UPDATED: 12/10/24

FULTON HIGH SCHOOL

2025-2026

COURSE HANDBOOK

ONCE A STEAMER, ALWAYS A STEAMER

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IT IS OUR GOAL FOR EVERY STUDENT TO GRADUATE FROM FULTON HIGH SCHOOL COLLEGE AND CAREER READY.

REGISTRATION INFORMATION

NOTE TO STUDENTS:

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

DEFINITIONS:

1. SCHOOL YEAR: A school year consists of two semesters, which includes four quarters.

2. UNIT OF CREDIT: A unit of credit is the measure of school credit. One-half unit of credit may be earned by satisfactorily completing the work in a subject each semester. The credit of each subject is published in the course description section.

3. PREREQUISITE: This refers to the requirements and courses that must be met, and or completed, before taking certain courses.

4. REQUIRED SUBJECTS: Subjects, which must be completed to qualify for a Fulton High School diploma.

5. ELECTIVE: Subjects, which may be chosen by the student.

6. CORE: Subjects, which fulfill in part, a college preparation curriculum.

7. GRADE POINT AVERAGE: GPA is based on semester grades from Grade 9 to the Present (excluding P.E. and Driver Ed. grades). Courses are graded on the following scale:

Percentage	Grade	GPA	Percentage	Grade	GPA
96.5 – 100	A+	4.00	76.5 – 79.4	C+	2.25
92.5 – 96.4	A	4.00	72.5 – 76.4	C	2.00
89.5 – 92.4	A-	3.75	69.5 – 72.4	C-	1.75
86.5 – 89.4	B+	3.25	66.5 – 69.4	D+	1.25
82.5 – 86.4	B	3.00	62.5 – 66.5	D	1.00
79.5 – 82.4	B-	2.75	59.5 – 62.4	D-	0.75
			59.4 – 00.0	F	0.00

8. CLASS RANK: A student's rank is based on the cumulative GPA of all students in a class.

9. EDMENTUM: Junior and senior students will have the opportunity to enroll in Edmentum online school. These classes are taken for high school credit only and must be approved by the administration prior to enrollment. Students will be responsible for paying for these classes according to the Edmentum guidelines. These classes can be taken during the school day or a total of 2 credits can be earned outside of the school day.

DEFINITIONS (continued):

10. CREDIT RECOVERY: In order for a student to recover a credit from a core class previously failed, a student may enroll in an online credit recovery class. Students have the opportunity to enroll in Edmentum Online School or any other approved correspondence course to complete their credit recovery. The course name and grade will be listed on the final high school transcript; these credits will be applied toward graduation. Families will be responsible for the cost of a credit recovery course. Students are allowed a maximum of 3 credits earned through credit recovery. Edmentum classes can be taken during the school day or outside of school.

11. CORRESPONDENCE COURSES: Students may need or want to take courses outside of the school day or year. A total of 2 credits may be earned by completing courses from an institution approved by the School Administration or HS Counseling Office. Permission must be granted by the principal before the student begins work on courses. Credit can only apply for making up failed required classes or if a student is short credits to graduate with their class.

12. DUAL CREDIT: Junior and senior students will have the opportunity to enroll in Dual Credit Courses. Students are able to earn both high school and college credits simultaneously, from Sauk Valley Community College and Clinton Community College.

13. DUAL ENROLLMENT: Junior and senior students will have the opportunity to enroll in Dual Enrollment Courses. This refers to students being enrolled-concurrently-in both Fulton High School and an institution of higher learning. In this case students will attend school at Morrison Tech, Whiteside Area Career Center, Sauk Dual Credit Block, Sauk Academy, EICC Academy, or attend Sauk Valley CC or Clinton CC.

GENERAL INFORMATION:

1. Before enrolling in Fulton High School, it is helpful to plan a four-year course of study with your parents, using the course descriptions, graduation requirements, and recommended courses enclosed in this Course Description Handbook.

2. Students attending Fulton High School will receive teacher recommendations for all core Subjects, as well as, some elective courses to help aid them with registration.

3. Complete the registration sheets by requesting eight (8) subjects, plus three (3) alternates, each semester. You will register for both semesters. Make your selections carefully and with your future goals in mind.

4. Select courses for the proper grade level.

5. All required courses not passed must be retaken.

6. Make sure you have met the necessary prerequisites for all of the courses you select.

7. Obtain instructor approval if required.

8. Students are responsible for checking their own credits toward graduation.

9. Use your **XELLO** account and **Counselor's Corner** (address located on the front cover for more information to complete the above.

GRADUATION REQUIREMENTS

Twenty-eight (28) credits are required for graduation from Fulton High School. These requirements have some flexibility to help meet the individual needs of students. We encourage all students to develop a plan for their high school education that allows for a wide range of educational experiences, as well as an extension beyond the minimum requirements.

COURSES	Credits/Years
English	4
- Must include English 1, 2 and 3 (or AP Lan.)	
Math	3
- Any 3 credits of math	
- A 4th year of math is highly recommended	
Science	3
- One (1) credit each of an Earth, Living, and Physical Science	
Social Science	3
- One (1) credit of World History (10th gr.)	
- One and One-Half (1.5) credit U.S. History	
- One-half (0.5) credit Civics	
Computer	0.5
- Any one-half (0.5) credit computer course	
Consumer Education	0.5
Physical Education/Health/Safety	4*
- Must be enrolled every semester *	
- Includes One-half (0.5) credit of Health	
- May include Driver Education (0.25 Class and 0.25 BTW)	
Required	18
Elective	10 .
TOTAL	28 .

* Students waiving out of P.E. for band, medical reasons, athletics (2 sport athletes for the semester), college bound curriculum (11-12), or graduation requirements (11-12) may have less than 4 - P.E./Health/Safety credits. The State of Illinois guidelines must be followed if waiving out of P.E. An alternate class MUST replace P.E. Health, Driver Education and Band also count toward Physical Education/Health/Safety.

SWiM (Students With Motivation) is a one-year required course for Freshmen.This class is phase four of The Road to Steamer Nation. The areas that will be covered throughout the year include: transitional skills, asset building, digital tools, leadership, college and career readiness, mental wellness, character development, and growth mindset.

Students who transfer in from a non-eight (8) period schedule school, must pass seven (7) credits per year while at Fulton High School and meet all graduation requirements. Transfer credits will be appraised and final required graduation credits may be adjusted.

The Futon High School Counselor is here to help you throughout your high school experience. Contact the counseling department with any concerns or questions you may have at 815-589-3511.

ARE YOU PLANNING ON GOING TO COLLEGE?

If you are planning on going to college, you must plan your high school experience accordingly.

The following is a summary of minimum high school course requirements for admission of freshmen to Illinois public universities as well as basic college preparation curriculum. This curriculum must be completed to be eligible for many of the State Scholarships.

English - 4 years Four years of composition and grammar to include content in writing, literature, and speech.

Mathematics – 4 years At least four of the following seven classes:
• Pre-algebra • Algebra • Geometry • Algebra II and/or Trigonometry
• Statistics • Pre-calculus • Calculus

Natural Sciences - 3 years Three years of Laboratory Science including Biology, Chemistry and Physics (or a Physical Science).

Social Studies - 3 years One year of US History and at least 4 of the following:
• Geography • World History • Government • Psychology • Sociology

Electives - 2 years

Foreign Language or Two years of one language.
Art, Music, Vocational Any combination of 2 years.

Flexible Units - 2 years Two additional years from any of the five categories.

Factors that influence college admission decisions are listed below in order of importance. Source: National Association for College Admission Counseling (NACAC) Admission trends survey 2023. Ranking by percentage of "Considerable Importance,"

1. Grades in college prep courses (see above). 77%
2. Grades in all courses. 74%
3. Strength of curriculum. 64%
4. College essay or writing sample. 19%
5. Student's demonstrated interest in the college. 16%
6. Counselor recommendation. 12%
7. Teacher recommendation. 11%
8. Extracurricular activities. 7%
9. Admission test scores (SAT or ACT). 5%
10. Portfolio. 5%
11. Rank in graduating class (GPA). 5%
12. Personal interview (required at selected colleges). 4%
13. State graduation exam scores. 2%
14. Work. 2%
15. Subject test scores (AP). 1%

REQUESTS FOR SCHEDULE CHANGE

Care needs to be taken in selecting classes. It is the philosophy of Fulton High School that all classes are for one (1) full school year unless stated otherwise,

There will be a **four (4) day** period allowed at the **beginning** of the ***first semester*** and **two (2) days** at the **beginning** of the ***second semester*** for the processing of schedule changes. Only necessary changes will be made for the second semester. After each processing period, students who choose to drop a class will drop that class with a failing grade for the semester, unless there are extenuating circumstances. When appropriate, a conference with the administration, counselor, student, parent, and teacher involved will be held prior to a schedule change.

PROCEDURES:

1. Discuss your intentions with the teacher of the class or classes you wish to drop.

2. Find a class that will fill that hour using the master schedule.

3. Discuss your intentions with the teacher of the replacement class or classes.

4. For Core or required courses, the following **may** be required;
   - Pick up the "Request To Change Program" form from the counseling office.
   - Get needed signatures from teachers and parents.
   - Return completed forms before or on the ***4th day of the first semester*** or on the ***2nd day of the second semester***.

Items taken into consideration in processing schedule changes include:

- You cannot move from a small class to a large class.
- The change must be directly related to a career decision.
- When appropriate (Whiteside Area Career Center, Dual Credit Classes, core class, required class, etc.) a note from parents will be required to drop a class.
- Dual Credit College classes will also need approval and confirmation from the college where the credit is being granted/earned.
- Parental requests will be considered after consultation with the student, parent, and teacher.

ENGLISH

AP Literature and Composition - 1434/1435 *(Discontinued in 2022-23)*

English 1 - 1041/1042

Credit:	0.5 Per semester	**Offered:**	Full Year
Prerequisite:	Open		
Selection Criteria:	9	**Class designation:**	Regular
Status:	Required and Core		

Course description: English 1 is a year-long course focusing on a range of reading and writing skills. Students will read a variety of literature, including novels, short stories, essays, poetry, and plays. In addition to reading, students will build writing skills through short and extended pieces. Students will review grammar concepts throughout the year. Students will be assessed using the English Language Arts Competencies. After the completion of the course, students will be ready to move on to English 2. This course will be assessed using the seven English competencies using the competency-based education platform. Your final grade will be determined by your ability to show mastery of the English competencies using the provided continua developed by the English department.

English 1 Honors – 1038/1039

Credit:	0.5 Per semester	**Offered:**	Full Year
Prerequisite:	PSAT 8 English scores, 8th grade English Grades, Teacher Recommendation, Parent Recommendation		
Selection Criteria:	9	**Class designation:**	Honors
Status:	Required and Core		

Course description: Honors English 1 is a year-long course focusing on evaluation and analysis of reading where students will read from a variety of fiction and nonfiction literature. An emphasis will be placed on not just understanding the literature, but making evaluations, judgements, and analysis. This will necessitate an understanding that students will need to complete reading assignments outside of class time. Students will be assessed using the English Language Arts Competencies. Additionally, students will review grammar concepts. This course will be assessed using the seven English competencies using the competency-based education platform. Your final grade will be determined by your ability to show mastery of the English competencies using the provided continua developed by the English department.

English 2 - 1132/1133

Credit:	0.5 Per semester	**Offered:**	Full Year
Prerequisite:	Open		
Selection Criteria:	10	**Class designation:**	Regular
Status:	Required and Core		

Course description: In this year-long course, students will read and respond to a variety of texts while building skills introduced in English I. This course emphasizes writing to inform, argue, and entertain. Additionally, **English 2 will fulfill the speech requirement for graduation.** Students will also review grammar concepts throughout the year. English 2 students will be assessed using the seven English/Language Arts competencies. Your final grade will be determined by your ability to show mastery of the English competencies using the provided continua developed by the English department.

English 2 Honors – 1130/1131

Credit:	0.5 Per semester	**Offered:**	Full Year
Prerequisite:	PSAT 9 English Scores, English 1 or Honors English 1 Grades, Teacher Recommendation, Parent Recommendation		
Selection Criteria:	10	**Class designation:**	Honors
Status:	Required and Core		

Course description: Honors English 2 is a writing intensive course in which students will analyze and evaluate various types of fiction and nonfiction literature. Students taking Honors English 2 are expected to be strong readers with a firm grasp of mechanics of the English language, as the course will emphasize analytical readings of complex texts. Honors 2 students will receive rigorous writing instruction. Students will be assessed using the seven English competencies, including Conducting Research and Presenting Ideas, using the competency-based education platform. **English 2 Honors will fulfill the speech requirement necessary for graduation.** Successful completion of this year-long course will prepare students to take Advanced Placement English courses as juniors and seniors. Your final grade will be determined by your ability to show mastery of the English competencies using the provided continua developed by the English department.

English 3 - 1211/1212

Credit:	0.5 Per semester	**Offered:**	Full Year
Prerequisite:	Open		
Selection Criteria:	11	**Class designation:**	Regular
Status:	Required and Core		

Course description: This course will continue to build upon the seven English competencies learned and mastered in English 1 and 2 using the competency-based education platform as well as continue your preparation for college and career readiness. English 3 is a year-long course using both fiction and nonfiction to focus on writing, presenting, creating, and discussing. The focus of the writing will be rooted in conducting research to both inform readers and create arguments as well as writing narratives to tell stories. Reading in English 4 will be done as both whole-class novels and student choice to model exemplary writing as well as create opportunities to discuss themes and techniques that writers use. In addition, there will be a heavy emphasis placed on grammar in this course to ensure you are a strong writer and speaker. Preparation for the SAT will occur throughout the year. Your final grade will be determined by your ability to show mastery of the English competencies using the provided continua developed by the English department.

AP Language and Composition - 1430/1431

Credit:	0.5 Per semester	**Offered:**	Full Year
Prerequisite:	English Department Recommendation.		
Selection Criteria:	11	**Class designation:**	**Honors, College Credit upon successful completion of AP Exam**
Status:	Required, Core		

Course description: The purpose of the Advanced Placement Language and Composition course is to enable students to read complex nonfiction texts with understanding and to write prose of sufficient richness and complexity to communicate effectively with mature readers; in other words, you will be developing an awareness of language and rhetoric. The AP Lang student is often asked to demonstrate how word choice, arrangement, rhetorical appeals, figures of speech, and sentence structure contribute to the overall effect. The AP Lang student must be prepared for multiple types of writing throughout the school year: analyze passages of nonfiction, synthesize a series of source material, and create a compelling argument. This course will only involve reading works of nonfiction, and all required reading in the course is completed outside of class. Students are also required to read one independent nonfiction book of their choice per quarter that will be assessed through an in-class writing assignment or final project. Much of the work that is completed in this course is geared towards preparation for the exam in May. It is to your benefit to take the exam since it can provide you the opportunity to "advance" your placement in college, skipping a class of what would otherwise be required college-level English, as well as saving yourself some money. Regardless of the outcome of the exam, the skills you will acquire in both reading and writing will be invaluable and serve you well on the SAT, too.If you do not like or enjoy writing, collaborating, or discussing in a group setting, then this might not be the best junior-level class for you, as it is heavy in all three areas.The textbook used is *The Language of Composition* published by Bedford/St. Martins. This rigorous course meets the college and career readiness standards set forth by Advanced Placement, and students are **highly encouraged** to take the Advanced Placement Language & Composition exam in May. Students **are expected to pay a testing fee in November before registering for the test.**

English 4 - 1442/1443

Credit:	0.5 Per semester	**Offered:**	Full Year
Prerequisite:	Open		
Selection Criteria:	12	**Class designation:**	Regular
Status:	Required and Core		

Course description: This course will continue to build upon the seven English competencies learned and mastered in English 1, 2, and 3 using the competency-based education platform as well as continue your preparation for college and career readiness. English 4 is a year-long course using both fiction and nonfiction to focus on writing, presenting, creating, and discussing. The focus of the writing will be rooted in conducting research to both inform readers and create arguments as well as writing narratives to tell stories.Reading in English 4 will be done as both whole-class novels and student choice to model exemplary writing as well as create opportunities to discuss themes and techniques that writers use. In addition, there will be an emphasis placed on writing skills for career and college preparation, such as resumes, cover letters, and college admission essays. Your final grade will be determined by your ability to show mastery of the English competencies using the provided continua developed by the English department.

Contemporary Literature for Young Adults - 1353

Credit:	0.5	**Offered:**	One Semester
Prerequisite:	Open		
Selection Criteria:	10 11 12	**Class designation:**	Regular
Status:	English Elective (Can replace 4th year of English if taken during the senior year) ***(Class can be taken more than once)***		

Course description: Contemporary Literature is a one semester course focusing on the exploration and discussion of young adult problems through reading, writing, listening, and discussing novels. Outside reading and writing will be required. Each class will involve a designated time for students to read their selected text and check out materials if needed. A variety of controversial topics will be discussed and addressed throughout the semester as students are exposed to such topics in their reading. The material for this course will be organized by genres. Student interest and the instructor will determine the genres for the novels. This course will be assessed using the seven English competencies using the competency-based education platform.Your final grade will be determined by your ability to show mastery of the English competencies using the provided continua developed by the English department.

Media Analysis – 1354

Credit:	0.5	**Offered:**	One Semester
Prerequisite:	Open		
Selection Criteria:	10 11 12	**Class designation:**	Regular
Status:	English Elective (can replace 4th year of English if taken during the senior year)		

Course description: Media Analysis is a one semester course that seeks to introduce students to a non-fiction analysis of current media outlets including movies, television, radio, the Internet, and advertising. Students will interpret media messages using both written and oral analyses. Presentations, writing assignments, and class discussions utilizing critical thinking skills are required. Students may need to provide additional outside resources. This course is designed for students interested in analyzing and interpreting media messages. Students that enjoy discussions and debating would be well-suited for this course. This course will be assessed using the seven English competencies using the competency-based education platform. Your final grade will be determined by your ability to show mastery of the English competencies using the provided continua developed by the English department.

Creative Writing - 1355

Credit:	0.5	**Offered:**	One Semester
Prerequisite:	Open		
Selection Criteria:	10 11 12	**Class designation:**	Regular
Status:	English Elective (Can replace 4th year of English if taken during the senior year) ***(Class can be taken more than once)***		

Course description: Creative writing is a semester-long course designed for students who enjoy writing as a form of expression. Students will be asked to use and expand their writing skills by reading and analyzing a variety of writing samples. The class will explore fiction and nonfiction writing through the use of narrative, informative, and argumentative writing. To develop original writing pieces, students will engage in freewrites, writing workshops, literary element development lessons, writing/author studies, and peer reviews/conferences. Mastery of the Narrative, Informative, and Argumentative English competencies will be the focus of this course.

MATH

Teacher Recommendation	Standard	Accelerated
Math Foundations	Algebra 1	Algebra 1
Algebra 1	Geometry	Geometry & Algebra 2 (10th grade)
Geometry	Algebra 2	Algebra 2 Honors
	Algebra 2 Honors	Pre-Calculus
	4th year highly recommend	4th year math highly recommended
	(QLS, Stats/ MAT 240)	(Stats/ MAT 240, QLS, AP Calc)

Math I – 2002/2003 ***Discontinued 2021-22***
Math II – 2006/2007 ***Discontinued 2021-22***
Math III – 2121/2122 ***Discontinued 2021-22***

Math Foundations - 2010/2011

Credit:	0.5 Per semester	**Offered:**	Full Year
Prerequisite:	Instructor Approval		
Selection Criteria:	9-12	**Class designation:**	Regular
Status:	Required		

Course description: This is a self-paced, skill mastery developmental mathematics course. It is an individualized, computer-based learning experience which is provided for students who have been identified as performing below grade level in math due to significant skill deficits. The instructors will provide instruction, guidance, and monitor progress. Course placement tests will determine which units a student has yet to master. Students who take all three years of math foundations and complete a total of 18 units with a minimum of 80% mastery of skills for each unit will meet the math requirements for graduation.

Algebra 1 – 2051/2052

Credit:	0.5 Per semester	**Offered:**	Full Year
Prerequisites:	Recommendation of 8th grade Math instructor or a Pre-Algebra class.		
Selection Criteria:	9	**Class Designation:**	Regular
Status:	Required and Core.		

Course Description: This class focuses on beginning Algebra. Content includes data and relationships, patterns, functions, linear equations and graphs, systems, distance, polynomials and quadratics. Real life applications and connections will be used in line with these topics. This class is required to advance into Geometry.

Geometry – 2061/2062

Credit:	0.5 Per semester	**Offered:**	Full Year
Prerequisites:	Completion of Algebra 1 with Current Math instructor recommendation.		
Selection Criteria:	9 10	**Class Designation:**	Regular
Status:	Required and Core.		

Course Description: A traditional plane geometry course covering such topics as properties of lines, angles, polygons, circles, congruence, similarity, area, perimeter, and volume. The course will cover proof and problem solving using geometric concepts.

Algebra 2 – 2111/2112

Credit:	0.5 Per semester	**Offered:**	Full Year
Prerequisites:	Completion of Algebra I or Geometry with recommendation from Math instructor.		
Selection Criteria:	10 11	**Class Designation:**	Regular
Status:	Required and Core.		

Course Description: Students continue their study of functions including quadratic, polynomial, exponential, rational and radical functions. They build and interpret functions that model a relationship between two quantities by analyzing key features of the graphs and equations. Equation solving strategies expand to include higher degree polynomials and quadratics over the complex number system and exponential equations using the properties of logarithms.

Algebra 2 Honors – 2115/2116

Credit: 0.5 Per semester **Offered:** Full Year
Prerequisites: Completion of Algebra I or Geometry with recommendation from Math instructor.
Selection Criteria: 10 11 **Class Designation:** Regular
Status: Required and Core.

Course Description: This course deepens students' understanding of algebraic concepts at a slightly faster pace with a focus on preparing them for higher-level math courses. It covers a range of functions, including quadratic, polynomial, exponential, rational, and radical functions, emphasizing the ability to analyze and construct graphs and equations. Students tackle complex equations involving higher degree polynomials, complex number systems, and exponential equations.

Intro to Statistics/ SVDC Elementary Statistics – 2047/SDMAT240

Credit: 0.5 Per semester **Offered:** Full Year
Prerequisite: Completion of Pre-Calculus or Algebra II with recommendation from Math instructor.
Selection Criteria: 11 12 **Class designation: Honors, Dual Credit**
Status: Required, Core

Course description: Semester 1 is an introduction to basic concepts in statistical methods including measures of central tendency, measures of dispersion, probability, theoretical and empirical distribution, estimation, tests of hypotheses, linear regression and correlation. Semester 2 is a dual credit course through Sauk Valley Community College taught at FHS at no cost to students. Students who successfully complete the course will earn 3 college credits.

Pre-Calculus - 2141/2142

Credit: 0.5 Per semester **Offered:** Full Year
Prerequisite: Completion of Algebra II with recommendation fromMath Instructor.
Selection Criteria: 11 12 **Class designation:** Regular
Status: Required and Core

Course description: This course is designed to provide a comprehensive study of functions, which are the basis of calculus and other higher mathematics courses. The students will study the properties and graphs of polynomial, rational, exponential, logarithmic, and trigonometric functions. The second semester will have an emphasis on analytic trigonometry and geometry, including law of sine and cosine, vectors, and matrices. Students will represent models using algebraic, numerical, graphical, and verbal methods. Technology plays an important role in the conceptual development and problem-solving aspects of the course. Completion of this course is required before taking advanced placement calculus.

AP Calculus AB – 2151/2152

Credit: 0.5 Per semester **Offered:** Full Year
Prerequisite: B or higher for final grade in Pre-Calculus and signature of the instructor
Selection Criteria: 12 **Class designation: Honors, College Credit upon**
Status: Required, Core, must pay the required testing fee. **successful completion of AP Exam**

Course description: This course is intended for advanced instruction; there is NO guarantee that college course credit will be derived. This course will follow the nationally-recommended syllabus for Advanced Placement Calculus AB. The students will be taught from a college text and will learn all material covered in college-level Calculus I. Upon successful completion of the advanced placement exam administered through the College Board, students may earn 3–5 credits at the college of their choice, depending on their college's policy concerning Advanced Placement. This rigorous course meets the college and career readiness standards set forth by Advanced Placement, and students are **highly encouraged** to take the Advanced Placement exam in May, **and are expected to pay a testing fee in November before registering for the test.** Students in AP Calculus need a TI84 calculator.

Quantitative Literacy & Stats – 2211/2212

Credit:	0.5 Per semester	**Offered:**	Full Year
Prerequisite:	Senior Status		
Selection Criteria:	12	**Class designation:**	Regular
Status:	Required and Core		

Course description: It is estimated that nearly half of high school graduates who enter postsecondary education are recommended for remedial math courses. Statistics indicate that students who are placed in remedial math at the postsecondary level are less likely to be successful at completing college in their chosen path. The QLS Math course is a fourth-year high school transitional math course that has the tremendous potential to reduce remediation and developmental education coursework for high school students who plan to attend Illinois colleges. This transitional math course is not designed to remediate math skills, but to enhance and improve them. Students who successfully complete this course with a C or better will automatically be placed into corresponding credit bearing college courses at any community college in Illinois.

SCIENCE

SCIENCE DEPARTMENT COURSE MAPPING

FHS Graduation Minimum	College Bound-General	College Bound-Medical	College Bound-Computer/ Engineering	Other Fields
-Earth Science -Physical Science or Material Science -Biology or Environmental	-Earth Science -Biology -Chemistry -Physics	-Earth Science -Chemistry -Biology -Dual Credit Chemistry -Anatomy & Physiology -Physics	-Earth Science -Biology -Chemistry -Physics -Material Science	Criminal Justice- -Forensic Science Vet/Ag/DNR- -Zoology

*****DOUBLING UP ON SCIENCE COURSES IS ENCOURAGED*****

Earth Science - 3161/3162

Credit:	0.5 Per semester	**Offered:**	Full Year
Prerequisite:	Open		
Selection Criteria:	9	**Class designation:**	Regular
Status:	Required (Earth Science) and Core		

Course description: In this course, students will utilize scientific practices to discover knowledge and overarching concepts related to Earth and space science. Students will recognize unifying themes that integrate the major topics of Earth and space science including topography, physical geology and plate tectonics, meteorology and the nature of storms, surface and groundwater processes, Earth and its place in the universe, and the solar system. The curriculum integrates critical thinking and laboratory skills that stress the development of experimental design, detailed observation, accurate recording, data interpretation, and analysis.

****REQUIRED OF ALL 9TH GRADERS****

Environmental Science - 3083/3084

Credit:	0.5 Per semester	**Offered:**	Full Year
Prerequisite:	Teacher recommendation		
Selection Criteria:	10 11 12	**Class designation:**	Regular
Status:	Required (Life Science) and Core		

Course description: A course that focuses on the application of biological principles to the study of the physical environment and the solution of environmental problems. Major topics include structures and processes of organisms in an ecosystem, the interactions and cycling of energy within ecosystems, and the interaction between human society and the natural environment. The curriculum integrates critical thinking and laboratory skills that stress the development of experimental design, observation, accurate recording, data interpretation, and analysis.

Biology - 3145/3146

Credit:	0.5 Per semester	**Offered:**	Full Year
Prerequisite:	Open		
Selection Criteria:	10 11 12	**Class designation:**	Regular
Status:	Required (Life Science) and Core		

Course description: In this course, students will utilize scientific practices to discover knowledge and concepts related to life science. Students will recognize unifying themes that integrate the major topics of biology and experimental design. Major topics include structures and processes from molecules to organisms, the inheritance and variation of traits, the interactions and cycling of energy within ecosystems, and biological evolution. The curriculum integrates critical thinking and laboratory skills that stress the development of experimental design, observation, accurate recording, data interpretation, and analysis.

Human Anatomy & Physiology (Biology) – 3167/3168

Credit:	0.5 Per semester	**Offered:**	Full Year
Prerequisite:	Biology		
Selection Criteria:	11 12	**Class designation:**	Regular
Status:	Required (Life Science) and Core		

Course description: Anatomy and Physiology explores the workings of the human body and focuses on anatomical terminology. This course is the foundation for students wanting to learn about the body and its levels of organization. The textbook used in this course is written at the college level and will promote a transition for students pursuing careers in medical fields. Students will participate in many laboratory exercises designed to further understanding of homeostasis and body systems. This course will focus on the primary units of study including histology, blood, the cardiovascular system, the skeletal system, the digestive system, and the reproductive system. Students will observe, dissect, and have hands-on experience as well as take notes, answer questions, interpret data, make presentations and take formal exams.

Zoology - 3147/3148

Credit:	0.5 Per semester	**Offered:**	Full Year
Prerequisite:	Biology		
Selection Criteria:	11 12	**Class designation:**	Regular
Status:	Elective		

Course description: This course discusses the branch of biology that deals with animals and animal life, including the study of the structure, physiology, development, and classification of animals. Some of the topics discussed include the classification of animals, invertebrates, including sponges, flatworms, mollusks, insects, arthropods, and echinoderms, and vertebrates, including fishes, amphibians, reptiles, birds, and mammals.

Physical Science - 3131/3132

Credit:	0.5 Per semester	**Offered:**	Full Year
Prerequisite:	Should have had or be enrolled in Algebra 1 or Math Foundations		
Selection Criteria:	10 11 12	**Class designation:**	Regular
Status:	Required (Physical Science) and Core		

Course description: In this course, students will utilize scientific practices to discover knowledge and overarching concepts related to physical science. Students will recognize unifying themes that integrate the major topics of physical science including the physics of energy and motion, chemistry, and waves. The curriculum integrates critical thinking and laboratory skills that stress the development of experimental design, measuring and recording, data analysis and interpretation, and using models.

Chemistry - 3211/3212

Credit:	0.5 Per semester	**Offered:**	Full Year
Prerequisite:	Completed Algebra 1 or Math Foundations		
Selection Criteria:	10 11 12	**Class designation:**	Regular
Status:	Required (Physical Science) and Core		

Course description: In this course, students will utilize scientific practices to discover knowledge and overarching concepts related to physical science. Students will recognize unifying themes that integrate the major topics of chemistry including structure and property of matter, interactions of matter, and chemical reactions. The curriculum integrates critical thinking via modeling, planning and carrying out investigations, and obtaining, evaluating, and communicating information.

Material Science - 3221/3222

Credit:	0.5 Per semester	**Offered:**	Full Year
Prerequisite:	Should have had or be enrolled in Algebra 1 or Math Foundations		
Selection Criteria:	10 11 12	**Class designation:**	Regular
Status:	Required (Physical Science) and Core		

Course description: In this course, students will utilize scientific practices to discover knowledge and overarching concepts related to physical science. Materials science involves the synthesis of new materials, developing improved processes for making materials and understanding the role of materials in our everyday lives. This lab and writing intensive course will focus on the fundamental relationship between structure, properties, processing and performance of materials. Topics covered in the class include: structure and bonding, crystal structures, ionic compounds, metals, alloys, ceramics, glass, composites and polymers.

Physics - 3171/3172

Credit:	0.5 Per semester	**Offered:**	Full Year
Prerequisite:	Should have had or be enrolled in Algebra 2 or instructor approval		
Selection Criteria:	11 12	**Class designation:**	Regular
Status:	Required (Physical Science) and Core		

Course description: In this course, students will utilize scientific practices to discover knowledge and overarching concepts related to physical science. Students will recognize unifying themes that integrate the major topics of Physics including one-dimensional, two-dimensional motion, and momentum. Students will also explore energy, charging and electrical circuits, and waves. The curriculum integrates critical thinking, experimental design and laboratory skills. These skills will be developed using mathematical modeling, data interpretation and graphical analysis.

Forensic Science- 3223/3224

Credit:	0.5 Per semester	**Offered:**	Full Year
Prerequisite:	Open		
Selection Criteria:	10 11 12	**Class designation:**	Regular
Status:	Elective		

Course description: Forensic Science is the application of science (chemistry, physics, and biology) to the criminal and civil laws that are enforced by police agencies in a criminal justice system. It includes the investigation of fingerprinting, fiber analysis, ballistics, arson, trace evidence analysis, poisons, drugs, blood spatters, and blood samples. Students are taught the proper collection, preservation, and laboratory analysis of various samples.

Sauk Dual Credit – Chemistry 105 – General Chemistry I – SDCHE105

Credit:	1 Per semester	**Offered:**	Semester 1
Prerequisite:	One year of high school chemistry or CHE 103 or CHE 102		
Selection Criteria:	11 12	**Class designation:**	Honors, College Credit (5)
Status:	Required, Core		

Course description:

This course involves the study of matter, measurements, the periodic table of the elements, atomic structure, basic concepts of quantum theory, bonding, stoichiometry of compounds and reactions, solution chemistry, introduction to acids and bases, thermochemistry, the gaseous state, and basic concepts of the liquid and solid states. This class is for chemistry, engineering, pre-medical and science majors.

Sauk Dual Credit – Chemistry 106 – General Chemistry II – SDCHE106

Credit:	1 Per semester	**Offered:**	Semester 2
Prerequisite:	CHE 105		
Selection Criteria:	11 12	**Class designation:**	Honors, College Credit (5)
Status:	Required, Core		

Course description:

This course is a continuation of CHE 105. This course involves the study of solutions, acids and bases, equilibria, acid-base equilibria, solubility equilibria, kinetics, thermodynamics, electrochemistry, coordination compounds, and nuclear chemistry. This class is for chemistry, engineering, premedical, and science majors.

FTC Robotics (Extra-Curricular) - 3900/3901

Credit:	0.5 Per semester	**Offered:**	Full year
Prerequisite:	Approval from a supervising science teacher and must compete in FTC competitions.		
Selection Criteria:	9 10 11 12	**Class designation:**	Regular
Status:	Independent Science Elective (This is an extracurricular activity outside of the school day)		

Course description: This is a yearlong class that serves as an introduction to the world of robotics. Innovation and Design as well as robotics engineering is a combined competitive extracurricular class. Students will design and build a robot to perform tasks assigned by FIRST Robotics This course will consist of independent and hands on learning in main areas of study related to contest robotics including: power tools and safety, mechanical systems, electronics (DC), computer aided design, programming, systems integration and mentoring other students in robotics. Students will be required to participate fully in all aspects of the competitions as well as be full participants in designated work sessions and team meetings after school and/or weekends during the months of September-March. **Outside Commitment**: Students participating in this course must compete in the FTC competitions during 1 and 2 semesters. Competitions are usually on a Saturday or Sunday.

SOCIAL SCIENCE

THE SOCIAL STUDIES REQUIREMENT MUST INCLUDE THE FOLLOWING:

World History - 1 credit
United States History 1 & 2 (regular or Honors) - 1 credit
Civics- ½ credit
United States History 3 - ½ credit

World History - 4422/4426

Credit:	0.5 Per semester	**Offered:**	Full year
Prerequisite:	Open		
Selection Criteria:	10	**Class designation:**	Regular
Status:	Required and Core		

Course description: World History presents a chronological narrative from the earliest civilizations to the present. Within this framework, we will trace the development of civilizations in different parts of the world, taking a look at different themes such as the growth of science and technology, political and economic development, the influence of geography on cultures, the effect of contact between cultures, and creativity in the arts.

United States History - 4132/4133

Credit:	0.5 Per semester	**Offered:**	Full year
Prerequisite:	Open		
Selection Criteria:	11	**Class designation:**	Regular
Status:	Required and Core		

Course description: The approach to this course is both topical and chronological. Supplemented by audio-visual materials, the textbook is used as the focal point in examining the foundation and development of a new democratic nation and the profound social, economic, and political changes it has witnessed due to its transition from a rural, agricultural country to an urban, industrialized country and its pursuit of isolationism. Knowledge of the American past will enable students to learn the value of historical perspective and to appreciate that the American way of life has its roots far back in history. The students should come to understand that some knowledge of the past is necessary in order to understand, and perhaps solve, some of the problems of today and to achieve further progress.
Semester 1 – U.S. History, 1607 – 1865 Semester 2 – U.S. History, 1865 - 1940

Honors United States History - 4173/4174

Credit:	0.5 Per semester	**Offered:**	Full year
Prerequisite:	Recommendation of instructor		
Selection Criteria:	11	**Class designation:**	**Honors**
Status:	Required and Core		

Course description: Designed to provide a greater challenge for the above-average student, this course follows the same general patterns and emphases as the regular U.S. History offering. Although the same textbook is utilized, outside readings may be used to augment the material provided by the instructor, the text, and the various audio-visual materials utilized. **Semester 1** – U.S. History, 1607 – 1865; **Semester 2** – U.S. History, 1865 – 1940

United States History 3 - 4400

Credit:	0.5	**Offered:**	One semester
Prerequisite:	Open		
Selection Criteria:	12	**Class designation:**	Regular
Status:	Required and Core		

Course description: Semester 3 – U.S. History, 1931 to the present. The approach to this course is both topical and chronological. Supplemented by audio-visual materials, the textbook is used as the focal point in examining the rise of the United States to a position of world leadership as traditional isolationism is replaced by internationalism in foreign affairs and the challenges offered by a series of "hot and cold wars," the struggle for equality and justice in America, the stubbornness of economic problems, and a rapidly changing society. Knowledge of the American past will enable students to learn the value of historical perspective and to appreciate that the American way of life has its roots in the past. The students should come to understand that some knowledge of the past is necessary in order to understand, and perhaps, solve some of the problems of today and to achieve further progress.

Civics - 4092

Credit:	0.5	**Offered:**	One semester
Prerequisite:	Open		
Selection Criteria:	12	**Class designation:**	Regular
Status:	Required and Core		

Course description: This course serves as an introduction to the American political system and the role played by the common citizen in making the system work. Units that will be covered are on the Legislative, Executive, and Judicial Branches, an introduction to government and The Bill Of Rights. Units on The United States Constitution, Illinois State Constitution, and the United States Flag Code are also taught, as they are **required to receive a high school diploma**.

Sociology - 4312

Credit:	0.5	**Offered:**	One semester
Prerequisite:	Open		
Selection Criteria:	11 12	**Class designation:**	Regular
Status:	Elective		

Course description: Sociology is defined as the study of the ways man has developed for living in his environment with other men. One of the social sciences, sociology has "devoted itself to man and his activities in the social group. It is concerned with the way the groups shape children to fit group life, with the unique behavior of different groups, and with the problems which arise when people live together in groups." The textbook, Sociology and You, is used as a focal point in the study of society and human relationships. Supplemented by audio-visual materials, this course is designed to help students better understand their present social environment.

Psychology - 4451

Credit:	0.5	**Offered:**	One semester
Prerequisite:	Open		
Selection Criteria:	11 12	**Class designation:**	Regular
Status:	Elective		

Course description: This course introduces students to the study of individual human behavior. Course content typically includes (but is not limited to) an overview of the field of psychology, topics in human growth and development, personality and behavior, and abnormal psychology.

HEALTH AND PHYSICAL EDUCATION

Health - 7092 S1 or 7095 S2

Credit:	0.5	**Offered:**	One Semester
Prerequisite:	Open		
Selection Criteria:	9 10 11 12	**Class designation:**	Regular
Status:	Required		

Course description: Health Education is a required semester-long course that will include the following topics: decision making/communications skills, stress and stress management, drugs and addictions, growth and development, sex and STI's/AIDS, nutrition, obesity, and first aid/CPR. This course involves lecture, note taking, cooperative learning activities, and active learning activities. There will be quizzes given to the students throughout the semester. In addition, the students will be tested following each unit that is covered in class.

Physical Education - 7190/7191

Credit:	0.5 Per semester	**Offered:**	Full year
Prerequisite:	Open		
Selection Criteria:	9 10 11 12	**Class designation:**	Regular
Status:	Required (see page 4)		

Course description: This course is a survey of the various physical education experiences available at Fulton High School. It will expose the students to numerous fitness-based activities. Students will also actively participate in Fitness Gram to measure their fitness abilities. Students will be expected to have a regulation physical education uniform and a school-issued combination lock for their physical education locker.

Sports Data Analysis - 7400

Credit:	0.5			**Offered:**	Semester
Prerequisite:	Open				
Selection Criteria:	10	11	12	**Class designation:**	Regular
Status:	Elective ***(Class can be taken more than once)***				

Course description: Using statistics from current professional sports, this class will be focused on analyzing data, making predictions, and communicating those predictions to the community through the River Bend website. Students in this class will be responsible for weekly articles that analyze real-time sports data.

Coaching Philosophy - 7404

Credit:	0.5			**Offered:**	One Semester
Prerequisite:	Open				
Selection Criteria:	10	11	12	**Class designation:**	Regular
Status:	Elective				

Course description: Course is geared for students interested in sports/athletics looking to further their knowledge in the areas of sports and coaching. The areas to be covered: coaching philosophy in a variety of sports and athletic events, sports administration, building and maintaining an athletic program, injury care & prevention, understanding of rules/officiating, game/practicing planning, scouting, sports history and working with young athletes.

DRIVERS EDUCATION

Drivers Education – Classroom – 7012Q1/7032Q2/7042Q3/7062Q4

Credit:	0.25			**Offered:**	One Quarter
Prerequisite:	**Student must have passed eight one-half credit courses the previous two semesters of school**				
Selection Criteria:	9	10		**Class designation:**	Regular
Status:	Elective				

Course description: Drivers Education is an automobile safety course that outlines the Secretary of State's Rules of the Road booklet and the Drive Right textbook. Students will obtain their instructional permit and perform the required behind-the-wheel lessons with a certified instructor. Class delivery will be lecturing, note taking, and group assignments. Illinois State Law requires 30 hours of classroom instruction.

Drivers Education – Behind the Wheel (BTW)

Credit:	0.25			**Offered:**	One Quarter
Prerequisite:	Pass Driver Education Classroom				
Selection Criteria:	9	10		**Class designation:**	Regular
Status:	Elective (students will be scheduled independently)				

Course description: The laboratory phase of Drivers Education places the student behind the wheel of a motor vehicle. Instruction is designed to use the mental skills gained in the classroom. It includes the recognition and use of gauges and devices while performing simple driving tasks. Lessons are designed to take a beginning student driver through simple car maneuvers, basic car control, small city traffic encounters plus special environment experiences. Students are expected to gain these skills and as many more as possible as both drivers and observers. Illinois law currently requires that each student driver spends a minimum of six clock hours behind the wheel. The intent of the total program is to put a qualified, educated driver on the road. ****The cost for behind the wheel sessions is $150.00.****

TRANSITION/CAREER EXPLORATION

SWiM - 4475/4476

Credit:	0.5 Per semester	**Offered:**	Full year
Prerequisite:	Open		
Selection Criteria:	9	**Class designation:**	Regular
Status:	Elective		

Course description: SWiM (Students With Motivation) is a one-year required course for Freshmen.This class is phase four of The Road to Steamer Nation. The areas that will be covered throughout the year include: transitional skills, asset building, digital tools, leadership, college and career readiness, mental wellness, character development, and growth mindset. ****REQUIRED OF ALL 9TH GRADERS****

Community Involvement /Career Exploration - 9600/9601

Credit:	0.5 Per semester	**Offered:**	Full year
Prerequisite:	Instructor approval and service site agreement. Students must maintain a C or higher in order to enroll in 2nd semester.		
Selection Criteria:	12	**Class designation:**	Regular
Status:	Elective		

Course description: This class provides students with the opportunity to explore areas of interest while providing them the opportunity to offer service to the community. Students must provide their own transportation if placement is off campus. Weekly signature sheets and journals are a required part of the class. Attendance, time management, and site supervisor evaluations will be a part of the overall assessment in the course. **Administration can remove a student from Community Involvement for lack of participation, inappropriate behavior, etc.**

INFORMATION TECHNOLOGY, BUSINESS & CONSUMER EDUCATION

Media Publications - 1313/1314

Credit:	0.5 Per semester	**Offered:**	Full year
Prerequisite:	Teacher Recommendation		
Selection Criteria:	10 11 12	**Class designation:**	Regular
Status:	Elective ***(Class can be taken more than once) (will fulfill 0.5 credit computer requirement)***		

Course description: This year-long course is designed to teach students how to capture and edit video for various events and projects throughout the school year. Students will create weekly highlight videos of major events as well as live stream and broadcast most home events. Students will learn to record, crop, edit, and produce a variety of different videos while learning basic and advanced concepts used in videography. In addition to regular class time, students will be required to put in time outside of class to film and live stream events, work on video projects, and solicit video board sponsorships.

Yearbook - 1348/1350

Credit:	0.5 Per semester	**Offered:**	Full year
Prerequisite:	Teacher Recommendation		
Selection Criteria:	9 10 11 12	**Class designation:**	Regular
Status:	Elective ***(Class can be taken more than once)***		

Course description: This year-long course is designed to teach students how to write, design, and lay out the school's yearbook. Students will learn basic and advanced concepts regarding digital photography. Precise writing, grammar, spelling, and vocabulary skills are emphasized in copy, headline, and caption writing. In addition, students will be required to attend events to take pictures and solicit advertising sponsorships. As a result, students will be required to put in time out of class. The class is designed for a student that is creative, highly motivated, can work independently, as well as work with others, and can work with a deadline. Due to the nature of this class, students cannot add this class at the semester.

Creative Technology - 6638

Credit:	0.5 Per semester	**Offered:**	One semester
Prerequisite:	Open		
Selection Criteria:	10 11 12	**Class designation:**	Regular
Status:	Elective ***(will fulfill 0.5 credit computer requirement)***		

Course description: This beginner-level course introduces students to computer science through hands-on projects in design, problem-solving, game creation, animation, and physical computing. Students will learn foundational coding skills and apply them to develop creative projects using block-based and text-based programming languages. In addition, students will experiment with physical computing, where they will program microcontrollers and sensors to interact with the physical world, creating interactive devices and systems.

AI, Machine Learning & Robotics - 6639

Credit:	0.5 Per semester	**Offered:**	One semester
Prerequisite:	Open		
Selection Criteria:	10 11 12	**Class designation:**	Regular
Status:	Elective ***(will fulfill 0.5 credit computer requirement)***		

Course description: This beginner-level course offers high school students an engaging introduction to computer science through the exploration of the design process, problem-solving, data management, robotics, and artificial intelligence (AI). Students will develop foundational skills in programming, learn how data impacts society, and experience the engineering design process when working with LEGO Mindstorms robots. In addition, students will explore the fundamentals of AI, including algorithms, decision-making, and pattern recognition, to understand how AI is used in everyday life.

S.T.E.A.M. 1 - 6640

Credit:	0.5 Per semester	**Offered:**	One semester
Prerequisite:	Open		
Selection Criteria:	10 11 12	**Class designation:**	Regular
Status:	Elective ***(will fulfill 0.5 credit computer requirement)***		

Course description: In this engaging, semester-long course, students will explore the fundamentals of 3D design and 3D printing, gaining hands-on experience in creating and producing their own projects. They will learn to use a Cricut for crafting intricate designs and personalized items. Additionally, students will delve into wood burning techniques to create unique art pieces. The course will also introduce drone technology, covering basic coding and operation.

S.T.E.A.M. 2 - 6641

Credit:	0.5 Per semester	**Offered:**	One semester
Prerequisite:	Open		
Selection Criteria:	10 11 12	**Class designation:**	Regular
Status:	Elective ***(will fulfill 0.5 credit computer requirement)***		

Course description: In this semester-long course, students will explore the fundamentals of 2D & 3D design using SketchUp, developing skills to create precise architectural and product designs. Students will also be introduced to beginner level coding via a graphics-based computer science program taught in Python, provided by Carnegie Mellon University, allowing students to grasp fundamental coding concepts while bringing their designs to life. Additionally, students will learn beginner animation techniques using Adobe Animate, enabling them to create engaging, animated stories. This course fosters creativity, technical proficiency, and collaboration, preparing students for future endeavors in design and technology while enhancing their problem-solving skills in a fun, interactive online environment.

Networking & Cybersecurity - 6650

Credit:	0.5 Per semester			**Offered:**	One semester
Prerequisite:	Open				
Selection Criteria:	10	11	12	**Class designation:**	Regular
Status:	Elective ***(will fulfill 0.5 credit computer requirement)***				

Course description: This semester-long course provides a foundational understanding of computer technology, covering hardware, software, networking, binary, hexadecimal, file compression, and cybersecurity. Students will learn to identify computer components, explore operating systems, and understand network basics. They will also master binary and hexadecimal conversions, practice file compression techniques, and gain insights into cybersecurity fundamentals, including threat identification and data protection. Through hands-on activities and theoretical lessons, students will build essential skills for troubleshooting and securing digital environments.

Exploring Computer Science – 6628

Credit:	0.5 Per semester			**Offered:**	One Semester
Prerequisite:	Open				
Selection Criteria:	9	10	11 12	**Class designation:**	Regular
Status:	Elective ***(will fulfill 0.5 credit computer requirement)***				

Course description: This project-based, semester-long course, will provide students with an introduction to the field of Computer Science. They will explore the fundamentals of the design process and problem-solving while learning to create functional applications (apps) and websites. Students will also gain essential physical computing and basic coding skills using Micro:bit and Raspberry Pi with a variety of hands-on, creative projects. This course is designed to give a broad overview of what the field of Computer Science offers and provides a solid foundation for students who may be interested in a career path within that field.

Sports Marketing – 6651

Credit:	0.5 Per semester			**Offered:**	One Semester
Prerequisite:	Open				
Selection Criteria:	9	10	11 12	**Class designation:**	Regular
Status:	Elective				

Course description: This semester-long course will give students an in-depth look at how to market brands within the sports landscape, including research, endorsements, marketing sports products, and more. Students will also participate in a simulated internship throughout the semester and work as a marketing manager where they will set up and manage a service while minimizing the gaps between customer expectations and perceptions.

Social Media Marketing – 6652

Credit:	0.5 Per semester			**Offered:**	One Semester
Prerequisite:	Open				
Selection Criteria:	9	10	11 12	**Class designation:**	Regular
Status:	Elective				

Course description: This semester-long course will teach students key concepts and foundational theory in social media marketing, including social media for business, paid social media advertising, analytics, audits, and campaign planning. Students will enjoy hands-on learning through their participation in a simulated internship where students will create, optimize and analyze organic and paid social media posts.

Business Finance – 6690

Credit:	0.5 Per semester			**Offered:**	One Semester
Prerequisite:	Open				
Selection Criteria:	9	10	11 12	**Class designation:**	Regular
Status:	Elective				

Course description: Through a combination of coursework and their participation in a simulated internship role, students will gain experience forecasting operating income, calculating break-even points, and selecting ideal investments and promotions. During this semester-long course, students will also answer relevant questions from simulated coworkers and customers to deepen their understanding of key finance concepts.

Accounting – 6591

Credit:	0.5 Per semester				**Offered:**	One Semester
Prerequisite:	Open					
Selection Criteria:	9	10	11	12	**Class designation:**	Regular
Status:	Elective					

Course description: During this semester-long course students will act as an entrepreneur starting a new business. They will apply foundational accounting concepts while running their fictional business. Using an online simulation, students will make journal entries and prepare financial reports, helping them learn to analyze business decisions and understand the various phases of the accounting cycle.

Supply Chain Management – 6653

Credit:	0.5 Per semester				**Offered:**	One Semester
Prerequisite:	Open					
Selection Criteria:	9	10	11	12	**Class designation:**	Regular
Status:	Elective					

Course description: In this semester-long course, students will learn key supply chain concepts, how to allocate inventory among retailers, methods of controlling production costs, and how international regulations and tariffs affect the supply chain. Throughout the semester, students will take part in a simulated internship as a logistics specialist where they will work to build a strong supply chain.

Graphic Arts – 6645

Credit:	0.5				**Offered:**	One semester
Prerequisite:	Open					
Selection Criteria:	9	10	11	12	**Class designation:**	Regular
Status:	Elective ***(will fulfill 0.5 credit computer requirement)***					

Course description: This course is designed to help students learn the basic elements and principles of design and gain a working knowledge of Adobe Photoshop. Photoshop is a diverse program with many features designed to help the user create visual images or fine-tune photographic work. This class will explore many techniques that one can use in creating digital art. Students will create artistic images, edit/enhance digital images, correct flaws, and create digital art projects.

Consumer Education - 6462

Credit:	0.5				**Offered:**	One Semester
Prerequisite:	Open					
Selection Criteria:	11	12			**Class designation:**	Regular
Status:	Required for graduation					

Course description: Consumer education prepares students for education beyond high school or entering the workforce. Financial literacy and independence are stressed throughout the course. Students will learn how to budget, save, spend wisely, avoid debt, and give. They will develop an education and career plan that will help them obtain and grow their income over time while understanding how to make their money work for them. They will learn to manage financial risk through various types of insurance and begin to make smart financial decisions.

FOREIGN LANGUAGE

Spanish 1 - 5071/5072

Credit:	0.5 Per semester				**Offered:**	Full year
Prerequisite:	C or above in the last ELA course taken					
Selection Criteria:	9	10	11	12	**Class designation:**	Regular
Status:	College Prep					

Course description: Spanish I is the first in a series of courses for students who wish to use Spanish as a means of communication, both oral and written. In addition to learning to understand and to say in Spanish many of the things students say in everyday English and to read and write elementary Spanish, students will gain information about the culture of the people whose language is being studied. This course is designed for beginning Spanish speaking students. Students who are already proficient in Spanish may request to take the course or take courses out of sequence if they can demonstrate proficiency.

Spanish 2 - 5091/5092

Credit:	0.5 Per semester	**Offered:**	Full year
Prerequisite:	Spanish I with a "C" average and consent of instructor		
Selection Criteria:	10 11 12	**Class designation:**	Regular
Status:	College Prep		

Course description: Spanish II is a continuation of Spanish I. As in Spanish I, the development of the four language skills – listening, reading, writing, and speaking – is emphasized. Reading selections are used to encourage oral conversation, reading comprehension, and enhance writing skills. Art, history, geography, and culture are included. Projects may be used as assessments during the course of the year, as well as traditional testing.

Spanish 3 & 4 - 5221/5222

Credit:	0.5 Per semester	**Offered:**	Full year
Prerequisite:	Spanish II or III with a "B" average and consent of instructor		
Selection Criteria:	11 12	**Class designation:**	Regular
Status:	Elective (Can take this class for two consecutive years)		

Course description: As an advanced and challenging course, Spanish III & IV continues to elaborate upon previously developed reading, writing, speaking, and listening skills. History, geography, art, literature, and culture play an important role at this level. Projects will be used as assessments along with traditional testing. ***This course may be taken for two consecutive years.*** A revolving curriculum will be used for new material to be covered all four semesters.

FAMILY & CONSUMER SCIENCE

Nutrition – 6410 *Discontinued 2021-22*
Beginning Clothing – 6322/6325 *Discontinued 2021-22*
Beginning Foods – 6252/6282 *Discontinued 2023-24 (See Agriculture)*
Advanced Foods – 6290/6292 *Discontinued 2023-24 (See Agriculture)*
Parenting- 6406 *Discounted 2025-26*
Child Growth and Development- 6407 *Discounted 2025-26*

MUSIC & DRAMA

Band – 8011/8012

Credit:	0.5 Per semester	**Offered:**	Full year
Prerequisite:	Instrument Placement		
Selection Criteria:	9 10 11 12	**Class designation:**	Regular
Status:	Elective ***(Class can be taken more than once)***		

Course description: This is a year-long course that explores instrumental music from a wide variety of cultures and time periods through study and performance. The core curriculum emphasizes the basics of instrumental technique, sight-reading, music theory, and music history. Students in band are expected to participate in performances throughout the school year as part of their grade. Opportunities to participate in extracurricular instrumental music groups and events will also be available. Prior experience playing an instrument is required . The band will take a trip every four years.

Choir – 8031/8032

Credit:	0.5 Per semester	**Offered:**	Full year
Prerequisite:	Voice Placement		
Selection Criteria:	9 10 11 12	**Class designation:**	Regular
Status:	Elective ***(Class can be taken more than once)***		

Course description: This is a year-long course that explores choral music from a wide variety of cultures and time periods through study and performance. The core curriculum emphasizes the basics of vocal technique, sight-reading, music theory, and music history. Students in choir are expected to participate in performances throughout the school year as part of their grade. Opportunities to participate in extracurricular vocal music groups and events will also be available. An audition is not required, but voice placement will determine placement in the appropriate vocal section. The choir will take a trip every four years.

Drama - 1352

Credit:	0.5			**Offered:**	One Semester
Prerequisite:	Open				
Selection Criteria:	10	11	12	**Class designation:**	Regular
Status:	Elective				

Course description: The course is an introductory overview of the field of drama emphasizing its general areas and creating an appreciation and understanding of drama. The course covers assignments that deal with acting, makeup, costumes, stage movement, and directing. If time permits, other units might cover lighting, sets and production. Drama involves a lot of class participation; most assignments will be done with other students. At the end of one semester of drama, students will be confident when getting in front of an audience

ART

Beginning Art I – 9010

Credit:	0.5 Per semester				**Offered:**	One Semester
Prerequisite:	Open					
Selection Criteria:	9	10	11	12	**Class designation:**	Regular
Status:	Elective					

Course description: Beginning Art courses focus on basic skills, techniques, and media. The goal is to give students a well rounded introduction to art. Drawing and painting are introduced in the first semester with projects exploring still life, portraits and color theory. Students will be required to bring with them a 9 x 12 sketchbook

Beginning Art II – 9020

Credit:	0.5 Per semester				**Offered:**	One Semester
Prerequisite:	Open					
Selection Criteria:	9	10	11	12	**Class designation:**	Regular
Status:	Elective					

Course description: Beginning Art courses focus on basic skills, techniques, and media. The goal is to give students a well rounded introduction to art. Second semester will touch on drawing and painting but focus on basic sculpture and mixed media techniques with projects exploring clay, printmaking and other media. Students will be required to bring with them a 9 x 12 sketchbook

Advanced Art I – 9030

Credit:	0.5 Per semester			**Offered:**	One Semester
Prerequisite:	Pass BOTH Beginning Art courses with a C or better				
Selection Criteria:	10	11	12	**Class designation:**	Regular
Status:	Elective				

Course description: Students will build on their artistic foundation by exploring more advanced techniques and media. This course will focus on the artistic process and taking original ideas and seeing them through to finished artwork. Project media will be driven by student interest. First semester will focus on drawing and painting. Students are required to bring a 9x12 sketchbook.

Advanced Art II – 9035

Credit:	0.5 Per semester			**Offered:**	One Semester
Prerequisite:	Pass BOTH Beginning Art courses with a C or better				
Selection Criteria:	10	11	12	**Class designation:**	Regular
Status:	Elective				

Course description: Students will build on their artistic foundation by exploring more advanced techniques and media. This course will focus on the artistic process and taking original ideas and seeing them through to finished artwork. Project media will be driven by student interest. Second semester will include sculpture and student choice of media. Students are required to bring a 9x12 sketchbook.

Independent Art - 9041/9042

Credit:	0.5 Per semester	**Offered:**	Full year
Prerequisite:	Pass BOTH Advanced Art courses with a B or better and instructor's permission		
Selection Criteria:	11 12	**Class designation:**	Regular
Status:	Elective (Class can be taken than once)		

Course description: This is the highest level of art that can be taken. Students will independently work on artwork in a media that they choose. Students will be required to create a contract outlining four works of art per quarter, due dates and goals for each project. Students will participate in a portfolio review at the end of each semester. Students will end their year by creating a portfolio they can use for college entrance.

AGRICULTURE FOOD PROCESSING

Basic Food Processing- 6841/6842 (*formerly Beginning Foods)*

Credit:	0.5 Per semester	**Offered:**	Full year
Prerequisite:	Must Pass semester 1 to continue with semester 2		
Selection Criteria:	9 10 11 12	**Class designation:**	Regular
Status:	Elective		

Course description: This course will impart the knowledge and skills needed to bring animal and plant products to the market. It will cover a wide variety of topics including care and maintenance of animals or plants, quality selection and preservation, equipment care and sanitation, government regulations, and marketing and consumer trends. This course may present an overview of agricultural processing or may specialize in particular types of products. Participation in FFA student organization activities is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

Plant Processing- 6843

Credit:	0.5 Per semester	**Offered:**	One Semester
Prerequisite:	Basic Food Processing with a "C" average		
Selection Criteria:	10 11 12	**Class designation:**	Regular
Status:	Elective		

Course description: This course will impart the knowledge and skills needed to bring plant products to market. They may cover a wide variety of topics, including plant production, quality selection and preservation, equipment care and sanitation, government regulations, and marketing and consumer trends. Plant Processing courses may present an overview of product processing or may specialize in specific plant products. 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 Processing- 6844

Credit:	0.5 Per semester	**Offered:**	One Semester
Prerequisite:	Basic Food Processing with a "C" average		
Selection Criteria	10 11 12	**Class designation:**	Regular
Status:	Elective		

Course description: This course will equip students with the knowledge and skills needed to bring animal products to market. A wide range of topics may be covered including animal care and maintenance, quality selection and preservation, equipment care and sanitation, government regulations, and marketing and consumer trends. This course will provide an overview of several types of animal products such as meat, leather, wool, dairy products, and so on. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects are an integral course component for leadership development, career exploration, and reinforcement of academic concepts.

AGRICULTURE BUSINESS

Agricultural Business Management- 6854

Credit:	0.5 Per semester	**Offered:**	One Semester
Prerequisite:	None		
Selection Criteria	10 11 12	**Class designation:**	Regular
Status:	Elective		

Course description: This course will develop students' understanding of the agricultural industry relating to the United States and World marketplace. Instructional units include: business ownership types, planning and organizing the agribusiness, financing the agribusiness, keeping and using records in an agribusiness, operating the agribusiness, agricultural law, taxes, and developing employability skills. Student skills will be enhanced in math, reading comprehension,and writing through agribusiness applications. 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.Students enrolled in this course will also manage the business side of the Steamer Suite.

Agricultural Sales and Marketing- 6855

Credit:	0.5 Per semester	**Offered:**	One Semester
Prerequisite:	Agricultural Business Marketing with a “C” average		
Selection Criteria	10 11 12	**Class designation:**	Regular
Status:	Elective		

Course description: This course is designed to develop student knowledge and skills in Agricultural Sales, Agribusiness Marketing, and Commodity Marketing. Instructional units include agricultural economic principles, marketing, and advertising, product development, sales techniques and strategies, communicating with employees and customers, managing risk, international agribusiness, and studying various agricultural companies and career opportunities.Computer software applications and the Internet will be integrated through data management, inventories, and accounting. Student skills will be enhanced in math, reading comprehension, communications, and writing through agribusiness applications. Improving computer and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects are an integral course component for leadership development, career exploration, and reinforcement of academic concepts.

AGRICULTURE TECHNOLOGY

Basic Agricultural Mechanics – 6113/6114 *(formerly Construction Trades 1)*

Credit:	0.5 Per semester	**Offered:**	Full year
Prerequisite:	Open		
Selection Criteria:	9 10 11 12	**Class designation:**	Regular
Status:	Elective		

Course description: 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 shop safety, hand and power tool knowledge, fasteners, basic fundamentals of maintaining and repairing small gasoline engines, basic electricity, basic plumbing, concrete, welding, construction, 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.

Advanced Agricultural Construction – 6115/6116 (*formerly Construction Trades 2)*

Credit:	0.5 Per semester	**Offered:**	Full year
Prerequisite:	Basic Ag. Mechanics		
Selection Criteria:	10 11 12	**Class designation:**	Regular
Status:	Elective		

Course description: Advanced Agricultural Construction courses include an integrated way to learn geometry through the application in construction. The structural concepts within the course are organized to complement the skills and the knowledge learned in geometry lessons. Students will experience working days on a job site or technical project, as well as classroom experiences, focused on the development and review of geometry concepts. On working days, students will collaborate to build anything from sawhorses and modular furniture to manufactured housing and tiny homes. The course will provide students the opportunity to immediately apply what they are learning about geometry to their projects and buildings. 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.

Advanced AMA- Structures– 6117/6118 *(formerly Construction Trades 3)*

Credit:	0.5 Per semester	**Offered:**	Full year
Prerequisite:	Advanced Agricultural Construction and Instructor signature		
Selection Criteria:	11 12	**Class designation:**	Regular
Status:	Elective		

Course description: Advanced AMA—Structures courses focus on an integrated way to learn geometry through application in construction. The structural concepts within the course are organized to compliment the skills and knowledge learned in geometry lessons. Students experience working days on a job site or technical project, as well as classroom experiences focused on development and review of geometric concepts. Students will collaborate to build projects from sawhorses and modular furniture to manufactured housing and tiny homes. The course will provide students the opportunity to immediately apply what they are learning about geometry to their projects and buildings. 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 Welding – 6315 *(formerly Welding 1)*

Credit:	0.5	**Offered:**	One semester
Prerequisite:	Basic Ag. Mechanics		
Selection Criteria:	10 11 12	**Class designation:**	Regular
Status:	Elective		

Course description: This course will emphasize the development of basic welding skills necessary to succeed in the agricultural metal fabrication industry. Topics of instruction include welding safety, metal identification and properties, joint design and terminology, metal preparation, use of oxyacetylene torch, Stick Metal Arc Welding (SMAW) focusing on the flat and horizontal position, Gas Metal Arc Welding (GMAW), project design and construction. Suggested electrodes for this course are E6013 and E6011. 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 career exploration and reinforcement of academic concepts.

Advanced Agricultural Welding– 6316 ***(****formerly Welding 2)*

Credit:	0.5	**Offered:**	One semester
Prerequisite:	Agricultural Welding and approval of instructor		
Selection Criteria:	10 11 12	**Class designation:**	Regular
Status:	Elective	**Possible College Credit through SVCC**	

Course description: Advanced Agricultural Welding focuses on the development of advanced welding and metal fabrication techniques utilized within the agricultural industry. Topics of instruction may include welding safety, technical drawings & blueprint reading, welding symbols, welding discontinuities and failures, destructive testing, nondestructive examination, equipment setup, metal preparation, pipe welding, cutting processes, oxy fuel cutting/welding, shielded metal arc welding, gas metal arc welding, flux cored arc welding, and gas tungsten arc welding processes. Suggested welding positions are flat, horizontal, vertical down, and vertical up. Electrodes taught and used may include E6010, E6011 and E7018. This course should be aligned with an industry-recognized credential. Upon successful completion, it is suggested students receive an industry certification or dual credit through a local accredited institution. Improving workplace skills will be a focus in this course. 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. **Students can earn 2 credits for WLD 106 through Sauk Valley Community College by completing this course.**

Agricultural Metal Fabrication– 6317

Credit:	0.5	**Offered:**	One semester
Prerequisite:	Advanced Agricultural Welding and approval of instructor		
Selection Criteria:	11 12	**Class designation:**	Regular
Status:	Elective		

Course description: This course will concentrate on expanding student's knowledge and experiences with agricultural mechanics technologies utilized in the agricultural industry. Units of instruction included are design, construction, fabrication, maintenance, welding, electricity/electronics, internal combustion engines, hydraulics, and employability skills, Careers of agricultural construction engineers, electrician, plumber, welder, equipment designer, parts manager, safety inspector, welder, and other related occupations will be examined. Improving workplace skills will be a focus in this course. 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 Engineering - 6221/6222 *(formerly Computer Aided Design & Manufacturing CAD/CAM)*

Credit:	0.5 per semester	**Offered:**	Full Year
Prerequisite:	Open		
Selection Criteria:	10 11 12	**Class designation:**	Regular
Status:	Elective		

Course description: Throughout the course, students apply technical and engineering skills while becoming competent in the processes used to operate, repair, engineer, and design agricultural structures, engines, and equipment. Students practice technical skills including reading prints, troubleshooting machines, documenting an engine teardown and assembly, reading schematics, building simple machines, using hydraulics, researching machine replacement parts, and calculating production efficiencies. The engineering portion of the course includes prototype development, computer aided design (CAD), 3D printing, documentation of machine processes, machine automation and programming, testing designs for structural integrity, and calculating machine speed and power. 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.

Agribusiness Independent Study – 6211/6212

Credit:	0.5 Per semester	**Offered:**	Full year
Prerequisite:	Instructor approval		
Selection Criteria:	12	**Class designation:**	Regular
Status:	Elective		

Course description: Courses in Agribusiness Systems Independent Study, often conducted with instructors as mentors, enable students to explore topics of interest related to agribusiness. Independent Study courses may serve as an opportunity for students to expand their expertise in a particular application, to explore a topic in greater detail, or to develop more advanced skills. 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.

Supervised Agriculture Experience (SAE)- 6891/6892

Credit:	0.25 Per semester	**Offered:**	Full year
Prerequisite:	Open		
Selection Criteria:	9 10 11 12	**Class designation:**	Regular
Status:	Elective, Must be enrolled in other agriculture classes		

Course description: . Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects are an integral course component for leadership development, career exploration, and reinforcement of academic concepts. This course also gives student public speaking experience . This is through Ag in the Classroom presentation to FES, RBMS and FHS.

SPECIAL EDUCATION

Secondary Resource (9-12)

Credit:	To Be Determined
Prerequisites:	**Active Individualized Education Program (IEP) on file.**
Selection criteria:	FR SO JR SR
Class designation:	Remedial
Status:	Elective and/or required

Course description: Students who have difficulty achieving success in a regular education classroom setting can benefit from the resource room services and Co-taught classes. These services and classes are provided on an individualized basis according to their IEP. A teacher, parent, or student may make a referral to the building principal. Testing is required to determine eligibility.

Students can receive small group instruction in these settings. The programs for IEP students are designed for the student to experience academic success. The subjects taught can vary. *Students will work with their assigned case managers on the proper placement into the appropriate classes.*

WHITESIDE AREA CAREER CENTER - DUAL ENROLLMENT

Any student wishing to enroll at WACC must be registered at one of the nineteen member high schools and must be 16 years of age.

Prerequisites: The following is a general list for attendance at WACC.

1. 1.75 (C-) cumulative grade point average GPA.
2. All credit up-to-date by the end of the current year (on track to graduate with their class).
3. No more than 10 day absence in any given year (major illness excluded).
4. A disciplinary record showing no excessive detentions or suspensions from school.
5. Only juniors and seniors are allowed to attend Whiteside Area Career Center.
6. All students must turn in an application if they wish to attend WACC even if they are currently attending WACC. All applications should be returned to the guidance office.

Recommended Student Criteria: All WACC programs have required lab work that is a critical component of student learning and student assessment. A school wishing to enroll a student who does not meet the recommended criteria for a WACC program must participate in a scheduled meeting with WACC staff to discuss student accommodations prior to the student's enrollment.

Allied Health - 6701L/6702L

One-year program offered to junior and senior students that are interested in pursuing a career in various medical fields. First semester, students are in the classroom three days per week and at clinical sites two days per week. Students participate in up to three clinical sites throughout the school year. Clinical sites include, but are not limited to, hospitals, clinics, long-term care facilities, chiropractors, veterinary clinics, physical therapists, etc. Students can practice in different areas of the medical field, such as Maternal- Child Nursing, Geriatrics, Emergency Nursing, Radiology, Dental Medicine, Veterinary Science, and more. Second Semester, students will take a Phlebotomy Certification course. Students would complete the clinical portion of this class in a health care lab setting. Students will also take an entrance exam prior to enrolling.

***Pathway Components*: 3 Dual Credits with SVCC**: NRS116 - Medical Terminology, Potential Phlebotomy Certification, team- based challenges, clinical experience hours, and career exploration activities
***Prerequisites*:** Students will be required to participate in an internship two days per week first semester. Therefore, a student who enrolls in Allied Health that is not a C.N.A. must be able to transport him or herself to internship sites. Students must have updated immunizations, including a flu shot and TB test, and adhere to all clinical site requirements relative to COVID mitigation, to include proof of COVID vaccination if required.

Automotive Technology - 6701A/6702A and 6701H/6702H

One or two-year program offered to junior and senior students. First year students will be building basic repair skills including shop safety, introduction to automotive careers, lubrication and maintenance, brakes, suspension/steering, basic engine operation, exhaust systems, and engine cooling. Second year students will learn differential operation, advanced braking, advanced suspension/steering, automotive electrical systems, starting and charging systems, computer controls, fuel injection, transmission and clutch theory and operations, 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.

Prerequisites: 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.
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.

Building & Construction Trades - 6701K/6702K and 6701R/6702R

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.

Expectations: 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 should be prepared to work in all weather conditions including (ie: cold weather, hot weather, mud, snow, ice). Students will need to have work boots, appropriate clothing, and are required to bring their own hand tools as outlined on the Materials and Fees schedule.

CEO (Creating Entrepreneurial Opportunities) - 6701W/6702W

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
Prerequisites: All students interested in enrolling in the WACC CEO class must complete an application which can be found at www.wacc-ceo.com. Any questions can be directed to 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.

Computer Technology

One- or two-year program open to juniors and seniors who want to work with repair, networking, programming, web and application development of computers and portable devices. Qualified students will acquire the stills to potentially pass the CompTIA A+, Network+, Cisco Certified Support Technician (CCST) Networking certification program, CCST Cybersecurity certification program, and the Unity Game Design Certification Drone Pilot Certification and possible internship opportunities will be offered to qualified second- year students. Students will also be given the option to purchase their own personal starter computer build to complete in class. The CCST Networking certification is a first step toward CCNA certification. This certification validates an individual's skills and knowledge of entry-level networking concepts and topic. It demonstrations foundational knowledge and skills needed to show how networks operate, including the devices, media, and protocols that enable network communications. The CCST Cybersecurity certification validates an individual's skills and knowledge of entry-level cybersecurity concepts and topics, including security principles, network security, and endpoint security concepts, vulnerability assessment and risk management, and incident handling. This certification is also a first step toward CyberOps Associate certification.
12 Dual Credits with SVCC possible: CIS 151-Networking Certification, CIS 167-A+ Certification, CIS 197-Security + Certification, CIS 250-Beginning Linux (3 credits per course)
Recommended Student Criteria: Students enrolled in Computer Technology will be required to stand, stoop, kneel, crouch and reach while performing typical computer repair work; have hand-eye coordination; handle or feel objects, tools or controls; lift and/or move objects and materials of up to 50 pounds in weight.

Cosmetology - 6701P/6702P

One-year program available to juniors and seniors. Students will explore several aspects of cosmetology. The curriculum includes but is not limited to: theory and practice hours in hair, nails, skin, business basics and effective communication. This course takes place at Educators of Beauty. After completing this program, students will be considered for financial incentives that are available for students who chose to return to Educators of Beauty for their 12-month program following high school graduation.

Criminal Justice - 6701E-6702E

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

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

Early Childhood Education - 6701M/6702M and 6701S/6702S

One- or two-year program offered to junior and senior students. This course is designed to provide students interested in the development of children and a career involving children with a basic knowledge and understanding of children and their physical, mental, and emotional development. Broad areas of emphasis include: development of the child from conception through preschool age, the family and its role, nutritional and emotional needs of the children, the role of parents, educational and creative activities for children, childhood illnesses, learning disabilities, and the exploration of human services and education-related careers. First year students will work on a weekly basis with children at our on-site laboratory called “Kiddie Kampus Preschool”. Second year students will work with a cooperating teacher at a work-based learning site for three days a week throughout the school year. This work-based learning site could be a daycare center, home day care, preschool program, elementary school, or a location specific to a students’ career interest. (i.e.: special education, speech teacher, reading specialist, social worker, child life specialist)

Pathway Components: Level 1 Gateways Certificate, 3 Dual Credits available with SVCC for 2nd year students: EDU105- Preparing Careers in Education (2 credits), EDU276-Clinical Experience in Education (1 credit), team-based challenges, clinical experience hours, and career exploration activities

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

Digital Media Arts - 6701G/6702G and 6701U/6702U

One- or two-year program offered to juniors and seniors. This course is for students eager to explore the world of digital media and entrepreneurship. This hands-on program equips students with essential skills in graphic design, photography, video & sound production, digital drawing, motion graphics, animation, and interactive media design including gaming and website design. Coursework includes learning camera control, lighting, composition, file management, and image manipulation for digital photography, along with video editing techniques for film, TV, and web. Students will also dive into 2D, 3D, and practical animation styles, as well as web and app and website creation, with a focus on technical skills, visual storytelling, social impact, and ethics. Students will also be introduced to digital drawing techniques, composition tools, color theory and the effective use of social media. Second year students can choose to work on a capstone project, including projects for businesses or organizations. Qualifying WACC students may earn up to 12 college credits taking the Digital Media Arts class.

12 Dual Credits possible with SVCC: MCC 103-Digital Photography, MCC 105-Motion Graphics, MCC 236-Film and Video, MCC 238-Interactive Media Design (3 credits per course)

Culinary Arts - 6701B/6702B and 6701V/6702V

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 2nd year students.

3 Dual Credits with Kishwaukee College: HOS103 – Intro. To Hospitality
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. Personal hygiene, daily showering and personal cleanliness (hair, body, clothes) are required in accordance with the local county health department to prevent cross-contamination.

Health Occupations CNA - 67010D/6702D

One-year program offered to junior and senior students, who are at least 16 years of age and are interested in pursuing a career in the medical field. Upon completion of the Illinois Department of Public Health (IDPH) requirements, the students will be eligible to take the State Certified Nursing Assistant exam at the end of the school year. The students must meet the following criteria to be successful in Health Occupations: 1) Achieve a C or better each quarter throughout the year on the coursework, 2) Be competent at the 21 skills in the laboratory and at the clinical site, 3) Have excellent attendance throughout the school year, 4) Pass the criminal background check, and 5) Pass an entrance exam. Students must have an outstanding work ethic, be self-motivated, and take initiative to be successful in Health Occupations. This is a state regulated program that requires students to spend 80 hours of theory and 40 hours of clinical time working with patients.

Pathway Components: **8 Dual Credits with SVCC**: NRS101-Basic Nursing Assistant, NRS103-Advanced Nursing Assistant (4 credits per class), team-based challenges, clinical experience hours, and career exploration activities
Prerequisites: The Health Occupations program prepares students to become a Certified Nursing Assistant. Students must have updated immunizations including a flu shot and TB test, and adhere to all clinical site requirements relative to COVID mitigation, to include proof of COVID vaccination if required. Student must be able to lift 50 pounds as it is a state mandated CNA skill to perform a two person lift on residents who are 119 pounds or less.

Welding, Machining, and Manufacturing Technology - 6701J/6702J and 6701Q/6702Q

One- or two-year program offered to junior and senior students. Welding, machining, CAD principles along with fabrication skills will be taught through hands-on experiences. Topics include:

- Welding processes - (Stick, Oxyacetylene, Mig, Tig, Plasma cutting, and OAW cutting)
- Machine operations – (Lathes, Mills, Surface and Bench Grinders, Shear, Band Saw, Pipe cutters, etc.)
- AutoCAD - Computer aided drafting program (2D Wire Frame)
- Blueprint reading and Weld Symbols

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

- Welding processes – (Structural welds, Pipe welds, Flux cored welding)
- Machine operations – (CNC and manual Machining)
- Programming – (Setup and operation of CNC Plasma Table)
- Fusion 360 – Computer aided drafting program (3D Modeling and CAM)
- Product design and development
- Internship at manufacturing site

Pathway Components: **10 Dual Credits with SVCC:** IND 106-Intro to Welding (2 credits), IND 108-Intro to CAD (2 credits), IND125-Machining and Manufacturing Processes (3 credits), IND203-Advanced Machining and Manufacturing Processes (3 credits), team-based challenges, clinical experience hours, and career exploration activities.
Recommended Student Criteria: Students enrolled in Welding and Manufacturing Technology will be required to work in a machine/welding shop approximately 75% of the time while at WACC. Students must be able to work in the confines of a welding booth (3'x 4'), have the ability to lift 40 pounds, must be able to stand for an hour and forty-five minutes, and must have the strength and mobility to operate machines such as lathes, grinders, and welding torches.
Prerequisites: Welding 2 students will be required to participate in an internship four days per week during second

semester.Therefore, students that enroll in Welding 2 must be able to transport him or herself to various internship sites.

MORRISON TECH - DUAL ENROLLMENT

Morrison Tech

Fulton High School offers juniors and seniors the opportunity to take two dual enrollment courses each year through Morrison Tech (MIT) in Morrison, Illinois. Students taking these courses will earn FHS credit, as well as credit from MIT. **Cost per MIT course is between $100-$300, plus the cost of a textbook and any other course materials that are required.** There are 2 programs of study at Morrison Tech, 1) Engineering Technology and 2) Network Administration. Students are transported each day first block to MIT where they can complete the following classes:

ENGINEERING TECHNOLOGY

DT108 - Principles of Engineering: Projects and Concepts – First Semester
A project driven course that will introduce students to aspects of the different engineering technology fields, including mechanical, construction and civil engineering. students will work in individual and group settings to complete a variety of projects including hands-on activities that reinforce topics they are studying. Skills that will be used include problem-solving, 3D Printing, robotics, teamwork, construction, and design.

DT114 – AutoCAD 1 – Second Semester
This course will provide an introduction to the use of Autodesk's AutoCAD software package. It will present all basic 2D and 3D commands used for drawings, editing, display controls, layering, dimensioning, and plotting. It will also provide coverage of entity properties and handing and utilities.

DT222 – 3D Modeling – Third Semester
This course covers 3D elements of the Autodesk software including the use of parametric solid modeling and surfacing, assembly modeling, creating 3D digital prototypes, and 2D orthographic development from 3D drawings.

DT213 – Architectural CAD – Fourth Semester
This course uses AutoDesk's AutoCAD Architectural software package to create 3-dimensional models of multi-story commercial structures. The course includes topics such as creating walls, roof construction, door and window insertion, casework, symbols, schedules, stairs, documentation, 2D working drawings, and 3D presentation drawings.

NETWORK ADMINISTRATION

NET160 – Operating Systems I – First Semester
An introduction to Windows desktop and server operating systems including all currently supported versions. Course content will include OS Architecture, planning and installation, network components, configuring, planning, optimization, managing, and troubleshooting. Students will gain hands-on experience through various installation and configuration exercises.

NET110 - Computer Hardware – Second Semester
An introduction to the modern-day PC, operating systems, and the responsibilities of an IT technician. The course content covers material required for the CompTIA a+ certification, including motherboards, memory, processors, input devices, storage devices, output devices, basic operating systems, troubleshooting, and configurations. Students will gain hands-on experience through various installation and configuration exercises.

NET120 – LAN Based Equipment & Design – Third Semester
An introduction to Linux operating systems and common server software. Instructional topics will include planning and installation, OS Architecture, configuring, managing, security, storage, database servers, web servers, DNS servers, preventative maintenance, and administration. Students will gain hands-on experience through various installation and configuration exercises.

NET170 – Operating Systems II – Fourth Semester
An introduction to network design fundamentals. The course design is based on the CompTIA Network+ topics including OSI reference model, LAN topologies, cabling systems, protocols, network design and planning, security, IP Addressing and subnetting, and LAN-based equipment. Students will gain hands-on experience through various wiring

exercises.

DUAL CREDIT

Sauk Valley Community College

EDU 105- Prep for Careers in Education
This course introduces the student to licensure standards, course sequences, and skills required for education majors. Students will be introduced to the Illinois Professional Teaching Standards and will become familiar with the roles and responsibilities of teachers and the dispositions of effective teachers. Students will be exposed through observation activities to varying grade levels/ classrooms with the purpose of aiding in choosing the correct licensure path. 2 Semester hour(s).

Sauk Valley Community College – Synchronous Dual Credit Block

Semester 1
ENG 101 - Composition I
A basic course in essay writing with emphasis on exposition, ENG 101 stresses knowledge and application of the rhetorical modes. ENG 101 presupposes competence in grammar, usage, and mechanics. *Prerequisite:* ACT standard score in English of 22 or above; suitable scores on the current English placement test, or a grade of C or higher in ENG 099. 3 Semester hour(s).

PSY 103 - Introduction to Psychology
This course is designed to introduce the student to major concepts, theories, principles, and research in the field of psychology. This course will survey the scientific study of human and animal characteristics and behavior. Major topics from biological, behavioral, cognitive, personality, developmental, abnormal, and social psychology theory and research will be emphasized. Universal characteristics and individual differences will be explored. 3 Semester hour(s).

Semester 2
ENG 103 - Composition II
An advanced course in essay writing with emphasis on formal research, ENG 103 serves to develop a proficiency in the collection and selection of data as applied to the completion of a formal research paper. In addition, students receive instruction in logic and reasoning, including the fundamentals of argumentative and persuasive writing. *Prerequisite:* A grade of C or higher in ENG 101 or its equivalent. 3 Semester hour(s).

Clinton Community College

Fulton High School offers juniors and seniors the opportunity to take dual credit courses through Sauk Valley Community College and Clinton Community College. These are offered online and students are given a block within their schedule to work on assignments for dual enrollment courses.

Visit www.svcc.edu or www.eicc.edu for course offerings and information. If a student is interested in taking a dual enrollment course through Sauk or Clinton they need to stop in and see the high school counselor in order to find out how to register.

Cost per credit hour of a SVCC dual credit course is $119.25 ($357.75 for a 3 credit class) plus cost of a textbook and any other course materials that are required. The cost for a CCC 3 credit class is $360.00 plus the cost of a textbook and any other course materials that are required. The tuition price for SVCC is on a sliding scale for free and reduced lunch students. CCC does not have sliding scale tuition. Course costs are subject to change.

Western Illinois University

Fulton High School offers juniors and seniors who are interested in attending Western Illinois University (WIU), after graduation, the opportunity to take dual credit courses through WIU. These are offered online and students are given a block within their schedule to work on assignments for dual enrollment courses. The following courses will be offered to Fulton High School students through WIU's dual enrollment program:

English Comp I, English Comp II, Public Speech, Intro to Psychology, Intro to Sociology, World History I, World History II, Intro to Political Science, American Government & Political Science, Macroeconomics, Microeconomics, and Intro to Business.

WIU courses are approximately $318 each, plus the cost of a textbook and any other course materials that are

required. Course costs are subject to change.

DUAL CREDIT - General Education Core Curriculum Suggestions

The following list of courses are suggestions for students who are planning on taking Online Dual Credit courses, but not sure what courses to take or which ones will transfer to other colleges.

Sauk Valley Community College		EICC - Clinton Community College	
COMMUNICATIONS			
Composition I	ENG 101	Composition I	ENG 105
Composition II	ENG 103	Composition II	ENG 106
Intro to Oral Communication	COM 131	Public Speaking	SPC 112
MATHEMATICS			
College Algebra	MAT 121	College Algebra	MAT 121
Elementary Statistics	MAT 240	Statistics	MAT 156
PHYSICAL AND LIFE SCIENCE			
Introductory Biology 4 Cr.	BIO 103	Introductory Biology	BIO 105
Introductory Biology 3 Cr.	BIO 104	Survey of Physics I	PHY 110
Principles of Biology	BIO 105	Survey of Physics II	PHY 111
Intro to Physics	PHY 175		
General Chemistry I 5 Cr.	CHE 105 @ FHS		
General Chemistry II 5 Cr.	CHE 106 @ FHS		
SOCIAL AND BEHAVIORAL SCIENCE			
American History to 1865	HIS 221	US History to 1877	HIS 151
American History since 1865	HIS 222	US History since 1877	HIS 152
Intro to Psychology	PSY 103	Intro to Psychology	PSY 111
Intro to Sociology	SOC 111	Intro to Sociology	SOC 110
Principles of Macroeconomics	ECO 211	Principles of Macroeconomics	ECN 120
HUMANITIES AND FINE ARTS			
Introductory Humanities I	HUM 210	Humanities of the Modern World	HUM 137
Music Appreciation	MUS 201	Music Appreciation	MUS 100

For more information about course content go to:

Sauk Valley Community College - https://www.svcc.edu/catalog/2021-22/courses/index.html

DUAL ENROLLMENT - ACADEMIES

Dual Enrollment - Academy Options for upperclassmen.

Juniors and seniors interested in any of the academy options should contact the counseling department for more information about the academies and dual enrollment.

THE ACADEMY
SAUK VALLEY COMMUNITY COLLEGE

The **Academy at Sauk Valley Community College** provides high performing high school seniors access to the college experience by attending college classes full-time at SVCC. Admitted Academy participants work with an SVCC Academic Advisor to create an academic program plan tailored to meet their transfer needs based on an identified major and transfer schools. Additionally, Academy students will have the opportunity to develop their leadership skills and be involved in several service and cultural activities. The Academy at Sauk Applications needs to be completed and returned by February 1 of the student's junior year

EASTERN IOWA
COMMUNITY COLLEGES
CLINTON ♦ MUSCATINE ♦ SCOTT

Clinton Community College (EICC) offers eight career academy disciplines: **Advanced Manufacturing, Agriculture, Automotive, Construction, Culinary, Healthcare, Information Technology, Teacher Prep, and Welding.** Curricula will put high school students on the fast track to careers. Juniors and seniors who take the classes at Clinton Community College's Career Academies earn both high school and college credits for the classes. Most of the CCC classes are early in the morning, students will miss only the first or first two class periods at the high school. *Fulton High School Students may enroll if room permits. Iowa students will have the first option to fill the classes.*

REGISTRATION 2025-2026

NAME _____ GRADE _____

List the eleven (11) classes you wish to enroll in. Eight (8) requests and three (3) alternate classes.

Register your classes in the following order:

A. List all required courses that have been **failed.**
B. List required courses.
C. List electives in order of **PRIORITY.**
D. List 3 alternate choices in order of **PRIORITY.**

Include course numbers for all eleven (11) classes. List semester classes separately by semesters.

	SEMESTER 1		**SEMESTER 2**
Course #	**Course Title**	**Course #**	**Course Title**
1 _____	_____	1_____	_____
2 _____	_____	2_____	_____
3 _____	_____	3_____	_____
4 _____	_____	4_____	_____
5 _____	_____	5_____	_____
6 _____	_____	6_____	_____
7 _____	_____	7_____	_____
8 _____	_____	8_____	_____
1A_____	_____	1A_____	_____
2A_____	_____	2A_____	_____
3A_____	_____	3A_____	_____

_____ _____

Student signature **Parent signature**

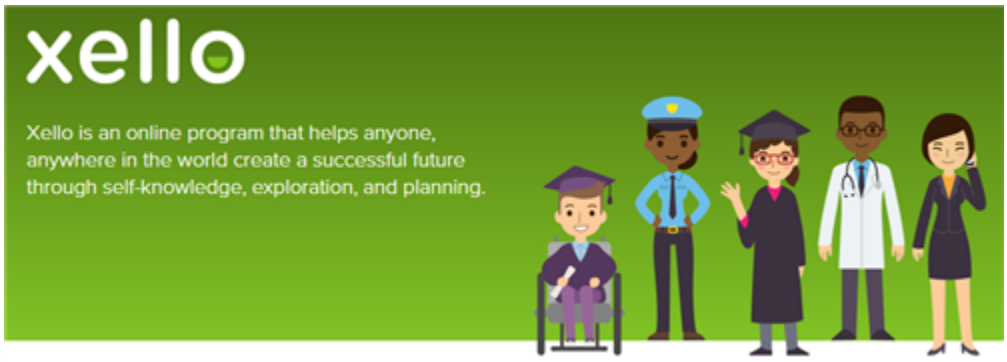
_____

Date

See "Course Listing 2025-2026"
Located in "FHS Counselor's Corner"
Under High School Planning

Need help choosing a career?
What are you interested in?
How does your Personality, Learning Styles and Skills relate to a career?
Wondering what High School classes will help you get to your career?
These questions and more can be explored and answered by using your **XELLO** account. This tool can help you get ready for High School and BEYOND!

login.xello.world Use your school email as your user name.



Visit **Counselor's Corner** located in the Fulton HS part of the River Bend Web Page for answers to your student services questions.