finishing materials. Advanced students typically design a project, prepare bills of materials, construct, and finish proposed projects.		

ANIMAL SCIENCE 1		AGAS1
GRADE LEVEL: 10, 11, 12	CREDIT: 1 (SCIENCE CREDIT)	COURSE LENGTH: Year
PREREQUISITE: None		
This course will develop students' understanding of the livestock (beef, dairy, sheep, goats, and swine), poultry, and large (equine) animal industry. Topics of instruction include genetics, animal anatomy and physiology, animal nutrition, animal reproduction, animal health, and meat science. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.		

ANIMAL SCIENCE 2		AGAS2
GRADE LEVEL: 11, 12	CREDIT: 1	COURSE LENGTH: Year
PREREQUISITE: Animal Science 1		
This course is a step up after the animal science class. Students will develop understanding of the small and companion animal industry, animal anatomy and physiology, animal ethics and welfare issues, animal health, veterinary medicine, veterinary office practices, and animal services to humans. Career exploration will focus on veterinarian, veterinary lab technicians, office lab assistant, small animal production, research lab assistant, and animal nutrition lab technician. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.		

AG LEADERSHIP		AGLEAD
GRADE LEVEL: 10, 11, 12	CREDIT: 1	COURSE LENGTH: Year
PREREQUISITE: None		
Students will analyze current agricultural issues, determine how they affect people on all sides of the issue and enhance their written and oral communication skills by presenting their views and opinions to the class through debates, speeches, and interviews in order to be effective leaders in today's society. Students will gain the knowledge and leadership experiences to help them to become successful in life and in the workplace; thus, enhancing their potential for leadership development, personal growth, and career success. Students will also select a leadership book from the list provided and give a book review presentation from a leadership perspective due as the semester final for the fall semester. Students will also watch and complete assignments on leadership movies such as Freedom Writers, The Pursuit of Happyness, Remember the Titans, and Shawshank Redemption. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.		

SAE INDEPENDENT INTERNSHIP		AGSAE
GRADE LEVEL: 11, 12	CREDIT: 1	COURSE LENGTH: Year

PREREQUISITE: Staff Recommendation, Approved SAE Plan
Foundational Supervised Agricultural Experience (SAE) CTE Course This course is designed to establish, improve, and/or expand knowledge and skills in various agricultural careers. Students will increase their awareness of agricultural careers through the following components: Career Exploration and Planning; Employability Skills for College and Career Readiness; Personal Financial Management and Planning; Workplace Safety; and Agricultural Literacy (may be transitioned to Immersion SAE). Participation in FFA student organization activities and exploration of Immersion Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

TECHNICAL CERTIFICATION PROGRAMS

- ***Whiteside Area Career Center (WACC) courses are highlighted in green. Sauk Valley Community College (SAUK) courses are highlighted in blue.***

WELDING		SVWLD1, SVWLD2, SVWLD3, SVWLD4, SVWLD5, SVWLD6
GRADE LEVEL: 11, 12	CREDIT: 2 PER SEMESTER	COURSE LENGTH: Year (3 class periods per semester)
PREREQUISITE: On Track to Graduate		
This course is taken through Sauk Valley Community College course. This course is designed to provide students with a thorough understanding of arc welding fundamentals including: welding safety, MIG welding, blueprint reading, welding symbols, AWS 14.3 welding standard, oxyacetylene cutting, air carbon arc, reclaim welding and cutting. Training to develop the manual skills necessary to make high quality MIG welds is included with emphasis placed in the areas of various joint configurations, single pass, multiple pass, fillet, and groove, overlap welds in flat and horizontal position. Oxyacetylene welding and cutting equipment setup and safety will also be emphasized. This course is designed to provide students with a thorough understanding of the basics of Metal Inert Gas (MIG) arc welding fundamentals, also referred to as Gas Metal Arc Welding (GMAW) and stick welding, also referred to as Shielded Metal Arc Welding (SMAW) including the following topics: welding safety, power sources, and wire feeders, machine set up, adjustment and maintenance, identification of welding defects and quality welds, and welding techniques. Training to develop the manual skills necessary to make high quality MIG and SMAW welds is included with emphasis placed in the areas of various joint configurations, single pass, multiple pass, fillet, groove, overlap welds in a flat position. Oxyacetylene cutting equipment setup and safety will also be emphasized. See Sauk Valley Community College website for additional information. [101 / 102, 103 / 104, 106 / 140]		

MULTICRAFT TECHNOLOGY		SVMT1, SVMT2
GRADE LEVEL: 11, 12	CREDIT: 2 PER SEMESTER	COURSE LENGTH: Year (2 class periods per semester)
PREREQUISITE: On Track to Graduate		

This course is taken through Sauk Valley Community College. This course provides basic electricity fundamentals, basic control strategies and electrical symbols. The class will provide the student with an understanding of basic electrical theory, schematic and wiring diagram symbols, motor theory, wiring and electrical troubleshooting. Conventional current will be used to define current flow. Applied mathematical concepts are incorporated into the course as required for successful understanding of objectives. The course will contain all information needed for a maintenance technician to successfully perform at a high level in their job. The course material will cover mechanical systems focusing on analysis of mechanical components, their relationships to each other, and failure prediction. General rigging will also be covered. See Sauk Valley Community College website for additional information. [ELT 120, IND118]

BUILDING & CONSTRUCTION TRADES 1 & 2		VOBCT1, VOBCT2
GRADE LEVEL: 11, 12	CREDIT: 2	COURSE LENGTH: Year (2 class periods per semester)
PREREQUISITE: On Track to Graduate		
This is a WACC course. One- or two-year program offered to junior and senior students. This course provides experiences related to the construction and maintenance of residential and/or commercial buildings and related fixtures. During the year, students will spend 85% of their time at a job site constructing or remodeling a residential house or commercial building. 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, 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. 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. Students will be working in cold weather and will need to have work boots and appropriate clothing.		

AUTOMOTIVE TECHNOLOGY 1 & 2		VOAUT1, VOAUT2
GRADE LEVEL: 11, 12	CREDIT: 2	COURSE LENGTH: Year (2 class periods per semester)
PREREQUISITE: Students who enroll in Automotive Technology 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 Automotive Technology II must have a valid Illinois Driver's license; On Track to Graduate		
This is a WACC course. 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, and cooling. Second year students will learn differential operation, transmissions and clutches, engine diagnostics, heating and cooling systems, 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. Recommended Student Criteria: Students enrolled in Automotive Technology 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.

SERVICE LEARNING, WORK TRAINING, INTERNSHIP

SERVICE LEARNING		SLS1, SLS2
GRADE LEVEL: 10, 11, 12	CREDIT: 0.5	COURSE LENGTH: Semester
PREREQUISITE: None		

Community based service learning is service without pay to a non-profit organization, individual, or group in need of assistance. The service must be for the benefit of others inside or outside of the school community. Students enrolled in the program will work with their site supervisor on a daily basis. Students will be paired with adults in the school community or with adults in an outside agency. Students can request specific sites; however, the instructor will make the final determination regarding the placement. Students will also need to consider the SHS bell schedule and any issues with transportation. It is strongly encouraged for students involved in the service learning program to have their own transportation. However, transportation is not required for all sites. Students can take up to two semesters of service learning throughout their high school career.

WORK TRAINING		WRKTR1, WRKTR2
GRADE LEVEL: 11, 12	CREDIT: 0.5	COURSE LENGTH: Semester
PREREQUISITE: Must have a job by the start of the course		

The purpose of the Work Training Program at Sterling High School is to provide students with the opportunity to earn school credit while working at an off-site job. In order to enroll in the course, students must already have a job. A minimum of five hours a week is required. The student will provide the instructor with a copy of his/her paycheck and or official schedule to serve as proof of hours completed. In the event that the student loses his/her job during the course of the semester, he/she will need to meet with the instructor daily during the scheduled course time.

INTERNSHIP EXPERIENCE		INTS1, INTS2
GRADE LEVEL: 11, 12	CREDIT: 0.5	COURSE LENGTH: Semester
PREREQUISITE: None		

The purpose of the Internship Program at Sterling High School is to provide students with the opportunity to earn school credit for students wishing to work or observe in a career pathway that interests them. This course is designed to provide students the skills needed to be both college AND career ready. This will provide the students the opportunity to be immersed in real-world learning environments that will assist them

in deciding on a possible career path. Students will work a minimum of 30 hours per semester at their internship site. Goals are typically set cooperatively by the student, teacher, and internship supervisor. Students will be required to provide their own transportation to and from the internship.

INTERVENTION, STUDY HALL, OPEN HOURS, CBL CREDIT RECOVERY

- ***Staff recommendation needed for placement in College Readiness English or Math.***
- ***Study Halls and Open Hours do NOT earn credit.***

COLLEGE READINESS ENGLISH		ENG09C, ENG10C, ENG11C
GRADE LEVEL: 9, 10, 11	CREDIT: 1	COURSE LENGTH: Year
PREREQUISITE: Staff Recommendation		
This course focuses on developing strands of literacy: fluency, vocabulary, comprehension strategies, and sustained silent reading. Instruction will provide explicit modeling of strategies and skills that good readers employ. This course supports students with their work in their core English course. This course is taken as a pass/fail course.		

COLLEGE READINESS MATH		MTH09C, MTH10C, MTH11C
GRADE LEVEL: 9, 10, 11	CREDIT: 1	COURSE LENGTH: Year
PREREQUISITE: Staff Recommendation		
This course focuses on helping students understand the content in their core math class. It strengthens their prerequisite knowledge so they can gain confidence and be more successful. Students will complete notes from class discussions and reflect on their learning in CRM and core math class. They will also have time to complete homework and review for assessments. This course is taken as a pass/fail course.		

STUDY HALL		SHS1, SHS2
GRADE LEVEL: 9, 10, 11, 12	CREDIT: 0	COURSE LENGTH: Semester
PREREQUISITE: None		
This elective does not count for credit. This course provides students a class period to work on their academics under the supervision of a staff member.		

OPEN HOUR		OPENS1, OPENS2
GRADE LEVEL: 10, 11, 12	CREDIT: 0	COURSE LENGTH: Semester
PREREQUISITE: Student is on track for graduation		
Sophomores, juniors, and seniors have the opportunity of scheduling an open hour provided they have earned the privilege by remaining on track for graduation. Students with open hours must be in the library, working with a teacher, or off campus. Sophomores must be enrolled in at least six credit earning courses;		

juniors and seniors must be enrolled in at least five credit earning courses. All shortened schedules are subject to administration, counselor, parent, and student agreement/conference. If at any time during the semester the student fails to continue to meet the aforementioned criteria, he or she may have his or her open hour revoked and be placed into a study hall or computer-based learning course; moreover, students may lose an open hour if they must be put in an 8th hour class due to failing grades. Decisions on granting open hours will be made by administration on an individual basis. No student is guaranteed an open hour. Open hours can occur only at the beginning or end of the school day.

COMPUTER BASED LEARNING - CREDIT RECOVERY		CBLS1, CBLS2
GRADE LEVEL: 9, 10, 11, 12	CREDIT: 0.5	COURSE LENGTH: Semester
PREREQUISITE: Staff Placement		
This is a computer based learning course designed for credit remediation. Staff will work with students to determine which course is needed (a course previously failed that is a graduation requirement). Students work independently on their online course under the supervision of the teacher.		

Special Education Course Offerings

A student is scheduled into self-contained or team-taught courses based on the student's IEP. The courses below are placed generally in the grade level expected, but placement will ultimately be determined by the IEP team.

Self-Contained Course Sequence

Self-Contained Courses				
SUBJECT	**Grade 9**	**Grade 10**	**Grade 11**	**Grade 12**
English	SC English ½ [Y] (SEENG1) SC Intro to English (SEIENG) [Y]	SC English ½ [Y] (SEENG1)	SC English ¾ [Y] (SEENG3)	SC English ¾ [Y] (SEENG3)
Math	SC Algebra 1 [Y] (SEALG1) SC Pre-Algebra [Y] (SEPALG)	SC Geometry [Y] (SEGEO)	SC Algebra 2 [Y] (SEALG2)	
Social Studies		SC Early American Geography [S] (SEEAG)	SC US History [Y] (SEUSH)	SC Government [S] (SEGOV)
Science	SC Biology [Y] (SEBIO)	SC Biology [Y] (SEBIO)	SC Physical Science [Y] (SEPS)	SC Physical Science [Y] (SEPS)
Electives	SC Health [S] (SEHLTH)	SC Health [S] (SEHLTH) SC Parenting [S] (SEPAR)	SC Parenting [S] (SEPAR) SC CWT [Y] (SECWT)	SC Parenting [S] (SEPAR) SC CWT [Y] (SECWT)
[Y] - Year-Long Course *[S] - Semester-Long Course*				

Team-Taught Course Sequence

Team-Taught Courses				
SUBJECT	**Grade 9**	**Grade 10**	**Grade 11**	**Grade 12**
English	TT English 1 (ENG09T)	TT English 2 (ENG10T)	TT English 3 (ENG11T)	TT English 4 (ENG12T)
Math	TT Algebra 1 (MTH09T)	TT Geometry (MTH10T)	TT Algebra 2 (MTH11T)	
Social Studies	TT World History (SOC09T)	TT Early American Geography (SOC10T)	TT US History (SOC11T)	TT Government (SOCGT) TT Economics (SOCET)
Science	TT Biology (SCI09T)	TT Physical Science (SCIPST)	TT Physical Science (SCIPST)	TT Physical Science (SCIPST)
Electives				

Special Education Course Descriptions

SC PARENTING		SCPAR
GRADE LEVEL: 10, 11, 12	CREDIT: 0.5	COURSE LENGTH: Semester
PREREQUISITE: None		
Units will include why parenting is important, the reproduction and development of an infant over the nine months of pregnancy, development of children during the first year of life, how to deal with discipline and difficult situations as a parent and a project where students will take home a computer/simulated infant for a weekend.		

SC COOPERATIVE WORK TRAINING		SECWT
GRADE LEVEL: 11, 12	CREDIT: 1 (ECONOMICS CREDIT)	COURSE LENGTH: Year
PREREQUISITE: None		
Units with career paths, hard skills, soft skills, mock interviews, work scenarios, budgeting activities, banking, researching costs of living, financial literacy. This course counts as a consumer education/economics credit.		

RESOURCE STUDY HALL		SESHS1, SESHS2
GRADE LEVEL: 9, 10, 11, 12	CREDIT: 0	COURSE LENGTH: Semester
PREREQUISITE: Listed in IEP		
This elective does not count for credit. This course provides students a class period to work on their academics with the support of a staff member in a smaller setting. Placement in this study hall is determined by the IEP and availability.		

Bilingual Education Course Offerings

A student is scheduled into Bilingual Education courses based on their ACCESS scores and education plan. The courses listed below are generally expected at the outlined grade levels but can be adjusted as appropriate.

Bilingual Education Course Sequence

Bilingual Education Courses				
SUBJECT	**Grade 9**	**Grade 10**	**Grade 11**	**Grade 12**
English	English 1 Bilingual Section [Y] (ENG09B)	English 2 Bilingual Section [Y] (ENG10B)	English 3 Bilingual Section [Y] (ENG11B)	English 4 Bilingual Section [Y] (ENG12B)
Math	Algebra 1 Bilingual Section [Y] (MTH09B) Integrated Math 1 [Y] (BIIM1)	Geometry Bilingual Section [Y] (MTH10B) Integrated Math 2 [Y] (BIIM2)	Algebra 2 Bilingual Section [Y] (MTH11B) Integrated Math 3 [Y] (BIIM3)	
Social Studies		Bilingual US History [Y] (BIUSH)	Bilingual US History [Y] (BIUSH)	Bilingual Government [Y] (BIGOV) Bilingual Economics [S] (BIECO)
Science	Biology Bilingual Section [Y] (SCI09B)	Physical Science Bilingual Section [Y] (SCIPSB)	Physical Science Bilingual Section [Y] (SCIPSB)	Physical Science Bilingual Section [Y] (SCIPSB)
Electives	ESL 1 [Y] (BIESL1)	ESL 1 [Y] (BIESL1)	ESL 2 [Y] (BIESL2)	ESL 2 [Y] (BIESL2)
[Y] - Year-Long Course *[S] - Semester-Long Course*				

Bilingual Education Course Descriptions

ESL 1		BIESL1
GRADE LEVEL: 9, 10, 11, 12	CREDIT: 1	COURSE LENGTH: Year
PREREQUISITE: ACCESS Score, Staff Recommendation		

ESL 1 (English as a Second Language) course is designed to empower non-native English speakers with the language skills needed for academic success and everyday communication and core academics. Students in ESL 1 demonstrated a need for full-time bilingual support on the ACCESS test and is designed for students with the lowest levels of language proficiency. Students will enhance their proficiency in listening, speaking, reading, and writing. The curriculum incorporates culturally relevant content, fostering a supportive environment that encourages language acquisition and cultural exchange. Students will emerge from the course with improved English proficiency and a greater confidence in navigating English-speaking environments.

ESL 2		BIESL2
GRADE LEVEL: 9, 10, 11, 12	CREDIT: 1	COURSE LENGTH: Year
PREREQUISITE: ACCESS Score, Staff Recommendation		
ESL 2 (English as a Second Language) course is designed to build on the literacy development learned in ESL 1. Students in ESL 1 demonstrated a need for part-time bilingual support on the ACCESS test and is designed for students who have some level of language proficiency. Students will continue to enhance their proficiency in listening, speaking, reading, and writing. The curriculum incorporates culturally relevant content, fostering a supportive environment that encourages language acquisition and cultural exchange. Students will emerge from the course with improved English proficiency and a greater confidence in navigating English-speaking environments.		

ESL ONLINE		BIESL3
GRADE LEVEL: 9, 10, 11, 12	CREDIT: 1	COURSE LENGTH: Year
PREREQUISITE: ACCESS Score, Staff Recommendation		
This elective is an online ESL course using Rosetta Stone. Students in ESL Online demonstrated a need for full-time bilingual support and is designed for students who have the lowest levels of language proficiency. Students will enhance their proficiency in listening, speaking, reading, and writing.		

INTEGRATED MATH 1		BIIM1
GRADE LEVEL: 9, 10, 11, 12	CREDIT: 1	COURSE LENGTH: Year
PREREQUISITE: ACCESS Score, Staff Recommendation		
With emphasis on Pre-Algebra and Algebra concepts, Integrated Math 1 emphasizes proficiency in skills involving numbers and operations, algebra, geometry, statistics, mathematical modeling, and probability. These courses are offered as the first course in a 3- or 4-year sequence of college-preparatory mathematics courses that replace traditional Algebra 1, Geometry, and Algebra 2 courses.		

INTEGRATED MATH 2		BIIM2
GRADE LEVEL: 9, 10, 11, 12	CREDIT: 1	COURSE LENGTH: Year
PREREQUISITE: ACCESS Score, Staff Recommendation		

With emphasis on Geometry principles, Integrated Math 2 emphasizes proficiency in skills involving numbers and operations, algebra, geometry, statistics, mathematical modeling, and probability. These courses are offered as the second course in a 3- or 4-year sequence of college-preparatory mathematics courses that replace traditional Algebra 1, Geometry, and Algebra 2 courses.

INTEGRATED MATH 3		BIIM3
GRADE LEVEL: 9, 10, 11, 12	CREDIT: 1	COURSE LENGTH: Year
PREREQUISITE: ACCESS Score, Staff Recommendation		
With emphasis on Algebra 2 concepts, Integrated Math 3 emphasizes proficiency in skills involving numbers and operations, algebra, geometry, statistics, mathematical modeling, and probability. These courses are offered as the third course in a 3- or 4-year sequence of college-preparatory mathematics courses that replace traditional Algebra 1, Geometry, and Algebra 2 courses.		

BILINGUAL RESOURCE STUDY HALL		BIRSH
GRADE LEVEL: 9, 10, 11, 12	CREDIT: 0	COURSE LENGTH: Semester
PREREQUISITE: ACCESS Score, Staff Recommendation		
This elective does not count for credit. This course provides students a class period to work on their academics with the support of a bilingual staff member in a smaller setting. Placement in this study hall is determined by the student's ACCESS Score, Staff Recommendation, and availability.		