



Fulton High School

Course Handbook

2018-2019

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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. Most courses are graded on a 4.0 scale: 'A' (4 points); 'B' (3 points); 'C' (2 points); 'D'(1 point); 'F' (0 points).
- 8. WEIGHTED GRADES:** In an effort to acknowledge the effort that goes into challenging courses, all transferable dual credit and AP courses will be graded on a 5 point scale: 'A' (5 points); 'B' (4 points); 'C' (3 points); 'D' (1 point); 'F' (0 points). The weight of each subject is published in the course description section.
- 9. CLASS RANK:** A student's rank is based on cumulative GPA of all students in a class.
- 10. BLENDED LEARNING:** In certain situations, students will be learning material on our online delivery program, Illinois Virtual School (IVS) for credit recovery or for courses they may be missing. This is a formal educational program in which a student learns through online delivery of content and instruction, with some element of student control over time, path or pace. The course name and grade will be listed on the final high school transcript; these credits will be applied toward graduation.

DEFINITIONS (continued):

11. CREDIT RECOVERY: In order for a student to recover a credit from a class previously failed, a student may enroll in an online credit recovery class. The online credit recovery program will allow a student to work at his or her own pace to recover the lost credit. The course name and grade will be listed on the final high school transcript; these credits will be applied toward graduation.

GENERAL INFORMATION:

1. Before enrolling in Fulton 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 to help aid them with pre-registration.
3. Complete the pre-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.

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.

<u>COURSES</u>	<u>Credits/Years</u>
English	4.5
- Must include English each year and Speech (0.5)	
Math	3
Science	3
- One (1) credit of a Earth or Physical Science	
- One (1) credit of a Living Science	
Social Science	3
- One (1) credit of World History (10 th gr.)	
- One and One-Half (1.5) credit U.S. History	
- One-half (0.5) credit Civics	
Introduction to Computers	1
Consumer Education	0.5
Physical Education/Health/Safety	4*
- Must be enrolled every semester *	
- Includes One-half (0.5) credit of Health	
- Includes Driver Education (0.25 Class and 0.25 BTW)	
Required	19
<u>Elective</u>	<u>9</u>
<u>TOTAL</u>	<u>28</u>

* Students waiving out of P.E. for band, medical reasons, athletics (3 sport athletes for the entire year), 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 and Driver Education also count toward Physical Education/Health/Safety.

SWiM (Students With Motivation) is a one-year required course for Freshmen. This class is a major part of phase four of the Freshman Transition Project. The areas that will be covered throughout the year include: transitioning to high school, academic responsibility, social responsibility, emotional development, character development and leadership, health/wellness, service, and career development.

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 Fulton 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 ext. 230.

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 literature and speech.
Mathematics – 3 (4) years	Two years of algebra and one year of geometry, <u>A fourth year of higher level mathematics is highly recommended.</u>
Social Studies - 3 years	One year of American History, one semester of Government, 3 semesters of Social Studies elective.
Natural Sciences - 3 years	One year each in Biology, Chemistry and Physics.
Electives - 2 years	
Foreign Language or	Two years of one language.
Art, Music, Vocational	Any combination of 2 years.

Factors that influence college admission decisions are listed below in order of importance. Source: National Association for College Admission Counseling (NACAC) Admission trends survey 2014. Ranking by percentage of “Considerable Importance,” (Moderate, Limited or No Importance).

1. Grades in college prep classes (see above). 79%
2. Grades in all courses. 60%
3. Strength of curriculum. 60%
4. Admission test scores (ACT or SAT). 56%
5. College essay or writing sample. 22%
6. Counselor recommendation. 17%
7. Student’s demonstrated interest in the college. 17%
8. Teacher recommendation. 15%
9. Rank in graduating class (GPA). 14%
10. Subject test scores (AP). 7%
11. Portfolio. 7%
12. Extracurricular activities. 6%
13. SAT II Scores. 5%
14. Personal interview (required at selected colleges). 4%
15. State graduation exam scores. 4%
16. Work. 1%

REQUESTS FOR SCHEDULE CHANGE

Care needs to be taken on 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.
3. Discuss your intentions with the teacher of the replacement class or classes.
4. For Core or required courses;
 - Pick up "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 (music, area vocational center, etc.) a note from parents will be required to drop a class.
- Parental requests will be considered after consultation with the student, parent, and teacher.

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ENGLISH

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 I is a year-long survey course in which students will read from numerous types of literature, including, but not limited to: short stories, nonfiction writing, poetry and plays. Students will be able to show their knowledge through project assessments as well as tests. Additionally, students will review grammar concepts throughout the year and build their writing skills in preparation for English II. This course is set up to meet the college and career readiness standards as set forth by the English Common Core Standards.

Honors English 1 – 1038/1039

Credit:	0.5 Per semester	Offered:	Full Year
Prerequisite:	PSAT 8 English scores, Middle School 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 in which students will read from numerous types of literature. These types of literature will include: fiction short stories, numerous types of nonfiction writing (excerpts, letters, essays, journals/diaries, etc.), poetry, plays, and novels. 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 with tests, projects, and different types of writing with an emphasis on writing. Additionally, students will review grammar concepts. This course is set up to meet the college and career readiness standards as set forth by the English Common Core Standards.

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: The purpose of this course is to ensure students have a clear understanding of the various types of literature and skills necessary to write a research paper. English II is a year-long course focusing on fiction, nonfiction, and dramatic reading. Students will explore these genres by reading various short stories, plays, novels, and poetry. Writing will also be a major focus of this class. A research paper will be assigned and must be completed to pass the class. **All English II students must pass the research paper in order to pass the class and get English credit for the year.**

Honors English 2 – 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: This year long course will help the highly motivated student develop an understanding and appreciation for language and the important role it plays in our everyday world. Students will be introduced to various types of American and World literature. These types of literature will include: fiction, nonfiction, and dramatic reading. Students will explore these genres by reading various short stories, plays, novels, and poetry. Emphasis will be placed on making evaluations, judgement, and analysis. Students will need to complete considerable reading, including novels, outside of class in preparation for daily activities. Writing composition will be practiced with emphasis on argument and research. Course content is enriched, rigorous and rapidly paced, designed to prepare students to take Advanced English Placement courses as juniors and seniors.

ENGLISH

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: The purpose of this course is to continue to build the foundation for college/career readiness. English III is a year-long course focusing on the study of major movements in American Literature. Novels, short stories, poems, and personal accounts will be read throughout this course. In addition, students will engage in grammar and writing reviews, as well as write various styles of essays. Research-based projects and presentations will also be assigned. MLA citation style will be reviewed and practiced. Standardized test preparation will occur throughout the year. The Common Core State Standards are met in each unit throughout the year. The textbook used is *Literature and the Language Arts – The American Tradition* published by EMC Paradigm.

AP Language-1430/1431

Credit:	0.5 Per semester	Offered:	Full Year
Prerequisite:	Student earned a grade no lower than an A- as an overall average after third quarter in Eng. 2 or approval by the instructor.Recommendation, Parent Recommendation.		
Selection Criteria:	11	Class designation:	Honors, College Credit upon successful completion of AP Exam, Weighted grading
Status:	Required, Core, must pay required testing fee.		

Course description: AP Language is an English and Composition based course that is taught at the Junior Level. The course is often referred to as AP 3. This course places a large emphasis on writing and rhetoric skills and focuses on reading, writing, and evaluating nonfiction writing. **Speaking and debate** will also be stressed throughout this AP level course. This course is placed at the Junior level because the skills stressed in this course help support students as they prepare for the SAT and/or the ACT test and the skills learned in AP Language act as a strong building block for students planning on enrolling in AP English Literature and Composition their Senior year. AP3 will be an Advanced Placement class which means that students will be able to earn college credit if they pass the AP Language test offered at the end of second semester their Junior year. This allows students to earn college credits that will transfer to colleges while they are still in high school. AP courses provide students with a great opportunity to get ahead in their college classes, while also saving a substantial amount of money. However, APt courses are very difficult. They are taught and conducted exactly like a COLLEGE course (not a college prep course). AP provides the school and teacher with a specific amount of skills and requirements that must be covered each year and AP courses move at a very fast pace because of that. This particular AP course will be VERY heavy in writing and speaking. ***If your student does not like to write or speak in public, then this is most likely not the course for them. However, if your student is dedicated to working towards earning college credits and putting forth the amount of work that will make them successful in this endeavor, then AP3 is most likely the correct fit for your student.***

English IV-1442/1443

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

Course description: The purpose of this course is to continue to build the foundation for college/career readiness. English IV is a year-long course focusing on the study of the major movements in British Literature. Novels, short stories, poems, and personal accounts will be read throughout this course. In addition, students will engage in grammar and writing skills. Writing skills needed for college/workplace applications will be addressed. Research-based projects and presentations will also be assigned. MLA citation style will be reviewed and practiced. A literary analysis over *Frankenstein* will also be written. The Common Core Standards are met in each unit throughout the year. The textbook used is *Literature and the Language Arts – The British Tradition* published by EMC Paradigm.

ENGLISH

AP Literature-1434/1435

Credit:	0.5 Per semester	Offered:	Full Year
Prerequisite:	English Department Recommendation		
Selection Criteria:	12	Class designation:	Honors, College Credit upon successful completion of AP Exam, Weighted grading
Status:	Required, Core, must pay required testing fee.		

Course description: AP Literature is a year-long intensive study of the major British literature movements, starting with the oral tradition and *Beowulf*. The types of reading selections could include, but are not limited to: epic poetry, plays, narratives, short stories, poems, and nonfiction writing. Additionally, students will focus on the writing skills necessary for a college English classroom, which will primarily take the form of essay tests and literary analyses. This course is set up to meet the college and career readiness standards set forth by *Advanced Placement*. The grades for this course are weighted and based on a 5.0 scale. This course is designed for the college-bound student.

Speech-1142

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

Course description: Speech class is designed to provide the background and skills necessary to speak publicly. Students will learn the basic types of speeches and what skills are needed in order to be a confident, well-versed speaker.

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, make-up, 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. The class will be given the opportunity to present a skit for the homecoming pep assembly. At the end of one semester of drama, students will be confident when getting in front of an audience.

Media Publications-1313/1314

Credit:	0.5 Per semester	Offered:	Full year
Prerequisite:	Open		
Selection Criteria:	10 11 12	Class designation:	Regular
Status:	Elective (Can take this class more than once)		

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.

ENGLISH

Photojournalism-1348/1350

Credit:	0.5 Per semester	Offered:	Full year
Prerequisite:	Open		
Selection Criteria:	10 11 12	Class designation:	Regular
Status:	Elective (Can take this class 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, as well as through weekly articles written for the local newspaper. In addition, students will be required to sell business ads, work concession stands throughout the school year and attend events to take pictures. As a result, students will be required to put in some time out of class. Grading includes but is not limited to the following: quality of yearbook pages produced, fundraising, articles written for the local newspaper, and proper use of class time. 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.

Media Literacy – 1354

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

Course description: Media Literacy 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 is set up to meet the college and career readiness standards set forth by the English Common Core Standards.

Contemporary Literature for Young Adults-1353

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

Course description: Exploration and discussion of young adult problems through the reading, writing, listening, and discussing of novels will be the focus of this course. A variety of hands-on activities will be used to explore the novels. In addition, essays and presentations will be given. 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. For example, if the class and the instructor decide that they want to discuss teen pregnancy, then each student in the class will find a young adult novel dealing with teen pregnancy and read it.

Individualized Composition- 1470

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

Course description: Individualized Composition is a one semester course in which the student will continue to develop and improve the skills of the student writer. Multiple types of writing will be practiced, including but not limited to: expository, process, descriptive, creative, narrative, and persuasive. Various topics of interest (both student-driven and instructor-led) will be explored. Some reading, inside and outside of the classroom, is required. The course is designed for any student looking to continue to improve his/her writing skills and is work force- or college-bound. This course is set up to meet the college and career readiness standards set forth by the English Common Core Standards.

MATH

Non-college bound or low ability student

Math I Foundations
Math II Foundations
Math III Foundations

College bound or average ability student

Math I
Math II
Math III

(4th year recommended: Stats, Pre-Calc, or AP Calc)

Math I Foundations – 2000/2001

Credit:	0.5 Per semester	Offered:	Full Year
Prerequisite:	Recommendation of 8th grade teacher or a Pre-algebra class.		
Selection Criteria:	9	Class designation:	Regular
Status:	Required		

Course description: Math I Foundations is going to encompass the main topics focused on in Math I. This course will solve algebraic equations and inequalities. Other topics include functions, order of operations, graphing, percentage problems, applications, probability, and data analysis.

Math I – 2002/2003

Credit:	0.5 Per semester	Offered:	Full Year
Prerequisite:	Recommendation of 8th grade teacher or a Pre-algebra class.		
Selection Criteria:	9	Class designation:	Regular
Status:	Required and Core		

Course description: The fundamental purpose of Mathematics I is to formalize and extend the mathematics that students learned in the middle grades. The critical areas, organized into units, deepen and extend understanding of linear relationships, in part by contrasting them with exponential phenomena, and in part by applying linear models to data that exhibit a linear trend. Mathematics I uses properties and theorems involving congruent figures to deepen and extend understanding of geometric knowledge from prior grades. The final unit in the course ties together the algebraic and geometric ideas studied. The Mathematical Practice Standards apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

Math II Foundations – 2004/2005

Credit:	0.5 Per semester	Offered:	Full Year
Prerequisite:	Math I Foundations		
Selection Criteria:	9 10	Class designation:	Regular
Status:	Required		

Course description: Math II Foundations encompasses the main topics focused on in Math II. The focus of Mathematics II is on quadratic expressions, equations, and functions; comparing their characteristics and behavior to those of linear and exponential relationships from Mathematics I as organized into 6 critical areas, or units.

Math II – 2006/2007

Credit:	0.5 Per semester	Offered:	Full Year
Prerequisite:	Math I or Math I Foundations with recommendation.		
Selection Criteria:	9 10	Class designation:	Regular
Status:	Required and Core		

Course description: The focus of Mathematics II is on quadratic expressions, equations, and functions; comparing their characteristics and behavior to those of linear and exponential relationships from Mathematics I as organized into 6 critical areas, or units. The need for extending the set of rational numbers arises and real and complex numbers are introduced so that all quadratic equations can be solved. The link between probability and data is explored through conditional probability and counting methods, including their use in making and evaluating decisions. The study of similarity leads to an understanding of right triangle trigonometry and connects to quadratics through Pythagorean relationships. Circles, with their quadratic algebraic representations, will round out the course. The Mathematical Practice Standards apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

MATH

Math III Foundations – 2008/2009

Credit:	0.5 Per semester	Offered:	Full Year
Prerequisite:	Math II Foundations	Class designation:	Regular
Selection Criteria:	10 11		
Status:	Required		

Course description: Math III Foundations is going to encompass the main topics focused on in Math III. In this course students pull together and apply the accumulation of learning that they have from their previous courses, with content grouped into four critical areas, organized into units

Math III – 2121/2122

Credit:	0.5 Per semester	Offered:	Full Year
Prerequisite:	Math II or Math II Foundations with recommendation.	Class designation:	Regular
Selection Criteria:	10 11		
Status:	Required and Core		

Course description: In Mathematics III students will pull together and apply the accumulation of learning that they have from their previous courses, with content grouped into four critical areas, organized into units. They apply methods from probability and statistics to draw inferences and conclusions from data. Students expand their repertoire of functions to include polynomial, rational, and radical functions. They expand their study of right triangle trigonometry to include general triangles. And, finally, students bring together all of their experience with functions and geometry to create models and solve contextual problems. The Mathematical Practice Standards apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

Statistics- 2055/2056

Credit:	0.5 Per semester	Offered:	Full Year
Prerequisite:	Completion of Math II or Math II Foundations with recommendation.	Class designation:	Regular
Selection Criteria:	10 11 12		
Status:	Required and Core		

Course description: This course will present statistics and probability in a context that relates to a student's personal experiences. Topics include: frequency tables and graphics, probability, measures of center and probability distributions. Graphing calculators will be used as a tool to organize and calculate data.

Pre-Calculus- 2141/2142

Credit:	0.5 Per semester	Offered:	Full Year
Prerequisite:	Completion of Math III or Math III Foundations with recommendation.	Class designation:	Regular
Selection Criteria:	11 12		
Status:	Required and Core		

Course description: In this course, students prepare for the study of calculus. Topics include function analysis, trigonometry, and discrete algebra. 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:	C+ or higher for final grade in Pre-Calculus and signature of the instructor	Class designation:	Honors, College Credit upon successful completion of AP Exam, Weighted grading
Selection Criteria:	12		
Status:	Required, Core, must pay required testing fee.		

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. The fee for the exam is \$92.00. Students in AP Calculus need a TI83 or TI84 calculator.

SCIENCE

Physical Science-3131/3132

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

Course description: The course is a survey of the fundamentals of chemistry and physics. It is designed for the student that does not have plans to enroll in a full year of chemistry or physics. Students will demonstrate an ability to safely use scientific lab equipment and apply the scientific method to solve problems. The first semester focuses on the study of chemistry, emphasizing the classification of matter, description of atomic structure, use of the periodic table, comparison of chemical bonds, and understanding of chemical reactions. Second semester focuses on the study of energy as it relates to physics. Students will be required to demonstrate the ability to accurately predict the outcomes of experimental procedures involving the laws of motion, heat, light, sound, and electromagnetic energy.

Environmental Science-3083/3084

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

Course description: This course is an elective that will study the relationships between organisms and their environment. It will incorporate current events for awareness of today's environment. Students will participate in various activities related to the environment as assigned by the teacher. For example, students will be responsible for the planning and preparation of Earth Day in the spring. This is a project based course that requires active participation and engagement.

Biology- 3145/3146

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

Course description: The course satisfies the life science requirement in preparation for state testing. It will cover topics related to cell biology, genetics and reproduction, classification, and ecological concepts related to adaptation and change over time. A cell project and dissection will be included in this course.

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: This course will focus on the make-up of the human body and how systems interact with each other. It will include instruction on medical terminology. The curriculum will include research into various diseases and a 1st semester dissection. This course is suggested for students considering a career in the medical or health related field.

Chemistry- 3211/3212

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

Course description: Chemistry is the study of the structure, composition, and changes of matter. The course emphasizes metric measurement, the classifications of matter, atomic theory and structure, chemical bonding, chemical reactions, stoichiometry, gasses, solutions, acids and bases, and nuclear chemistry. The course has a strong emphasis on the mathematics of chemistry and laboratory experiences. Chemistry is a basic course that is necessary for most vocations that involve science in any way.

SCIENCE

Physics- 3171/3172

Credit:	0.5 Per semester	Offered:	Full Year
Prerequisite:	Should have had or be enrolled in Math 3 or instructor approval		
Selection Criteria:	11 12	Class designation:	Regular
Status:	Required (Physical Science) and Core		

Course description: Physics is a course which studies the production, use, and conservation of energy. Course content includes mechanics (velocity, acceleration, work, power, and momentum) in the first semester. Second semester primarily focuses on energy (thermodynamics, sound, light, magnetism, and electricity) involving the study of mirrors, lenses, and lasers. The course places strong emphasis on the mathematics of physics. Laboratory experiments in each of the content areas involve data collection and analysis. This course is valuable to students planning to further their studies in any science, health, engineering, electronics, or computer related occupations.

AP Chemistry-3209/3210

Credit:	0.5 Per semester	Offered:	Full Year
Prerequisite:	Completion of Chemistry and Math 2 with a grade of B or above in both courses.		
Selection Criteria:	11 12	Class designation:	Honors, College Credit upon successful completion of AP Exam, Weighted grading
Status:	Required, Core, must pay required testing fee.		

Course description: The AP Chemistry course is designed to be the equivalent of the general chemistry course usually taken during the first college year. The course is taken with the idea in mind that students will take the AP Exam to receive college credit or placement at the student's college of choice. The course centers around six big ideas structure of matter, bonding and intermolecular forces, chemical reactions, kinetics, thermodynamics, and chemical equilibrium.

Students, who take the AP Chemistry course, will develop a deep understanding of the concepts within the big ideas through the application of the science practices in the required laboratory component of the course. The course will devote 25 percent of instructional time to students performing a minimum of 16, hands-on lab investigations to support the learning objectives in the curriculum framework. The result will be readiness for the study of advanced topics in subsequent college courses.

Sauk Dual Credit – Chemistry 105 – General Chemistry 1 – SDC4/SDC5

Credit:	0.5 Per semester	Offered:	Full year
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, must pay required college fee of \$522 (Reduced fee for free/reduced lunch)		

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.

Independent Scientific Research – 3169

Credit:	0.5	Offered:	One semester
Prerequisite:	Student must have completed Earth Science, Biology, and Chemistry and have earned a B-average or higher in all three courses. Before entry into course student must get approval from supervising science teacher.		
Selection Criteria:	11 12	Class designation:	Honors
Status:	Science Elective		

Course description: Independent scientific research course is a laboratory science course that enables students to both apply and expand previous science content knowledge toward the endeavor of engaging in open-ended, student-centered investigations that are designed to answer testable questions. Embedded standards for technology and engineering are taught in the context of the content standards that enable students to: practice ethics, think critically, investigate, analyze and evaluate data, and communicate results. The course will require students to, work independently, identify their own topic of research, read relevant and appropriate scientific literature, write scientific reports, and give an oral presentation of completed independent study. The course is designed for highly motivated students who plan on continuing in science after high school.

SCIENCE

FTC Robotics (independent study)

Credit:	1 Per semester	Offered:	Full year
Prerequisite:	Students must have two completed science courses which include: earth, biology, physical science, chemistry or physics and earned C grades or higher in both courses. Before entry into course student must get approval from supervising science teacher.		
Selection Criteria:	11 12	Class designation:	Honors
Status:	Science Elective		

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. The class will be supplemented by working close with mentors from industry such as engineers, marketing, business management, website design, etc. 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. Coursework in these areas will be focused on the extracurricular contests FTC (FIRST Tech Challenge). 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: Student participating in this course must compete in the FTC competitions during 1 and 2 semesters. Competitions are usually on Saturday or Sunday.

SOCIAL SCIENCE

THE SOCIAL STUDIES REQUIREMENT MUST INCLUDE THE FOLLOWING:

- World History - 1 credit
- United States History I & II (regular or Honors) - 1 credit
- United States History III (regular or Honors) - ½ credit
- Civics- 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 I & II-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

SOCIAL SCIENCE

Honors United States History I & II-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 III-4400

Credit:	0.5	Offered:	One semester
Prerequisite:	Open		
Selection Criteria:	12	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 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.

Semester 3 – U.S. History, 1931 to the present

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:	Required and Core		

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.

SOCIAL SCIENCE

Psychology- 4451

Credit:	0.5	Offered:	One semester
Prerequisite:	Open		
Selection Criteria:	11 12	Class designation:	Regular
Status:	Required and Core		

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.

Psychology II

Credit:	0.5	Offered:	One semester
Prerequisite:	Pass Psychology with a C or better		
Selection Criteria:	11 12	Class designation:	Regular
Status:	Required and Core		

Course description: This course will look at the different chapters that were not covered in Psychology. Topics for Psychology II would be the life span (from infancy through death), sensation and perception, motivation and emotion, individual interaction, attitudes and social influence along with other potential topics.

HEALTH AND PHYSICAL EDUCATION

Health- 7092

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 sexuality, 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-7191/7196

Credit:	0.5 Per semester	Offered:	Full year
Prerequisite:	Open		
Selection Criteria:	9 10 11 12	Class designation:	Regular
Status:	Required (see page 3)		

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.

DRIVER EDUCATION

Driver Education – Classroom – 7012/7032/7042/7062

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: Driver's 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 assignment with a certified instructor. Class delivery will be lecturing, note taking, and group assignments. ****a \$30.00 check made out to the Secretary of State is required to take the test for an Illinois driver's permit.****

DRIVER EDUCATION

Driver's Education – Behind the Wheel - BTW001/BTW002/BTW003/BTW004/BTW005/BTW006

Credit:	0.25	Offered:	One Quarter
Prerequisite:	Pass Driver Education Classroom		
Selection Criteria:	9 10	Class designation:	Regular
Status:	Elective		

Course description: The laboratory phase of Driver 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

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 a major part of phase four of the Freshman Transition Project. The areas that will be covered throughout the year include: transitioning to high school, academic responsibility, social responsibility, emotional development, character development and leadership, health/wellness, service, and career development. ****REQUIRED OF ALL 9TH GRADERS****

College and Career Readiness – 1480/1481/1482/1483

Credit:	0.25	Offered:	One Quarter
Prerequisite:	Open		
Selection Criteria:	9 10	Class designation:	Regular
Status:	Elective		

Course description: This course will focus on the skills necessary for students to be successful in college and the workplace. Students will work on key learning strategies like note taking skills, time management and test taking skills. Students will also work on taking ownership of learning through goal setting and monitoring their progress on achieving their goals. Students will also learn how to problem solve and seek help when they are struggling with a concept or issue. These skills will be utilized and reinforced through various types of exercises and presentations by local business owners, industry executives and college professors. Students will also learn what colleges typically look for on applications along with completing a college admission essay. Students will explore their individual strengths and complete a research project allowing them to apply their strengths to career fields they may be interested in. This is a 9 week required course designed for freshmen and sophomores that will offset Driver's Education. The goal of this course is to provide our students with training on the essential skills they will need to be successful

BUSINESS & CONSUMER EDUCATION COURSES

Introduction to Computers – 6491/6492

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

Course description: This course includes the introduction of concepts and techniques presented in Microsoft Office 2010. Specifically, students gain the skills necessary to create documents using Word, Excel, PowerPoint, and Access. Students will continue to build upon skills learned during the year which will culminate in a final business simulation project. ****REQUIRED OF ALL 9TH GRADERS****

BUSINESS & CONSUMER EDUCATION COURSES

Introduction to Business – 6585/6586

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

Course description: This course introduces students to the world of business and will help prepare them for the economic roles of worker, consumer, and citizen. This course also serves as a background for almost all other business courses that a student may take in high school and college. Students will gain knowledge of economics, business roles, government, management, interviews, resumes, human resources, advertising, and marketing.

Business Law – 6610

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

Course description: This course is designed for the student to understand law as it relates to his/her everyday life. This includes buying and selling, making contracts, buying insurance, knowing when an attorney is needed, and numerous topics regarding money. Students also participate in mock trials as both attorneys and jurors.

Accounting I – 6591/6592

Credit:	0.5 Per semester	Offered:	Full year
Prerequisite:	A good background in Algebra 1 is desirable		
Selection Criteria:	9 10 11 12	Class designation:	Regular
Status:	Elective		

Course description: This course includes planned learning experiences that develop skills in classifying, recording, verifying, and maintaining data involved in financial records. Students work with journals, ledgers, work sheets, checks, and various other accounting forms. Projects and practice sets are used to emphasize practical knowledge in working with financial records.

Accounting II – 6600/6611

Credit:	0.5 Per semester	Offered:	Full year
Prerequisite:	Accounting I		
Selection Criteria:	11 12	Class designation:	Regular
Status:	Elective		

Course description: This course is designed to help students to develop deeper knowledge of the principles of accounting with more emphasis being placed on financial statements and accounting records. It is a study of previously learned principles as they apply to the different types of business organizations. Skills are developed in the entry, retrieval, and statistical analysis of business data using computers for accounting business applications.

Consumer Education-6462

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

Course description: Consumer Education prepares students for education beyond high school or entering the workforce. Topics covered include: consumer powers and protections, the US economy, global economics, consumer management skills, career decisions, income and taxes, financial planning, banking, consumer credit, savings, investments, insurance, advertising, transportation, food and nutrition, health care, and housing and furnishings. Guest speakers from colleges and the community are brought in to present on a variety of topics.

BUSINESS & CONSUMER EDUCATION COURSES

Exploring Computer Science – 6628/6629

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

Course description: This course provides students with an introduction to the field of Computer Science. Students are introduced to the concepts of computing, apply a variety of problem-solving techniques, expand their knowledge and apply web page design concepts, are introduced to the foundations of programming (including animated stories and video games), and apply previously learned concepts to building and programming with robotics. 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.

Publishing – 6640/6641

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

Course description: This course utilizes Microsoft Publisher 2010. Various publications are created such as: calendars, personal web pages, brochures, greeting cards, business cards, memos, order forms, advertisements. Miscellaneous projects for the school are done throughout the year.

Graphic Arts – 6645

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

Course description: This course is designed to help students learn the concepts of Adobe Photoshop Elements 6.0. 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 creating digital art projects.

FOREIGN LANGUAGE

Spanish I-5071/5072

Credit:	0.5 Per semester	Offered:	Full year
Prerequisite:	C or above in the last English 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 four 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. Several small projects will be incorporated throughout the year.

Spanish II- 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 will be used as assessments during the course of the year, as well as traditional testing. (When there has been sufficient interest in a trip to a Spanish-speaking country, students have gone.)

FOREIGN LANGUAGE

Alternate Spanish II-5093/5094

Credit:	0.5 Per semester	Offered:	Full year
Prerequisite:	Not meeting requirements for regular Spanish II course 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 will be used as assessments during the course of the year, as well as traditional testing. The course will be taught at a slower pace with more remedial work included and grammar that is necessary for Spanish III and IV may be omitted. ***Students taking this course may not be able to continue on to Spanish III or Spanish IV**

Spanish III- 5111/5112

Credit:	0.5 Per semester	Offered:	Full year
Prerequisite:	Spanish II with a “B” average or consent of instructor		
Selection Criteria:	11 12	Class designation:	Regular
Status:	Elective		

Course description: As an advanced and challenging course, Spanish III continues to elaborate upon previously developed skills. This includes reading selections, writing, speaking, and listening. History, geography, art, and culture play an important role at this level. At least one project will be completed. (When there has been sufficient interest in a trip to a Spanish-speaking country, FHS have traveled there.)

Spanish IV-5121/5122

Credit:	0.5 Per semester	Offered:	Full year
Prerequisite:	Spanish III with a “B” average or consent of instructor		
Selection Criteria:	12	Class designation:	Regular
Status:	Elective		

Course description: Spanish IV is an advanced and challenging course. Conversational skills, grammar review, writing, and a study of literature, culture, history, and art are emphasized. Good teamwork skills are a must for this course. Projects will be used as an assessment at this level as well as traditional testing. Each spring, a field trip to Chicago is taken to the National Museum of Mexican Art and the Art Institute of Chicago. This reinforces the information learned in class about Hispanic art, artists and culture. (When there has been sufficient interest in a trip to a Spanish-speaking country, Fulton High students have traveled there.)

INDUSTRIAL TECHNOLOGY

Intro to Industrial Technology – 6113/6114

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

Course description: This course is an introduction to the various aspects of Technology. The course will explore a variety of Technology that is present in today’s world. An emphasis will be placed on safety and the proper use of tools and equipment in each discipline. Disciplines studied will be woodworking, construction, design, and drafting. The course will also briefly cover welding and metal work, electricity, and basic automotive maintenance.

Construction – 6214/6215

Credit:	0.5 Per semester	Offered:	Full year
Prerequisite:	Intro to Industrial technology		
Selection Criteria:	10 11 12	Class designation:	Regular
Status:	Elective		

Course description: This course will explore the many elements needed to build a structure. A variety of learning activities will explore various building fundamentals including site preparation, project management, foundations, floor, wall, and roof construction. In addition, exterior and interior finish work will be explored, such as: siding, windows, doors, shingling, drywall, trim, etc. Additional time may include plumbing and electrical, if time permits. An emphasis will be placed on providing students with the necessary skills to work in construction.

INDUSTRIAL TECHNOLOGY

Metals/Welding – 6315

Credit:	0.5	Offered:	One semester
Prerequisite:	Intro to Industrial Technology		
Selection Criteria:	10 11 12	Class designation:	Regular
Status:	Elective		

Course description: This course will explore the various types of metals and their characteristics. An emphasis will be placed on safety and the proper use of metal working tools and equipment. Students will learn several welding operations and gain experience in each through a variety of activities and hands-on practice. An emphasis will be placed on providing the students with the necessary skills to work in the welding trade.

Residential Electricity – 6416

Credit:	0.5	Offered:	One semester
Prerequisite:	Intro to Industrial Technology		
Selection Criteria:	10 11 12	Class designation:	Regular
Status:	Elective		

Course description: This course will explore basic electrical circuits used in residential wiring schemes. The student will explore the various electrical components, principles, troubleshooting approaches, and wiring diagrams commonly found in the construction industry. An emphasis will be placed on safety and the proper use of tools and equipment in a lab setting in order to provide students with the necessary skills to enter into an apprentice electrician position.

Sauk Dual Credit – Electricity 101 – Electrical Wiring – SDC3

Credit:	0.5	Offered:	One semester
Prerequisite:	Intro to Industrial Technology		
Selection Criteria:	11 12	Class designation:	Honors, College Credit (3)
Status:	Elective must pay required college fee of \$313 (Reduced fee for free/reduced lunch)		

Course description: Students will be introduced to basic electrical wiring as it applies to residential occupancies, placing special emphasis on National Electric Code requirements. Students will develop an understanding of Ohm = s Law and be taught to wire series and parallel circuits; install single-pole, three-way and four-way switches, duplex receptacles and service panels; and troubleshoot circuits.

FAMILY & CONSUMER SCIENCE

Beginning Foods – 6252/6282

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 include textbook, notebook and lab experience. Foods I will study nutritional concepts and food preparation principles. Students will be introduced to kitchen equipment, safety, sanitation, measuring ingredients, recipe skills, and cooking methods. Foods II will focus on further development of cooking skills. Areas of study include the Food Guide Pyramid, grains, fruits, vegetables, dairy and meat. This class is for students interested in food processing and the food services industry: Supermarket sales, food scientists, food preparation, food safety, personal chef and hospitality.

FAMILY & CONSUMER SCIENCE

Nutrition – 6410

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

Course description: This class will study the importance of the healthful eating and regular physical activity as permanent lifestyle habits. Students will study food habits, lifestyle choices, nutrients (carbohydrates, fats, proteins, vitamins, minerals, water and phytochemicals), management for life-long activities, and making informed choices through decisions they make. They will also study the significance of caring for their mental and social health as part of the whole wellness picture, which includes staying physically active, as a way of life. Also covered will be dietary guidelines, weight management, eating disorders, and physical fitness and food choices. Nutrition is for students interested in the dietary guidelines; Dietitians and nutritionists, athletic trainers, physical therapists, health educators in schools, hospitals and public health agencies.

Beginning Clothing – 6322/6325

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 include textbook, notebook, skill sheets, and hands on experience working with the sewing machine, serger and embroidery machines to learn various sewing skills. Students will study clothing, color, design, fabric and care. Students will need to bring in their own sewing tools (scissors, seam ripper, seam gauge, pins, and small storage box) from home or purchase (approximate cost \$10.00 - \$15.00). Students will also need to purchase fabric and supplies for projects. Clothing is for students interested in the clothing and textile industry: Fashion coordinator, retail sales, textile art, fashion advertising and merchandising.

Parenting – 6406

Credit:	0.5	Offered:	1st semester
Prerequisite:	Open		
Selection Criteria:	9 10 11 12	Class designation:	Regular
Status:	Elective		

Course description: This course helps students understand the responsibilities, satisfactions, and stresses of parenthood. Many types of parenting situations are examined. Stress prevention and management are emphasized. Community agencies that help parents deal with various types of parenting situations are identified. Course content includes the following duty areas: managing and organizing parenting by applying decision-making and goal setting skills; applying the basic principles of the parenting process; practicing health and safety standards as related to parenting; providing experiences which encourage parents and children to maximize resources; encouraging human relations skills in children/adolescents; and evaluating Impact on parenting of family and career changes. Special attention is given to the needs of teenage parents and to the importance of readiness for parenthood. Parenting is for students who will someday be a parent and enjoy working with children: Child care workers, nannies, family counseling, social workers, coaches, children's book authors, and education.

Child Growth and Development – 6407

Credit:	0.5	Offered:	2nd semester
Prerequisite:	Must have passed Parenting		
Selection Criteria:	9 10 11 12	Class designation:	Regular
Status:	Elective		

Course description: This course emphasizes knowledge and understanding of the intellectual, physical, social, and emotional development of children from birth to preschool. The content centers around the following duty areas: managing and organizing child development by applying decision-making and goal-setting skills; promoting child development by applying physical, social, intellectual, and emotional principles; practicing health and safety standards for children; providing experiences encouraging children to maximize resources; encouraging human relations skills in children; and evaluating family and career changes in relation to impact on children. Information related to careers in child, day care, and education services is incorporated throughout the course. Child development is for students who are interested in working with human services and the community: preschool centers, teacher aide, camp counselors, child education, pediatric nurses and pediatricians.

MUSIC

Robed Choir – 8031/8032

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

Course description: Robed Choir is a performance based class. To be part of Robed Choir a student must pass an audition to be part of the group. Any student who was not in Robed Choir the previous year must audition. New incoming students must have a passing grade from their previous school to be part of the group. Students who are presently enrolled in choir and receive an overall grade below an A- must audition to be in group for the following year. Students who are presently enrolled in Robed Choir and receive an overall grade A- or above do not have to audition and will automatically be placed in Robed Choir the following year. Auditions take place in May. These auditions will: 1) Cause students to reflect on commitment to being in the choir. 2) Validate that the quality of the choir as a performing group is a priority. 3) Gives the director an opportunity to assess the talent and stylistic talents and needs of the individuals in the choir. 4) Allow the director to make informed, objective decisions about the students in the choir. The audition will not focus exclusively on talent but also on a commitment to doing one's best and making a contribution to the group.

Once a student is placed in Robed Choir the student is expected to complete the school year. The student must maintain a passing grade, uphold rules of the classroom, complete all assignments, and attend all performances. Robed Choir will sing a wide variety of choral music, achieve an understanding of choral music performance through an in-depth study of the music and vocal techniques, and perform in concerts throughout the year. Other opportunities to participate in extracurricular vocal music activities will also be available.

Band – 8011/8012

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

Course description: Band is a performance based class. To be part of Band a student must pass an audition to be part of the group. Any student who was not in Band the previous year must audition. A student needs to have played in band a minimum of one year to audition. New incoming students must have a passing grade from their previous school to be part of the group.

Students who are presently enrolled in band and receive an overall grade below an A- must audition to be in group for the following year. Students who are presently enrolled in Band and receive an overall grade A- or above do not have to audition and will automatically be placed in Band the following year. Auditions take place in May. These auditions will: 1) Cause students to reflect on commitment to being in the choir. 2) Validate that the quality of the choir as a performing group is a priority. 3) Gives the director an opportunity to assess the talent and stylistic talents and needs of the individuals in the choir. 4) Allow the director to make informed, objective decisions about the students in the choir. The audition will not focus exclusively on talent but also on a commitment to doing one's best and making a contribution to the group.

Once a student is placed in Band the student is expected to complete the school year. The student must maintain a passing grade, uphold rules of the classroom, complete all assignments, and attend all performances. Students will perform as a marching band in parades and at football games, as a pep band at winter sports events, and as a concert band at concerts and contests. Other opportunities to participate in extracurricular instrumental music activities will also be available.

ART

Beginning Art – 9010/9020

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

Course description: Beginning Art is designed to allow any artistic ability level learn basic skills, techniques, and materials. Basic skills and techniques in drawing and painting are introduced in the first quarter with projects including still lifes, contour line, self- portraits, perspective drawing, watercolor landscapes, and acrylic posters. Second semester will focus on the basic techniques and materials of three dimensional art. Projects for this quarter will include clay pots, plaster people, batik, unique clothing art, and instillation. Students will be required to bring with them a 9 x 12 sketchbook.

Advanced Art – 9030/9035

Credit:	0.5 Per semester	Offered:	Full year
Prerequisite:	Pass Beginning Art with a C or better		
Selection Criteria:	10 11 12	Class designation:	Regular
Status:	Elective		

Course description: Students will advance their artistic “style” by using more advanced artistic methods and materials. Students are given more freedom with their subject choices based on the method taught. Projects will include an artist representation of famous works of art, a book, performance art, and recycled art. Students are required to bring a sketchbook, a folder, and their own set of sketch pencils.

Independent Art- 9041/9042

Credit:	0.5 Per semester	Offered:	Full year
Prerequisite:	Pass a full year of Advanced Art with a B or better and instructor’s permission		
Selection Criteria:	11 12	Class designation:	Regular
Status:	Elective		

Course description: This is the highest level of art that can be taken. Students will independently work on artwork in a media and style or styles that they choose. Students will be required to create four works of art per quarter, one of which will be chosen by the teacher. Students will participate in a portfolio review at the end of each quarter. Students will also get to experience art careers by going into the community to visit and participate in the local art that is available. Students will end their year by creating a portfolio they can use for college entrance.

COMMUNITY INVOLVEMENT & CAREER EDUCATION

Community Involvement /Career Exploration-9600/9601

Credit:	0.5 Per semester	Offered:	Full year
Prerequisite:	Instructor approval and service site consent.		
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 may use this opportunity to work with local businesses such as a mechanic, plumber, retail store owner, or a professional such as a dentist, chiropractor or nurse. Some may volunteer to tutor or assist at the elementary, middle, or high school. Students may assist almost anyone in the community as long as it is of a service nature and allows them the opportunity to learn about a possible job. Because this is a service to the community and a grade will be earned, **no money may be received for the services.**

Community service will be performed during one regularly scheduled period of the day; the service will be provided during the time that the student would normally be in the classroom. Students must provide their own transportation.

Weekly journals listing the duties performed, what has been learned or relearned, and commenting on the reactions and feelings of the week are required and are a part of the grade. Evaluations by site supervisors are done and count as part of the grade also.

Whiteside Area Career Center

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 are 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

One-year program offered to junior and senior students that are interested in pursuing a career in various medical fields. Students are in the classroom three days per week and at clinical sites two days per week. Students participate in one to four 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.

5 Dual Credits with SVCC: 3 credits for Medical Terminology (NRS116), 2 credits for Pharmacology for Non-Licensed Personnel (VOC176)

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

Auto Service

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

2 Dual Credits with Highland Community College in AUTM 138

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

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

Whiteside Area Career Center

Building & Construction Trades

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

6 Dual Credits with Highland Community College: 3 credits for MTEC 240 and 3 credits for MTEC 245.

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

CEO (Creating Entrepreneurial Opportunities)

One-year course offered to a junior or senior student that acquaints students with the knowledge and skills necessary to own and operate their own businesses. Concepts such as supply and demand, cost/benefit analysis, competitive advantages, and opportunity recognition are covered. Coursework includes innovative thinking strategies, product development, business structure, marketing, financial strategies, record keeping, and preparing an income statement, balance sheet, income and cash flow statements. Entrepreneurial thinking (out-of-the box problem solving) is utilized throughout the course. This course will take place in area businesses, and will include tours of local industry and guest speaker from all areas of business.

No dual credit available.

Prerequisites: All students interested in enrolling in the WACC CEO class must complete an application available through his/her school counselor. Students will be selected by the CEO Advisory Board. Students who are selected to enroll in the CEO class must provide his or her own transportation to and from the various class meeting sites. The CEO Class at WACC has their own website. Visit it at <https://www.wacc-ceo.com/>

Computer Technology (Networking and Programming)

If you enjoy computers and want to know how computers and computer networks work, the computer technology field might be the place to be. If this is true, then WACC's Computer Technology program is just the program to kick-off your technology related education and career. Starting out in the Computer Technology program can get you started toward many specialties. Some of the potential careers include positions such as an Information Technology Specialist, Computer Support Specialist, Computer Technician, Help Desk Analyst, Technical Support Specialist, Network Support Specialist, Network Technician, Computer Specialist, Systems Administrator, Network Administrator, Webmaster, Web Designer, Web Developer, App Developer, Computer Programmer, or many other related positions.

Computer Technology

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

12 Dual Credits with SVCC: 3 credits each for CIS 123 (JavaScript), CIS 151 (Networking), CIS 167 (A+ Certification), CIS 197 Security +), and CIS 250 (Beginning Linux).

Recommended Student Criteria: Students enrolled in Computer Technology will be required to sit at a desk for an hour and forty-five minutes, walk, stand, stoop, kneel, crouch and reach while performing typical computer repair work; use hands to finger, have hand-eye coordination; handle or feel objects, tools or controls; lift and/or move objects and materials of up to 50 pounds in weight.

Whiteside Area Career Center

Cosmetology

This program is open to seniors and is housed at the Educators of Beauty site in downtown Sterling. Students will explore several aspects of cosmetology. The curriculum includes but is not limited to: theory and practice hours in hair, nails, skin, business basics and effective communication. This course takes place at Educators of Beauty. After completing this part time program, students will earn up to 350 of the 1500 hours necessary to complete the program. Financial incentives are available for students who chose to return to Educators of Beauty upon graduation. Educators of Beauty Website - <https://educatorsofbeauty.com/>

Criminal Justice

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

6 Articulated Credits with SVCC: 3 credits for CJS 101 and 3 credits for CJS 232.

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.

Culinary Arts

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 offered.

No dual credit available.

Recommended Student Criteria: Students enrolled in Commercial Food Service will be required to work in a commercial kitchen approximately 70% of the time while at WACC. 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.

Digital Media Arts

One- or two-year program offered to juniors and seniors. The classes are for visual and creative thinkers as well as computer geeks interested in cutting edge digital and media arts. The program offers the latest trends, techniques and technologies in the ever-evolving multimedia field. The wide variety of the curriculum provides opportunities to build skills for future success in careers as an illustrator, desktop publisher, photographer, graphic artist, digital video editor, studio staging director, film maker, computer animator, sound engineer, camera operator, web designer or other positions in the exciting and growing recording, entertainment and digital media arts and communications field. Students work at their own pace and get "hands-on" experience using state-of-the-art software, cameras, lighting, special effects, sound and broadcasting equipment. All classes begin each fall and spring semester and students take two classes per semester. Students completing a selection of eight classes (the equivalent of two years at WACC), will receive a Certificate in Graphic Design from Sauk Valley Community College. Students not able to complete the certificate requirements while attending WACC are invited to enroll at Sauk Valley Community College after high school to finish the certificate requirements if they so choose. Qualifying WACC students may earn up to 24 college credits taking the Digital Media Arts class.

27 Dual Credits with SVCC: ART 100-Media Arts, ART 103-Digital Photography, ART 105-Motion Graphics, ART 107-Digital Drawing, ART 230-Graphic Design I, ART 231 – Graphic Design II, ART 236-Film and Video, ART 237-Image and Sound Recording, ART 238-Interactive Media Design, ART 299-Topics and Issues (3 credits per course = 27 total credits offered)

Whiteside Area Career Center

Early Childhood Education

One- or two-year program offered to junior and senior students. The courses include a study of growth and development; early childhood learning theories; types of early childhood programs; teaching methods and procedures; the role of the child care professional; and working with young children with special needs. This program provides preparation and a practicum for students interested in a variety of educational fields, such as; preschool teachers, teacher's aides, elementary teachers, speech/pathology teachers, and social workers. First year students will work 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 during both semesters of the school year. This work-based learning site could be a daycare center, preschool program, elementary school, or a location specific to a students' career interest. (i.e.: special education, speech teacher, social worker)

Gateways to Opportunity Level 1 Credential for first year students; 3 Articulated Credits with SVCC: ECE 114 or ECE 115 offered alternatively over two years.

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

Health Occupations-CNA

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

8 Dual Credits with SVCC: 4 credits for NRS101, 4 credits for NRS103.

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

Whiteside Area Career Center

Welding and Manufacturing Technology

After completing the Welding and Manufacturing Technology program at WACC, students will have a seamless transition into the Multicraft Technology program at SVCC. WACC and SVCC continue to partner with each other to increase the dual credit opportunities in the Multicraft Technology program.

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

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

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

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

6 Dual Credits with SVCC: 3 credits for Welding Fundamentals (WELD 106) and 3 credits for – Intro to CAD (IND 108)

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.

DUAL CREDIT/DUAL ENROLLMENT

Morrison Institute of Technology

Fulton High School offers to juniors and seniors the opportunity to take two dual enrollment courses through Morrison Institute of Technology (MIT) in Morrison, Illinois. Students taking these courses will earn FHS credit, as well as credit from MIT. Students are transported each day first block to MIT where they can complete the following classes:

DT 106 - Principles of Engineering: Projects and Concepts – First Semester

This semester-long, project- driven course 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.

DT 114 – AutoCAD 1 – Second Semester

This course is an introduction to the use of AutoDesk's AutoCAD software package. It will present all basic 2D and 3D commands used for drawing, editing, display controls, layering, dimensioning, and plotting. It will also provide coverage of entity properties and handling and utilities.

Cost per MIT course is between \$100-\$300, plus the cost of a textbook and any other course materials that are required.

Sauk Valley Community College

Clinton Community College

Fulton High School offers to juniors and seniors the opportunity to take dual enrollment 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 guidance counselor in order to find out how to register.

Cost per credit hour of a SVCC dual credit course is \$104.25 (\$331.20 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 \$331.20 plus 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.

Western Illinois University

Fulton High School offers to juniors and seniors who are interested in attending Western Illinois University (WIU), after graduation, the opportunity to take dual enrollment 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 \$285 each, plus the cost of a textbook and any other course materials that are required.

PRE-REGISTRATION 2018-2019

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.

<u>SEMESTER 1</u>		<u>SEMESTER 2</u>	
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

Course Listing 2018-2019

<u>S1 - S2</u>	<u>ENGLISH</u>	<u>Term</u>	<u>S1 - S2</u>	<u>TRANSITION</u>	<u>Term</u>
1041-1042	English 1	YR	4475-4476	S.W.i.M	YR
1038-1039	Hon. English 1	YR	1480	College & Career	Qtr
1132-1133	English 2	YR			
1130-1131	Hon. English 2	YR	<u>S1 - S2</u>	<u>BUSINESS & CONS.</u>	<u>Term</u>
1211-1212	English 3	YR	6491-6492	Intro. to Computers	YR
1430-1431	AP Language	YR	6585-6586	Intro. to Business.	YR
1442-1443	English 4	YR	6591-6592	Accounting I	YR
1434-1435	AP Literature	YR	6462	Consumer Education	Sem
1142	Speech	Sem	6628-6629	Computer Science	YR
1352	Drama	S1	6645	Graphic Arts	S1
1313-1314	Media Publications	YR			
1348-1350	Photojournalism	YR	<u>S1 - S2</u>	<u>FOREIGN LANGUAGE</u>	<u>Term</u>
1354	Media Literacy	S1	5071-5072	Spanish I	YR
1353	Contemp. Literature	S2	5091-5092	Spanish II	YR
			5111-5112	Spanish III	YR
			5121-5122	Spanish IV	YR
<u>S1 - S2</u>	<u>MATHEMATICS</u>	<u>Term</u>	<u>S1 - S2</u>	<u>INDUSTRIAL TECH</u>	<u>Term</u>
2000-2001	Math 1 Foundations	YR	6113-6114	Intro to Inds. Tech.	YR
2002-2003	Math 1	YR	6214-6215	Construction	YR
2004-2005	Math 2 Foundations	YR	6315	Metals/Welding	Sem
2006-2007	Math 2	YR	6416	Residential Electricity	Sem
2008-2009	Math 3 Foundations	YR			
2121-2122	Math 3	YR	<u>S1 - S2</u>	<u>FAMILY & CON, SCI.</u>	<u>Term</u>
2055-2056	Statistics	YR	6252-6282	Beginning Foods	YR
2141-2142	Pre-Calculus	YR	6410	Nutrition	Sem
2151-2152	AP Calculus AB	YR	6322-6325	Beginning Clothing	YR
SDC1	SVCC Elementary Stats	Sem	6406	Parenting	S1
SDC2	SVCC College Algebra	Sem	6407	Child Growth & Dev.	S2
<u>S1 - S2</u>	<u>SCIENCE</u>	<u>Term</u>	<u>S1 - S2</u>	<u>MUSIC</u>	<u>Term</u>
3161-3162	Earth Science	YR	8031-8032	Robed Choir	YR
3131-3132	Physical Science	YR	8011-8012	Band	YR
3083-3084	Environmental Science	YR			
3145-3146	Biology	YR	<u>S1 - S2</u>	<u>ART</u>	<u>Term</u>
3167-3168	Anatomy & Physiology	YR	9010-9020	Beginning Art	YR
3211-3212	Chemistry	YR	9030-9035	Advanced Art	YR
3171-3172	Physics	YR			
3209-3210	AP Chemistry	YR	<u>S1 - S2</u>	<u>COMMUNITY INVOL.</u>	<u>Term</u>
SDC4-SDC5	SVCC Gen. Chemistry	YR	9600-9601	Community Involvement	YR
<u>S1 - S2</u>	<u>SOCIAL SCIENCE</u>	<u>Term</u>			
4422-4426	World History	YR			
4132-4133	US History 1 & 2	YR			
4173-4174	Honors US History 1 & 2	YR			
4092	Civics	S1			
4400	US History 3	S2			
4312	Sociology	S1			
4451	Psychology	S2			
<u>S1 - S2</u>	<u>HEALTH/PE/DR. ED.</u>	<u>Term</u>			
7092	Health	Sem			
7191-7196	Physical Education	YR			
7012	Driver Education	Qtr			
BTW	Behind the Wheel	Qtr			

See the Guidance Counselor for the following options

Whiteside Area Career Center Courses

Morrison Institute of Technology - Engineering Courses

Sauk Valley CC and Clinton CC - College Courses

Western Illinois University - College Courses

Illinois Virtual High School - Credit Recovery Courses

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